jftLVªh laö Mhö ,yö&33004@99 REGD. NO. D. L.-33004/99

**vlk/kj.k**

**Hkkx III—[k.M 4**

**PART III—Section 4**

**izkf/dkj ls izdkf'kr**

**la- 286] ubZ fnYyh] eaxyokj] tqykbZ 12] 2016@vk"k<+ 21]**
**No. 286] 1938**

Ñf"k ,oa d`"kd dY;k.k ea=ky;

¼i'kq ikyu] Ms;jh ,oa ekfRL;dh foHkkx½

¼Hkkjrh; i'kq fpfdRlk ifj"kn~½

vf/klwpuk

ubZ fnYyh] 8 tqykbZ] 2016

fefly la[;k 12&5@2015&ohlhvkbZ-&Hkkjrh; i'kq fpfdRlk ifj"kn~ vf/kfu;e] 1984 dh /kkjk 66 ds lkFk ifBr /kkjk 22 dh mi&/kkjk ¼1½ rFkk /kkjk 21 dh mi&/kkjk ¼1½ ds okD;ka'k ¼[k½ ds rgr fn, x, vf/kdkjksa dk ç;ksx djrs gq,] rFkk Hkkjrh; i'kq fpfdRlk ifj"kn~ us ,r~}kjk Hkkjrh; i'kq fpfdRlk ifj"kn~ & i'kq fpfdRlk ds U;wure ekunaM & fMxzh dkslZ ¼i'kq fpfdRlk foKku ,oa i'kq ikyu Lukrd½ fofu;e] 2008 ds vf/kØe.k esa rFkk dsanz ljdkj dh iwokZuqefr ls Hkkjrh; i'kq fpfdRlk ifj"kn~ us fuEufyf[kr fofu;e rS;kj fd, gSa] tks bl Ádkj gSa%

Hkkx **I**

ÁLrkouk

1- laf{kIr uke vkSj ifjp;%&

¼1½ bu fofu;eksa dks Hkkjrh; i'kq fpfdRlk & i'kq fpfdRlk ds U;wure ekunaM& fMxzh dkslZ ¼ch-oh-,l-lh- vkSj ,-,p-½ fofu;e] 2016 dgk tk,xA

¼2½ c'krsZ fd okf"kZd Áos'k la[;k esa dksbZ Hkh o`f) ifj"kn~ ds vuqefr ls dh tk,xh vkSj bl ckjs esa fo'ofo|ky; Lo;a ,d i{kh; fu.kZ; ugha ysxkA la[;k esa mDr o`f) dh vuqefr lqfo/kkvksa vkSj tu'kfDr esa o`f) ds vuqikr esa dh tk,xh tSlkfd ifj"kn~ }kjk Hkkjrh; i'kq fpfdRlk vf/kfu;e ds vuqPNsn 19 ds rgr bu fofu;eksa esa Áko/kku fd;k x;k gSA

¼3½ ;g fofu;e Hkkjr ljdkj ds jkti= esa buds Ádk'ku dh rkjh[k ls ykxw gksaxsA

2- ifjHkk"kk,a & ¼1½bu fofu;eksa esa] tc rd fd vU; lanHkZ esa visf{kr u gksA

¼d½ ^^vf/kfu;e** dk rkRi;Z gS] Hkkjrh; i'kq fpfdRlk ifj"kn~ vf/kfu;e] 1984 ¼1984 dk 52½(

¼[k½ ^^ikB~;Øe** dk rkRi;Z gS] fdlh ,d f'k{k.k o"kZ esa 'kkfey fd, tkus okys v/;kiu ;wfuV] tSlkfd fdlh foHkkx ds ikB~;Øe esa fu/kkZfjr fd;k x;k gksA

¼x½ ^^ØsfMV ?kaVksa** dk rkRi;Z gS] fo'ofo|ky; }kjk tkjh dh xbZ ikB~;Øe lwph ds vuqlkj] fdlh fo'ks"k fo"k; ds fy, ekU; dk;Z dh lkIrkfgd bZdkbZA Áfr lIrkg ,d ?kaVs dh ySDpj d{kk dks ,d ØsfMV fxuk tk,xk tcfd Áfr lIrkg gksus



okyh nks ?kaVs vof/k dh ÁSfDVdy d{kk rFkk osVsfjujh fDyfudy dkWEiysDl ¼ohlhlh½ vkSj i'kq/ku QkWeZ dkWEiysDl ¼,y,Qlh½ esa rhu ?kaVs dh dk;Z vof/k dks ,d ØsfMV fxuk tk,xkA

¼?k½ ^^fMxzh ikB~;Øe** dk rkRi;Z gS i'kq fpfdRlk ds v/;;u dk ikB~;Øe] ftls i'kq fpfdRlk ,oa i'kqIkkyu foKku Lukrd Lukrd ¼ch-oh-,l-,lh- ,oa ,-,p½ dgk tkrk gSA

¼M+½ ^^igyh vuqlwph** vkSj ^^nwljh vuqlwph** dk rkRi;Z gS vf/kfu;e ds lkFk Øe'k% layXu igyh vuqlwph vkSj nwljh vuqlwphA

¼p½ ^^fn'kkfunsZ'kksaZ ;k funsZ'kksa** dk rkRi;Z gS] bu fofu;eksa dks leku :i ls fØ;kfUor djus ds fy,] Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk le;≤ ij tkjh fd, tkus okys fn'kkfunsZ'k@funsZ'kA

¼N½ ^^fujh{kd** dk rkRi;Z gS] vf/kfu;e dh /kkjk 19 dh mi&/kkjk ¼1½ ds varxZr fu;qDr fd;k x;k i'kq fpfdRlk fujh{kdA

¼t½ ^^v/;{k** dk rkRi;Z gS] Hkkjrh; i'kq fpfdRlk ifj"kn~ dk v/;{kA

¼>½ ^^vgZdkjh ijh{kk** dk rkRi;Z gS] jkT; f'k{kk cksMZ vFkok dsanzh; f'k{kk cksMZ }kjk lapkfyr mPprj ek/;fed ¼10$2½ ijh{kk ;k mlds led{kA

¼¥½ ^^O;kolkf;d o"kZ** dk rkRi;Z gS] de&ls&de nks lkS nl ¼210½ f'k{k.k fnolksa ds cjkcj vof/k ftlesa okf"kZd ijh{kk ds fnu 'kkfey ugha gksaxs( dsoy pkSFks f'k{k.k o"kZ dks NksM+dj ftlesa 315 f'k{k.k fnol 'kkfey gksaxsA

¼V½ ^^lfpo** dk rkRi;Z gS] vf/kfu;e dh /kkjk 11 ds v/khu fu;qDr Hkkjrh; i'kq fpfdRlk ifj"kn~ dk lfpoA

¼B½ ^^ikB~;Øe** ¼flyscl½ vkSj ^^ikB'p;kZ** dk rkRi;Z gS Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk fu/kkZfjr v/;;u dk ikB~;Øe vkSj ikB'p;kZA

¼M½ ^^v/;kiu vuqHko** dk rkRi;Z gS] fdlh ekU;rkÁkIr egkfo|ky;@ vuafre :i ls ekU;rkÁkIr i'kq fpfdRlk egkfo|ky; vFkok ekU;rkÁkIr i'kq fpfdRlk fo'ofo|ky; esa lac) fo"k; ds v/;kiu dk vuqHko ftls lac) fo"k; esa LukrdksÙkj vgZrk ÁkIr djus ds ckn fd;k x;k gksA

¼<½ ^^i'kq fpfdRlk vLirky ;k laLFkku** dk rkRi;Z gS] jkT; ljdkj ds egkfo|ky; dk i'kq fpfdRlk fDyfudy dkWEiysDl ;k i'kq fpfdRlk vLirky vFkok fo'ofo|ky; }kjk ekU;rkÁkIr futh vLirky ftls Hkkjrh; i'kq fpfdRlk Áfj"kn us fof/kor~ ekU;rk nh gks vkSj ftlds ikl cqfu;knh vk/kkjHkwr lqfo/kk,a] tSls funku Á;ksx'kkyk] ,Dl&js] vYVªk lksuksxzkQh dh lqfo/kk,a] bR;kfn ekStwn gksa] vFkok eosf'k;ksa ds LokLF;] Átuu] vkSj funku ds fy, lqlaxr laLFkku] ftUgsa dksbZ Hkh uke D;ksa u fn;k x;k gksA

¼.k½ ^^vH;kxr** dk rkRi;Z gS] vf/kfu;e dh /kkjk 20 dh mi&/kkjk ¼1½ ds varxZr fu;qDr ifjn'kZd ;k vH;kxrA

¼r½ ^^ekU;rkÁkIr i'kq fpfdRlk egkfo|ky;** dk rkRi;Z gS] dksbZ Hkh i'kq fpfdRlk egkfo|ky; ;k laLFkku] tks fo'ofo|ky; dk ?kVd egkfo|ky; vFkok fdlh fo'ofo|ky; ls layXu gks] rFkk tks choh,llh ,oa ,,p fMxzh ikB~;Øe esa f'k{kk Ánku djrk gks] rFkk Hkkjrh; i'kq fpfdRlk ifj"kn~ vf/kfu;e 1984 dh ÁFke vuqlwph esa 'kkfey djus ds ckn] Hkkjrh; i'kq fpfdRlk Áfj"kn dh flQkfj'k ls dsanz ljdkj us ekU;rk nh gks] rFkk ftl ij Mhu% fÁafliy@ ,lksfl,V Mhu ds iw.kZ Á'kklfud fu;a=.k esa gksA

¼Fk½ ^^fo'ofo|ky;** dk rkRi;Z gS] Hkkjr ds Hkhrj ;k ckgj fMxzh ;k LukrdksÙkj fMIyksek nsus okyk dksbZ fo'ofo|ky; ;k vU; laLFkkuA

¼n½ ^^vLFkkbZ :i ls ekU;hÑr i'kq fpfdRlk egkfo|ky;** dk rkRi;Z gS] ,d u;k LFkkfir i'kq fpfdRlk egkfo|ky; tgk¡ Hkkjrh; i'kq fpfdRlk Áfj"kn }kjk fujh{k.k djus rFkk ,e,lohbZ fofu;e 2016 dh iwfrZ ds v/khu] okf"kZd vk/kkj ij Áos'k nsus dh vuqefr nh xbZ gksA

¼2½ ;gka iz;skx fd, x, 'kCn vkSj vfHkO;fDr;ka] ftUgsa ;gka ifjHkkf"kr ugha fd;k x;k gS vfirq ftUgsa vf/kfu;e esa ifjHkkf"kr fd;k x;k gS] mudk rkRi;Z ogh gksxk tSlkfd vf/kfu;e esa fu/kkZfjr fd;k x;k gSA

Hkkx **II**

v/;;u ikB~;Øe

3- fMxzh dkslZ% ¼1½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd ds fMxzh dk;ZØe esa bu fofu;eksa ds Hkkx **IV** ds varxZr fu/kkZfjr ikB~;Øe vkSj flyscl 'kkfey gksxk] tks iwjs lk<+s ik¡p 'kS{kf.kd o"kksZa rd pysxk ftlesa ^^,d o"kZ** dh vfuok;Z baVuZf'ki Hkh 'kkfey gksxh] ftls flyscl esa fu/kkZfjr lHkh ØsfMV lQyrkiwoZd iwjs dj ysus ds i'pkr~ iwjk djuk gksxkA

¼2½ v/;;u ds nkSjku] i'kq fpfdRlk fDyfudy QkeZ ;k jkT; i'kq fpfdRlk vLirky] futh i'kq fpfdRlk vLirky] i'kq QkeZ ;k i'kq/ku QkeZ dkWEiysDl esa Áf'k{k.k fn;k tk,xk tks dkslZ dk gh ,d Hkkx gksxkA



4- f'k{k.k o"kZ vof/k%

¼1½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd d{kkvksa dk ÁFke 'kS{kf.kd o"kZ ÁR;sd o"kZ vf/kdre 1 flrEcj

¼2½ okf"kZd ijh{kk,a okf"kZd xzh"ekodk'k 'kq: gksus ls igys vk;ksftr djuh gksxhA

¼3½ ÁR;sd 'kS{kf.kd o"kZ esa okf"kZd ijh{kk esa yxus okys le; dks NksM+dj de&ls&de 210 fnu vko';d gksxhA

5- i'kq fpfdRlk vLirkyksa vFkok laLFkkuksa esa Áf'k{k.k vkSj baVuZf'ki ¼var%f'k{kqrk½ ds lek;kstuksa ds lkFk fuEufyf[kr ÁfØ;k viukuh gksxh%

¼1½ i'kq fpfdRlk fDyfudy dkWEiysDl ÁR;sd i'kq fpfdRlk egkfo|ky; esa ,d vyx foHkkx gksxk ftlesa Js.kh dk ladk; lnL;] ftlus fdlh fDyfudy fo"k; esa fo'ks"krk ÁkIr dh gks] Lora= ÁHkkjh gksxk( ;g foHkkx pkSchlksa ?kaVs Ápkfyr jgsxkA

¼2½ i'kq fpfdRlk fDyfudy dkWEiysDl dks dsoy rHkh ekU;rk Ánku dh tk,xh tc ogk¡ Áfr ekg vkus jksfx;ksa dh vkSlru la[;k 500 vkSj varjax jksfx;ksa dh la[;k 10 gksxhA

¼3½ ;fn i'kq fpfdRlk fDyfudy dkWEiysDl esa vkus okys ckg~; vkSj varjax jksfx;ksa dh la[;k ds vuq:i ugha gksxh rks fo'ofo|ky;@egkfo|ky; dks fudVorhZ ¼vkmVjhp½ lqfo/kkvksa dh LFkkiuk djuh gksxh tks mijksDr U;wure vko';drkvksa ds vuqlkj] egkfo|ky; ls 20 fdeh- ls vf/kd nwj ugha gksuk pkfg,A mDr fudVorhZ fDyfudy dkWEiysDlksa esa os lHkh lqfo/kk,a gksuh pkfg, tks i'kq fpfdRlk fDyfudy dkWEiysDlksa ds fy, bu fofu;eksa ds varxZr fu/kkZfjr dh xbZ gSaA

¼4½ bu layXu i'kq fpfdRlk vLirkyksa esa mfpr :i ls fufeZr varjax okMZ] jksfx;ksa fd fy, vkokl lsok,a rFkk lHkh fpfdRlh;] 'kY; fpfdRlh;] vkSj Ekknk jksxksa ls xzLr jksfx;ksa ds bykt] vkSj Án'kZu@Áf'k{k.k ds fy, vfuok;Z lqfo/kk,a rFkk vyx ^var%LokLF;* lqfo/kk,a] tSls Ñf=e xHkkZ/kku] xHkZ/kkj.k dk funku] i'kq tUe fu;a=.k] LokLF; tkap ijh{k.k] ÁksfQySfDll bR;kfn lqfo/kk,a gksuh

¼5½ fDyfudy vkSj vLirky ds deZpkfj;ksa ds fy, vkoklh; lqfo/kk,a vkSj vkikr~@jkf= M~;wVh djus mi;qDr vkokl rFkk deZpkfj;ksa] Nk=ksa vkSj xzkgdksa ds fy, dSQsVsfj;k@dSaVhu dh lqfo/kk gksuh

¼6½ i'kq fpfdRlk fDyfudy dkWEiysDl rFkk@vFkok i'kq fpfdRlk vLirky esa M~;wVh ij rSukr lHkh mipkj vkSj lac) lkoZtfud lsok,a nsus ds fy, ftEesnkj gksaxs vkSj vkikr~dkyhu@jkf= M~;wVh rFkk jfookj@NqV~Vh ds fnuksa esa vfuok;Z :i ls fDyfud esa mifLFkr jgsaxs rFkk fpfdRlky; esa M~;wVh ds le; deZpkfj;ksa vkSj Nk=ksa dks mfpr iks"kkd ;,sÁu] doivkWy ¼Maxih½ bR;kfnÀ vkSj mi;qDr

¼7½ v/;kiu laLFkkvksa dks ges'kk i'kq dY;k.k vkSj uhfr fl)karksa dk ikyu djrs gq, i'kq@jksxh Á;ksx djuk gksxk] vkSj fuEufyf[kr dh O;oLFkk djuh gksxh%

¼i½ i;kZIr la[;k esa v/;kiu lkexzh tks fofHkUu fdLeksa vkSj Átkfr;ksa ds fpfdRlh; ekeyksa ds :i esa

¼ii v/;kiu i'kq fpfdRlk vLirkyksa esa jksfx;ksa dks vf/kd la[;k esa mipkj ds fy, ÁksRlkfgr djus ds vk/kkj ij mipkj(

¼iii 'kS{kf.kd :fp ds ekeyksa vFkok f'k{kk ds fy, mi;ksxh fof'k"V ekeyksa dks ÁkIr djuk vkSj O;oLFkk miyC/k djkuk rkfd Nk= muls ykHk mBk ldsaA

¼iv e`R;q@lq[k e`R;q ds ekeys esa] foLr`r 'ko&ijh{kk dk Án'kZu djuk vkSj uewuksa dks lajf{kr

¼v½ fDyfudy vkadM+ksa dk jftLVj cuk, j[kukA

¼8½ i'kq/ku QkeZ dkWEiysDl ÁR;sd i'kq fpfdRlk egkfo|ky; esa ,d vyx foHkkx gksxk ftlesa i'kq ÁksQslj dh Js.kh dk ,d ladk; lnL;] ftlus fo'ks"k :i esa i'kq/ku mRiknu Áca/ku ds fo"k; esa fo'ks"kKrk ÁkIr dh gks] foHkkx dk Lora= ÁHkkjh gksxk vkSj ;g foHkkx pkSchlksa ?kaVs dke djsxkA QkeZ dkWEiysDl dk Á;ksx i'kq/ku tkfr;ksa ds ikyu vkSj dqDdqVikyu dh f'k{kk ds fy, djuk gksxk ftlesa

¼i½ nksvs vkSj cM+S xkS i'kqvksa] lqvjksa] dqDdqVksa rFkk {ks=h; ykHk ds i'kqvksa dk vkokl]

¼ii fjdkWMZ j[kuk(

¼iii vkgkj vkSj pkjs ds HkaMkj.k dh lqfo/kk(

¼iv vkgkj vkSj pkjk Qlyksa ds mRiknu dh lqfo/kk(



¼v½ Áca/ku vkSj rduhdh deZpkfj;ksa ds fy, mi;qDr vkokl dh O;oLFkkA

¼9½ vU; lqfo/kkvksa] tSls xkS'kkykvksa ;k lkeqnkf;d QkeksZa dk Á;ksx fd;k tkus ij] ;g lqfo/kk,a vfrfjDr gksaxh fdarq bUgsa ÁfrLFkkih ugha ekuk tk,xkA

¼10½ pkSchlksa ?kaVs dh lsok gksus ds dkj.k deZpkfj;ksa vkSj M~;wVh ij rSukr Nk=ksa ds fy, gksxhA

¼11½ i'kq/ku QkeZ dkWEiysDlksa esa M~;wVh ij rSukr lHkh lac) deZpkjh Áca/k O;oLFkk ds fy, QkeZ esa i'kqvksa ds fy, vkikr~dkyhu lsok,a 'kkfey gksaxhA mUgsa le;≤ ij nSfud Áca/ku i)fr;ksa dh O;oLFkk djuh gksxh vkSj mudh fuxjkuh djuh gksxh rFkk mudk fjdkWMZ Hkh j[kuk gksxkA os ÁR;sd ;wfuV esa mRiknu dk;ksZa ds fy, Hkh mÙkjnk;h gksaxsA

## Hkkx **III**

### i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k

6- Áos'k ds ekunaM% fdlh mEehnokj dks rc rd i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k ugha fn;k tk,xk] tc rd fd%

¼d½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd dkslZ ds ÁFke o"kZ esa Áos'k ds o"kZ 31 fnlacj dks] mEehnokj us viuh vk;q ds U;wure 17 o"kZ vkSj vf/kdre 25 o"kZ iwjs dj fy, gksa( vuqlwfpr tkfr@vuqlwfpr tutkfr@ vU; fiNM+h tkfr;ksa ds ekeys esa vf/kdre vk;q esa 5 o"kZ dh NwV nh tk,xhA

¼[k½ mlus HkkSfrd 'kkL=] jlk;u foKku] Ákf.k foKku@tSo ÁkS|ksfxdh vkSj vaxzsth fo"k;ksa esa ¼ewy ikB~;Øe ds :i esa½ vgZd ijh{kk mÙkh.kZ dh gks] tSlkfd bu fofu;eksa esa fu/kkZfjr fd;k x;k gS] rFkk fofu;eksa ds Hkkx ¼7½ ds varxZr fu/kkZfjr vad ÁkIr fd, gksa( vFkok HkkSfrd 'kkL=] jlk;u foKku] Ákf.k foKku fo"k;ksa] vkSj bu fo"k;ksa dh Ák;ksfxd ijh{kk rFkk vaxzsth fo"k; ds lkFk] Hkkjrh; fo'ofo|ky; laxBu }kjk ekU;rkÁkIr fdlh Hkkjrh; fo'ofo|ky;@cksMZ ls ek/;fed foKku ijh{kk ds led{k ijh{kk mÙkh.kZ dh gksA

7- Nk=ksa dk p;u%

¼1½ ljdkjh ;k ÁkbosV egkfo|ky; esa i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k ds fy, Nk=ksa dk p;u] ,dleku ewY;kadu lqfuf'pr djus ds fy,] fo'ofo|ky;@ jkT; ljdkj@Hkkjrh; i'kq fpfdRlk Áfj"kn~ }kjk vk;ksftr Áfr;ksxkRed Áos'k ijh{kk ds }kjk esfjV ds vk/kkj ij gksxk] D;ksafd fofHkUu ,tsafl;ksa }kjk vk;ksftr dh tkus okyh vgZdkjh ijh{kkvksa esa Nk=ksa esa varj gks ldrk gS rFkk vkj{k.k uhfr Hkkjrh; i'kq fpfdRlk Áfj"kn dh lhVksa ds fy, Hkkjr ljdkj dh uhfr ds vuqlkj vkSj jkT;ksa ds fy, mudh vkj{k.k uhfr ds vuq:i gksaxsA

¼2½ Áfr;ksxh Áos'k ijh{kk dk ik= gksus ds fy, Nk=ksa dks fofu;e 6 esa 'kh"kZ ^^i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k** esa mfYyf[kr fdlh vgZdkjh ijh{kk esa mÙkh.kZ gksuk gksxkA

¼3½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k ds fy, lkekU; Js.kh ds mEehnokj ds fy, vgZdkjh ijh{kk esa vaxzsth] HkkSfrd 'kkL=] jlk;u foKku vkSj Ákf.k 'kkL=] ÁR;sd fo"k; esa mÙkh.kZ gksuk gksxk vkSj vgZdkjh ijh{kk esa bu fo"k;ksa esa dqy feykdj 50 Áfr'kr vad ÁkIr djus gksaxsA i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa dsoy Áfr;ksxh Áos'k ijh{kk esa ÁkIr gq, esfjV ds vk/kkj ij gh Áos'k fn;k tk,xk rFkk i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k ds fy, fdlh vU; esfjV ;k Hkkfjrk ij fopkj ugha fd;k tk,xkA

¼4½ vuqlwfpr tkfr@vuqlwfpr tutkfr ;k ljdkj }kjk le;≤ ij fofufnZ"V dh tkus okyh vU; fo'ks"k Js.kh ds mEehnokjksa ds laca/k esa] Áos'k ds fy, vfuok;Z vad lkekU; Js.kh ds fy, fu/kkZfjr vadksa ¼47-5 Áfr'kr½ ls 5 Áfr'kr de gksaxsA ;fn fdlh jkT; esa vuqlwfpr tkfr vkSj vuqlwfpr tutkfr ds Nk=ksa ds fy, vkjf{kr lhVsa] ml jkT; ds fy, fu/kkZfjr U;wure vfuok;Zrk,a iwjh djus djus okys Nk=ksa dh la[;k de gksus ds dkj.k iwjh u Hkjh tk ldsa] rks mDr fjDr LFkkuksa dks vf[ky Hkkjrh; vk/kkj ij vuqlwfpr tkfr vkSj vuqlwfpr tutkfr ds mu mEehnokjksa ls Hkjk tk,xk ftUgksaus mÙkh.kZ gksus ds fy, fu/kkZfjr U;wure Áfr'kr vad ÁkIr fd, gksaA

¼5½ os Nk= ftUgksaus fons'kksa esa f'k{kk ÁkIr dh gks] vkSj tks vc vkSj Hkkjr ds i'kq fpfdRlk dkWystksa esa Áos'k ysuk pkgrs gksa] muds fy, 12oha d{kk ds Lrj dh ijh{kk esa HkkSfrd 'kkL=] jlk;u foKku] Ákf.k foKku@tSo&ÁkS|ksfxdh vkSj vaxzsth fo"k;ksa ds lkFk mÙkh.kZ djuk vkSj bu fo"k;ksa esa dqy feykdj 50 Áfr'kr vad ÁkIr djuk t:jh gksxkA

¼6½ Ák;ksftr mEehnokjksa dks lkekU; Js.kh ds Nk=ksa ds fy, fu/kkZfjr Áos'k ÁfØ;k ds vrxZr vgZrk ÁkIr djuh gksxhA

¼7½ f}i{kh; fofue; dk;ZØe ds varxZr Nk=ksa dk i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa Áos'k Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk fofu;fer vFkok Hkkjr ljdkj dh laLrqfr ij gksxkA

¼8½ ÁR;sd ekU;rkÁkIr i'kq fpfdRlk dkWyst esa] tks vkbZohlh vf/kfu;e 1984 dh ÁFke vuqlwph esa 'kkfey gks] dqy lhVksa dh 15 Áfr'kr lhVsa vkjf{kr gksaxh ftUgsa vf[ky Hkkjrh; vk/kkj ij lkekU; Áos'k ijh{kk ds ek/;e ls Hkjk tk,xkA Hkkjrh;



i'kq fpfdRlk Áfj"kn ds Åijksfyf[kr 15 Áfr'kr dksVs ds Áfr vuqlwfpr tkfr@vuqlwfpr tutkfr@'kkjhfjd :i ls

v'kDr@vU; fiNM+s oxksZa ls lacaf/kr mEehnokjksa ds fy, vkjf{kr lhVksa dks Hkkjr ljdkj dh uhfr ds vuqlkj Hkjk tk,xkA

¼9½ bl ijh{kk ds ek/;e ls pqus x, mEehnokjksa dks fofHkUu i'kq fpfdRlk dkYkstksa esa dsoy bUgha fofu;eksa esa fu/kkZfjr
ik=rk ekunaMksa ds vuqlkj Áos'k fn;k tk,xk] rFkk bu mEehnokjksa ds fy, vkoafVr fo'ofo|ky;@i'kq fpfdRlk laLFkku esa
fjiksVZ djus dh vafre rkjh[k ml o"kZ dh 15 flrEcj gksxh] Hkys gh mDr fo'ofo|ky;@i'kq fpfdRlk laLFkku esa ml o"kZ
Áos'k dh vafre rkjh[k blls igys dh D;ksa u gksA mDr fo'ofo|ky;@i'kq fpfdRlk laLFkku fjDr LFkkuksa dks 30 flrEcj
rd Hkj ldrs gSa tks Áos'k dh iw.kZ :i ls vafre rkjh[k gksxh vkSj blds i'pkr~ dksbZ Áos'k ugha fn;k tk,xkA

¼10½ ;fn dksbZ mEehnokj] ftlesa Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk 15 Áfr'kr vkj{k.k dksVs ds varxZr vkus okys
mEehnokj Hkh 'kkfey gSa] fuEufyf[kr 'kkjhfjd fodykaxrkvksa ls xzLr gSa] rks mUgsa i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh
dkslZ esa Áos'k ugha fn;k tk,xk%

¼d½ lewph nsg dh fu%'kDrrk] ftlesa o{k@ jh<+ dh 50 Áfr'kr ls vf/kd fu%'kDrrk 'kkfey gks(

¼[k½ iSjksa esa 50 Áfr'kr ls vf/kd fu%'kDrrk(

¼x½ gkFkksa esa fu%'kDrrk(

¼?k½ us=ghu mEehnokj vkSj os mEehnokj ftudh Jo.k 'kfDr detksj gS(

¼M+½ Áxkeh jksxksa] tSls is'khfoÑfr] bR;kfn ls xzLr mEehnokjA

¼p½ ,slh fodykaxrk,a ftuls i'kq fpfdRld ds dÙkO;Z ds fuoZgu esa ck/kk vkrh gksA

¼11½ fodykaxrk dks fof/kor~ xfBr vkSj vf/kÑr esfMdy cksMZ }kjk Áekf.kr djkuk gksxk] ftlesa de&ls&de rhu
fo'ks"kK 'kkfey gksus pkfg, vkSj ftuesa ls nks lacaf/kr fodykaxrk fo'ks"kK gksus pkfg,( mEehnokj dks Lo;a esfMdy cksMZ ds
le{k ÁLrqr gksuk gksxkA fodykax mEehnokj dk esfMdy cksMZ ls feyus okyk vafre oS/k fodykaxrk Áek.ki=] fodykax
mEehnokj ds Áek.ki= ÁLrqr djus dh rkjh[k ls de&ls&de rhu ekg ls vf/kd iqjkuk ugha gksuk pkfg,A

¼12½ vafre Áos'k ds i'pkr~] ÁR;sd i'kq fpfdRlk dkWyst dks i'kq fpfdRlk ,oa i'kq ikyu Lukrd dk;ZØe ds ÁFke
O;kolkf;d o"kZ esa Áos'k ikus okys Nk=ksa dk fooj.k ÁLrqr djuk gksxkA blh Ádkj] mÙkh.kZ gksus okys Nk=ksa dh lwph Hkkjrh;
i'kq fpfdRlk ifj"kn~ ds le{k ÁLrqr djuh gksxhA

## Hkkx& **IV**

## i'kq fpfdRlk ikB~;Øe & ikB~;Øe dh lajpuk vkSj xBu

8- i'kq fpfdRlk ikB~;Øe%&

¼d½ i'kq fpfdRlk ikB~;Øe esa fuEufyf[kr ?kVd 'kkfey gksaxs%

1- ewy ikB~;Øe rFkk

2- baVuZf'ki ¼var%f'k{kqrk½] m|e'khyrk Áf'k{k.k lfgrA

¼[k½ ikB'p;kZ dk mn~ns'; rdZlaxr vkSj oSKkfud fparu dh Áo`fÙk c<+kus] Li"V vfHkO;fDr] Lora= fu.kZ; ysus] lwpukvksa
dk laxzg.k djus vkSj mUgsa ijLij tksM+us RkFkk Lok/;k; dh vknr fodflr djus ij mfpr cy nsuk gSA

¼x½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ dh f'k{kk dk ek/;e vaxzsth gksxkA

¼?k½ i'kq/ku QkeZ dkWEiysDl ;k fDyfudy ÁSfDVl esa Ák;ksfxd Áf'k{k.k 5&10 Nk=ksa ds NksVs lewgksa esa vk;ksftr fd;k
tk,xk rkfd ÁR;sd f'k{kd ÁR;sd Nk= ij O;fDrxr :i ls /;ku ns lds rkfd Nk=ksa dh jksfx;ksa dh ns[kHkky laca/kh ;ksX;rk
vkSj {kerk esa lq/kkj gks ldsA ikB~;Øe ds ÁR;sd Ák;ksfxd Áf'k{k.k lewg esa 20 ls vf/kd Nk= ugha gksaxsA

¼M+½ Nk=ksa dks lkewfgd ppkZvksa vkSj lsfeukjksa esa Hkkx ysus ds fy, ÁksRlkfgr djus dk Á;kl djuk gksxk rkfd muds
O;fDrRo] pfj= vfHkO;fDr vkSj vU; {kerkvksa dk fodkl gks lds tks ,d Lukrd i'kq fpfdRld ds fy, Lora= O;olk;
vkjaHk djus ij vdsys dke djus vFkok lewg esa dke djus ds fy, vfuok;Z gksaxs rFkk bl dk;Zdyki ds fy, Nk= dh
le;&lkj.kh esa ,d mfpr le;kof/k fuf'pr djuh gksxhA

9. i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ esa i<+k, tkus okys fo"k;% & i'kq fpfdRlk ,oa i'kq ikyu

Lukrd fMxzh dkslZ ds fuEufyf[kr 'kkfey gksaxs%

d- i'kq 'kjhj jpuk foKku

[k- i'kq 'kjhj fØ;k foKku

x- i'kq tSo&jlk;fudh



?k- i'kq vkS"k/k foKku ,oa fo"k foKku

M+- i'kq ijthfork foKku

p- i'kq lw{e foKku

N- i'kq foÑfr foKku

t- i'kq lkoZtfud LokLF; ,oa egkekjh foKku

>- i'kq iks"k.k

¥- i'kq vkuqoaf'kdh ,oa Átuu

V- i'kq/ku mRiknu Áca/ku

B- i'kq/ku mRiknu ÁkS|ksfxdh

M- i'kq Ekknk jksx foKku ,oa Álwfr foKku

<+- i'kq 'kY; fpfdRlk ,oa fofdj.k foKku

.k- i'kq vkS"kf/k

r- i'kq fpfdRlk ,oa i'kqikyu foLrkj.k f'k{kk

Fk- i'kq fpfdRlk fDyfudy O;olk;

n- i'kq/ku QkeZ O;olk;

10- Nk= dk Áolu ;k LFkkukarj.k

¼1½ vf/kfu;e dh ÁFke vuqlwph esa 'kkfey fdlh ekU;rkÁkIr i'kq fpfdRlk dkWyst esa i<+us okys vFkok mlh fo'ofo|ky; ds varxZr fdlh vU; ekU;rkÁkIr i'kq fpfdRlk dkWyst esa Áolu ;k LFkkukarj.k djus dh vuqefr gksxhA

¼2½ laca) fo'ofo|ky; }kjk Áolu@LFkkukarj.k dh vuqefr] Nk= }kjk i'kq fpfdRlk ,oa i'kq ikyu Lukrd ds ÁFke o"kZ dh ijh{kk mÙkh.kZ djus ds ckn rFkk xzg.k djus okys dkWyst@fo'ofo|ky; ds nwljs o"kZ dk f'k{kk l= vkjaHk gksus ds ,d eghus ds Hkhrj nh tk ldrh gSA

¼3½ ,d 'kS{kf.kd o"kZ dh vof/k esa ,d i'kq fpfdRlk dkWyst ls nwljs i'kq fpfdRlk dkWyst esa okys Nk=ksa dh la[;k ,d o"kZ esa ÁR;sd i'kq fpfdRlk dkWyst esa Nk=ksa dh Áos'k dh {kerk dh vf/kdre

¼4½ mijksDr ¼d½ ls ¼x½ ds varxZr u vkus okys ekeyksa ij xq.kkxq.k ds vk/kkj ij fopkj djus ds fy, fpfdRlk ifj"kn~ ds ikl Hkstk tk ldrk gSA

¼5+½ fdlh i'kq fpfdRlk dkWyst esa Áoflr@LFkkukarfjr gksus okys Nk=ksa ds Áos'k dh lwpuk }kjk lac) laLFkku dks Hkst nh tk,xhA

11- ¼1½ ikB~;fooj.k & ¼1½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ ds fy, U;wure 81 ¼lsesLVj Á.kkyh ds vuqlkj 179 ØsfMV ?kaVksa ds cjkcj½ ls fufeZr ikB~;fooj.k vfuok;Z gksxkA ikB~;Øe ds forj.k dk lkjka'k bl Ádkj gS%

| O;kolkf;d o"kZ | F;ksjh | ÁSfDVdy | dqy |
|---|---|---|---|
| ÁFke ¼,d o"kZ½ | 12 | 6 | 18 |
| f}rh; ¼,d o"kZ½ | 15 | 7 | 22 |
| r`rh; ¼,d o"kZ½ | 15 | 9 | 24 |
| prqFkZ ¼Ms<+ | 8 | 9 | 17 |
| | 50 | 31 | 81 |

¼Áfr lsesLVj Á.kkyh esa 179 ØsfMV ?kaVksa ds led{k½

¼2½ mijksDr ewy dkslZ ds vfrfjDr] i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh ÁkIr djus ds fy, Nk= dks m|e'khyrk Áf'k{k.k ds lkFk&lkFk baVuZf'ki dks Hkh lQyrkiwoZd iwjk djuk gksxk ftldk fooj.k bu fofu;eksa ds v/;k; IV 8 ¼1½ esa fn;k x;k gSA



¼3½ vkj-oh- LDoSMªu@,u-,u-lh-@?kqM+lokjh@,u-,l-,l-@[ksy&dwn ØsfMV&jfgr ¼0$1½ fpfdRlk ,oa i'kq ikyu Lukrd fMxzh ÁkIr djus ds fy,] lHkh O;kolkf;d o"kksZa esa buesa ls fdlh ,d dks ysuk vfuok;Z gksxkA bu Áf'k{k.k dk;ZØeksa esa Nk=ksa ds dk;Z&fu"iknu dk ewY;kadu fd;k tk,xk vkSj mls ^larks"ktud* ;k ^vlarks"ktud* dh Js.kh Ánku dh tk,xhA dkslZ dks lQyrkiwoZd iwjk djus ds

¼4½ fofu;e II esa fu/kkZfjr ikB~;Øe U;wure f'k{k.k ikB~;Øe gS vkSj i'kq fpfdRlk ,oa i'kq ikyu ds fy, ns'k ds i'kq fpfdRlk dkWystksa esa fofHkUu ikB~;Øeksa ds f'k{k.k ds fy, Á;ksx gksus okys

rFkkfi] le;≤ ij Js=h;@laLFkkxr ekax ds vuq:i fMxzh dk;ZØe esa dksbZ vU; fo"k;@dkslZ tksM+us dh NwV gksxhA mDr ifjorZuksa dks fofu;eksa dk mYya?ku ugha ekuk tk,xk rFkk ;s bu fofu;eksa esa fu/kkZfjr ewy lajpuk] ikB~;p;kZ vkSj cqfu;knh <kaps ds vuq:i gksaxsA

12- baVuZf'ki

¼1½ pkSFkh O;kolkf;d ijh{kk mÙkh.kZ djus ds i'pkr~] i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh dkslZ ds ÁR;sd Nk= dks i'kq fpfdRlk ,oa i'kq ikyu Lukrd dh fMxzh dks ikus vkSj ifj'kn~ esa lEiw.kZ iathdj.k ds fy,] fo'ofo|ky; dh larqf"V ds vuq:i] de ls de ckjg eghus vof/k dh vfuok;Z vkorhZ baVuZf'ki djuh gksxhA

¼2½ vfuok;Z vkorhZ baVuZf'ki esa i'kq fpfdRlk o i'kq ikyu lsokvksa dk iw.kZdkfyd Áf'k{k.k 'kkfey gksxk ¼ftlesa vkikr~dkyhu vkSj jkf= rFkk jfookj vkSj NqfV~V;ksa ds fnuksa esa M~;wVh 'kkfey gksxh½A baVuZ ¼Áf'k{kqvksa½ dks viuk iwjk le; Áf'k{k.k esa yxkuk gksxk vkSj mUgsa fdlh Ádkj dh oSrfud ;k voSrfud] iw.kZdkfyd ;k va'kdkfyd ukSdjh djus dh vuqefr ugha gksxhA

¼3½ baVuZf'ki dsoy i'kq fpfdRlk ikB~;Øe] ftlesa vkj-oh- LDoSMªu@,u-lh-lh-@ ?kqM+lokjh@ [ksy&dwn Hkh 'kkfey gSa] dh lHkh ØsfMV vfuok;Zrk,a iwjh djus ds ckn gh dh tk ldrh gSA

¼4½ fo'ofo|ky; lHkh O;kkolkf;d ijh{kkvksa dks mÙkh.kZ dj ysus vkSj fu/kkZfjr ikB~;Øe ds dk;ksZa dks lQyrkiwoZd iwjk dj ysus dk ,d vuafre Áek.ki= tkjh djsxkA

¼5½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd dkslZ lekiu dk vuafre Áek.ki= ÁLrqr djus ij jkT;@la?k jkT; {ks= dh i'kq fpfdRlk ifj"kn~ mEehnokj dk vuafre :i esa iathdj.k dj nsxkA vuafre iathdj.k U;wure ckjg ekg rd vkSj vf/kdre lksyg ekg rd oS/k jgsxkA

¼6½ jkT;@la?k jkT; {ks= dh i'kq fpfdRlk ifj"kn~ esa vuafre iathdj.k gksus ds ckn] mEehnokj dks ckjg dSysaMj ekg dh baVuZf'ki ds fy, iathÑr djuk gksxkA

¼7½ Áf'k{kqvkas dks fdlh vuqHkoh f'k{kd dh ns[kjs[k esa i'kq fpfdRlk lsokvksa esa lfØ; :i ls Hkkx ysukA

¼8½ mUgsa ml ;wfuV ds lHkh dk;Zdykiksa esa f'k{kd@ÁHkkjh dks lg;ksx nsuk gksxkA

¼9½ baVuZf'ki dh vof/k ds nkSjku] mUgsa jgus dk LFkku@vkokl] rFkk baVuZf'ki HkÙks ds :i esa lesfdr ikfjJfed fn;k tk,xk ftlds ckjs esa fo'ofo|ky;@laLFkku le;≤ ij fu.kZ; ysrs gSaA

¼10½ mifLFkfr vfuok;Z gksxhA mEehnokj dks 15 fnuksa dk vkdfLed vodk'k ysus dk vf/kdkj gksxkA eatwjhnkrk vf/kdkjh dh LohÑfr ds fcuk] NqV~Vh dk] vf/kdkj ds :i esa nkok ugha fd;k tk ldrkA ;fn Áf'k{kq tkucw>dj Áf'k{k.k dk;ZØe esa fnu ds dqN Hkkx ds fy, vFkok NqV~Vh ds ?kaVksa esa ¼jfookj@NqV~Vh ds fnuksa esa Hkh½ mifLFkr ugha gksxk] rks ml fnu dks mldh

vuqifLFkfr ekuk tk,xkA mEehnokj dks vuqifLFkfr dh vof/k ds cnys vfrfjDr fnuksa esa Áf'k{k.k ysuk gksxk rFkk mls mu vfrfjDr fnuksa dk baVuZf'ki HkÙkk ugha fn;k tk,xkA

¼11½ baVuZf'ki dk;ZØe ij ladk;k/;{k }kjk xfBr ,d lfefr fuxjkuh j[ksxhA bl lfefr ds lnL;ksa esa ladk;k/;{k@Áfrfuf/k] dqyifr }kjk eukuhr O;fDr] ohlhlh dk ÁHkkjh] ,y,Qlh dk ÁHkkjh vkSj ,lksfl,V ÁksQslj 'kkfey gksaxsA ;g lfefr le;≤ ij baVuZf'ki Áf'k{k.k dk;ZØe ds lQy dk;kZUo;u dh fuxjkuh djsxhA lfefr dks ;kn`fPNd :i esa fofHkUu varjkyksa ij baVuZf'ki Áf'k{k.k dk;ZØe dh tkap djuh gksxhA

¼12½ vlarks"ktud dke@dk;Z&fu"iknu rFkk@vFkok mifLFkfr de gksus ij vfuok;Z vkorhZ baVuZf'ki dh vof/k esa nks ekg dh o`f) dj nh tk,xh vkSj Nk= dk iquZewY;kadu fd;k tk,xk( ;fn blds ckn Hkh mldk fu"iknu vlarks"ktud jgk vFkok og 50 Áfr'kr vad ¿mijksDr ¼2½ ds vuq:iÀ ikus esa vlQy jgk rks mls vxys nks ekg ds ckn ,d vkSj volj fn;k tk,xk] vkSj ;fn blds ckn Hkh mldk ifj.kke] fdlh dkj.ko'k vlarks"ktud jgk] rks Áf'k{kq dks] jkT;@la?k jkT; {ks= dh i'kq fpfdRlk ifj"kn~ esa iqu%iathdj.k djkus ds lkFk&lkFk] iwjs ckjg dSysaMj ekg ds baVuZf'ki dk;ZØe ds fy, iqu% iathdj.k djkuk gksxkA

¼13½ dsoy X;kjg ekg ds baVuZf'ki HkÙks dk Hkqxrku fd;k tk,xkA vuqifLFkfr@ vlarks"ktud dk;Z&fu"iknu@c<+kbZ xbZ vof/k@iqu%iathdj.k gksus ij dksbZ baVuZf'ki HkÙkk ugha fn;k tk,xkA



¼14½ vfuok;Z vkorhZ baVuZf'ki fuEufyf[kr {ks=ksa esa gksxh] rFkkfi Hkkjrh; i'kq fpfdRlk ifj"kn~ fn'kkfunsZ'k tkjh dj fn, tk,axsA

¼i½ i'kq fpfdRlk fDyfudy dkWEiysDl esa fDyfudy Áf'k{k.k ds fy, fu;qfDr ftlesa i'kq fpfdRlk fpfdRlk vkSj jsfM;k/kfeZrk] eknk jksx foKku vkSj Álwfr foKku] jksx fo"k;d vkikr~ fLFkfr;ka] varjax okMZ dh ns[kHkky] vkS"k/kky;] vLirky Áca/ku] fjdkWMZ dhfiax] bR;kfn 'kkfey gksaxsA

¼ii½ Hkkjr ds vU; jkT; ds i'kq fpfdRlk dkWyst ds i'kq fpfdRlk fDyfudy dkWEiysDl esa fu;qfDr HkkM+k&eqDr vkokl dh O;oLFkk gksxhA

¼iii½ fpfM+;k?kj@oU; tho dsanz@jk"Vªh; m|ku] ekal la;a=@cwpM+[kkuk] nqX/k la;a=] iksYVªh dY;k.k laxBu] oSDlhu laLFkku] vkjohlh] vkS"k/k dsanz] vkgkj m|ksx esa ls fdUgha pkj esa O;kogkfjd

¼iv½ m|e'khyrk Áf'k{k.k ,oa Áca/ku ftlesa eos'kh ,oa HkSal QkeksZa] lqvj 'kkyk@[kjxks's'k 'kkyk] ?kksM+s@ÅaV ds ;wfuV bR;kfn] 'kkfey gksaxsA eqxhZ mRiknu vkSj Áca/ku ftlesa vaMk nsus okyh eqxhZ vkSj ekal idkus dh HkV~Vh dk mRiknu] pwt+ksa dk ikyu vkSj Áca/ku rFkk QkeZ i)fr;ksa] tSls fjdkWMZ dhfiax vkSj vU; lacaf/kr dkeksa dk f'k{k.k] bR;kfn 'kkfey gksaxsA

¼v½ m|e'khyrk Áf'k{k.k iwjk gksus ds ckn ÁR;sd Áf'k{kq dks ,d ÁkstsDV fjiksVZ ÁLrqr djuh mn~ns'; Lo&jkstxkj ds fy, m|e'khyrk dh {kerk dk fodkl djuk gSA fo'ofo|ky;@dkWyst bu dk;ksZa ds fy, C;kt eqDr _.k] rduhdh lg;ksx vkSj cqfu;knh lajpuk Ánku djsaxsA fuos'k] nSfud dk;Z vkSj foÙkh; lk/kuksa dk fglkc Lo;a Nk= dks djuk gksxkA

¼vi½ ykHk dh jkf'k] ;fn dksbZ gks] Lo;a Nk= ds ikl jgsxhA rFkkfi] gkfu gksus ij] m|e'khyrk lfefr ds ftlesa pkj ladk; lnL; ¼ftuesa ls de&ls&de ,d laca) fo"k; dk fo'ks"kK gksxk½ 'kkfey gksaxs] dkWyst dk ladk;k/;{k mDr {kfr ds dkj.kksa dk ewY;kadu djsxk vkSj ;g ik;k tkus ij fd {kfr tkucw>dj ugha gqbZ

¼vii½ ÁR;sd fu;qfDr ds ÁHkkjh@ukferh dks mDr Áf'k{kqvksa ds Áf'k{k.k dks fofu;fer djuk gksxk dk;Z dh 20 vadksa esa ls ewY;akdu fjiksVZ cukdj ÁLrqr djuh gksxh ftls vafre ewY;akdu ds le; /;ku

¼viii½ 'ks"k fnukas dk Á;ksx Áf'k{kq ds vafre ewY;akdu ds fy, fd;k tk,xk tSlkfd fofu;eksa esa fu/kZfjr fd;k x;k gS] ftldk mn~ns'; Áf'k{kq esa fuEufyf[kr ewy {kerkvksa dk miktZu gksxk%

¼d½

¼[k½ ¼x½

¼?k½

¼M+½

¼p½

¼N½ ¼t½ ¼>½ ¼¥½ ¼V½

¼B½

¼M½

¼<+½

¼.k½ ¼r½

xk;] HksM+] dqÙkk vkSj lqvj dks fu;af=r djuk
yxkuk] Qqlykuk] eqag cka/kuk] iwaN dkVuk]
i'kqvksa dh igpku] narksn~Hksnu ,oa i'kqvksa
i'kq/ku ,oa dqDdqVksa ds vkokl dh :ijs[kk@vk
fofHkUu Átkfr;ksa vkSj vk;q oxksZa ds eosf'k;
dk fglkc yxkuk(
pkjk Áca/ku vkSj vkgkj xq.koÙkk ds ewY;kadu
i'kq/ku ds LokLF; iSjkehVjksa dh ÁR;{k tkap
g`n; xfr] 'okl nj bR;kfn dk fjdkWMZ j[kuk½(
g`nokfguh dh ÁfrfØ;k dks nt djuk vkSj mldh O
nw/k vkSj nqX/k mRiknksa dh xq.koÙkk dh tk
vfLFk iatj dh xq.koÙkk dk ewY;kadu ¼e`R;q&
i'kqvksa ds vaxksa ds jksxksa ds fy, fof'k"V fun
uewuksa dk laxzg.k] j[kj[kko vkSj tSfod lkexzh
lkekU; uSnkfud&jksx oSKkfud tkap ds fy, LVs
'ko&ijh{k.k esa ?kkoksa dk Áeq[k i'kq/ku jksxk
jDrfoKku laca/kh ewY;akdu ¼'osr jDr d.kksa
vody la[;k] gheksXykschu] dksf'kdkvksa dh ifji
bR;kfn½ vkSj bldh O;k[;k(
gheksÁksVkst+ksvku jksxksa dh tkap vkSj mld

¹Hkkx III µ[k.M 4º Hkkjr dk jkti=k % vlk/kj.k

¼Fk½ ew= ewY;akdu dh ÁfØ;k vkSj jksx ds funku ds lalwpd ds :i esa mldh O;k[;k(

¼n½ ey ijh{kk & ÁfØ;k vkSj O;k[;k(

¼/k½ Ropk dh [kqjpu dh tkap vkSj O;k[;k(

¼u½ jksxksa esa jDr ds jklk;fud ÁksQkby dh O;k[;k(

¼i½ i'kq@if{k;ksa dh fofHkUu tkfr;ksa ds fy, foÑfedj.k dh ÁfØ;k vkSj [kqjkd dh ek=k(

¼Q½ laØked@Nwr ds jksxksa ds Ádksi dh jksdFkke(

¼c½ jksx dh orZeku voLFkk ds funku dh i)fr(

¼Hk½ laosnukgj.k ls iwoZ lkekU; ,uhLFkhfl;k nsuk vkSj Áfo"V djuk] rFkk mls cuk, j[kuk rFkk laosnuk
fLFkfr ls fuiVuk(

¼e½ LFkkuh; ,uhLFkhfl;k nsuk(

¼;½ raf=dk vojks/ku&LFky] dk;kZRed Á;ksx(

¼j½ Vkads yxkus dh lkexzh] Vkads yxkus dk rjhdk] vkSj xkaB cka/kuk(

¼y½ lkekU; 'kY;&fØ;k ftlesa lhax dkVuk] cky dkVuk] lht+sfj;u lsD'ku] xHkkZ'k;PNsnu] oa/;kdj.k] ÁH
O;oPNsnu 'kkfey gSa(

¼o½ cM+s vkSj NksVs i'kqvksa esa gM~Mh VwVus ij vax dks fLFkj j[kus ds fy, IykLVj p<+kuk@[ki
ds vU; rjhds(

¼'k½ ?kksM+ksa dh ran#Lrh(

¼"k½ eosf'k;ksa@?kksM+ksa@HkSalksa esa xqnk dh tkap] isM+w@mnjh; vaxksa dh Li'kZ }kjk tkap(

¼l½ dkeksUekn dh igpku] Ñf=e 'kqØlspu] xHkkZ dh igpku(

¼g½ ;ksfu@xHkkZ'k; Hkza'k vkSj d"Vnk;d Álo dks laHkkyuk(

¼gd½ lkaMksa dh ,aMªksykWftdy tkap] oh;Z dk ladyu] ifjj{k.k vkSj ewY;kadu(

¼g[k½ fofHkUu jksxksa ds fy, Vhdkdj.k dh ÁfØ;k] Vhdkdj.k dk dk;ZØe

¼gx½ cM+s vkSj NksVs i'kqvksa ds jsfM;ksxzkQ fudkyuk vkSj jsfM;ksxzkQ dh O;k[;k djuk(

¼g?k xzkgdksa dk Áca/ku(

¼gM fpfdRlk i)fr;ksa] nok[kkus dh xkfM+;ksa dk lapkyu] chekj i'kq dks fpfdRlky; Hkstus dh vko';drk l

¼gp½ egÙoiw.kZ vkS"kf/k;ksa dh [kqjkd dh vko';drk(

¼gN fofHkUu tkfr ds i'kqvksa dks vkS"kf/k nsus dh rduhd & eqag ls] vka=srj] xqnk ls] var%&mnjkoj

¼gt½ i'kq/ku ;k eqfxZ;ksa dh Áeq[k uLyksa dh igpku(

¼g> tyok;q ds iSjkehVjksa dk ekiu vkSj mudh O;k[;k(

¼g¥½ lapkj ÁkS|ksfxdh ds midj.kA

¼15½ i'kq fpfdRlk laLFkku dks viuh vko';drkvksa vkSj vk/kkjHkwr lqfo/kkvksa ds vuq:i nSfud dk;ksZa ds fooj.k dk vkdyu djuk gksxk vkSj Áf'k{kq ds dk;Zdykiksa dks i'kq fpfdRlk fDyfudy dkWEiysD vkSj i'kq/ku QkeZ dkWEiysDl esa fu;qDr lgk;d ÁksQslj ¼baVuZf'ki ,oa m|e'khyrk½ dks fofu;fer d

¼16½ mEehnokj ds fuEufyf[kr dk;Z] mÙkjnkf;Ro vkSj dÙkO;Z gksaxs%

¼i½ vLirky ds dk;ksZa ds lkFk fDyfudy ladk; esa Hkkx ysuk(

¼ii½ cM+s vkSj NksVs i'kqvksa dks vLirkyksa esa jfookj vkSj NqV~Vh ds fnuksa lfgr lHkh fnuksa esa vkikr~dkyhu vkSj jkf= M~;wVh esa Hkkx ysuk(

¼iii½ fu;qfDr LFky ij deZpkfj;ksa ds lkFk i'kq fpfdRlk dk;ksZa] mRiknu ;k ÁkS|ksfxdh esa Hkkx ysuk(

¼iv½ miLFkk;h i'kq fpfdRld dh mifLFkfr esa vLirky esa HkrhZ jksfx;ksa dk O;kogkfjd funku vkSj mip



¼v½ vkikr~dkyhu ekeyksa dks ÁkFkfed fpfdRlk Ánku djuk vkSj ,uhLFkhfl;k] jsfM;ksykWth] vYVªklks Á;ksx'kkyk rFkk uSnkfud ÁfØ;kvksa tSlh lsokvksa esa Hkkx ysukA le;≤ ij vkS"kf/k vkSj 'kY; fpfdRlk Áf'k{kq jksxksa dks le> ldsa vkSj fofHkUu fo"k;ksa ij ppkZ esa Hkkx ys ldsaA

¼17½ Áf'k{k.k ds lkFk&lkFk fDyfudy lEesyu] QkeZ dk;Z vkSj vkadM+ksa dk fo'ys"k.k] lEHkkO;rk fjik rS;kj djus] uSnkfud Áf'k{k.k ds vfHk;ku pykus ;k bl ij ppkZ djus] QkeZ Áf'k{k.k rFkk ÁkS|ksfxdh dk Áf'k

¼18½ Áf'k{kq dks fnu&Áfr&fnu ds dk;ksZa ds fy, ,d ykWx cqd cukuh gksxh ftldh tkap vkSj lR;kiu og i;Z djsxk ftlds v/khu og dke dj jgk@dj jgh gSA blds vfrfjDr Áf'k{kq dks vius v/;;u ;k dsl fo'ys"k.k] losZ{k.k ÁkstsDV fjiksVZ rS;kj djuh gksxh tks baVuZf'ki ds nkSjku mlds vius v/;;u ij vk/kkfjr gksuh pkfg,A vk vf/kd v/;kid tkap dj ldrs gSa rFkk Áf'k{kq dks ;g fjiksVZ blh mn~ns'; ds fy, vk;skftr lsfeukj esa ÁLrqr djuh

¼19½ ÁR;sd Áf'k{kq dk ewY;akdu izf'k{kq dh ykWx cqd ;k ÁkstsDV fjiksVZ ds ewY;akdu] lHkh U;wu fu;qfDr;ksa esa mlds dk;Z fu"iknu] m|e'khyrk laca/kh ifj.kke] fDyfudy ekeyksa dh fjiksVZ vkSj muds fpfdRlk dk;ksZa esa dq'kyrkvksa dh ,d O;kid fyf[kr ijh{kk ij vk/kkfjr gksxk ftls ,d ewY;kadu lfefr }kjk fd }kjk fu;qDr fd, x, lac) foHkkxksa ds ladk; lnL; 'kkfey gksaxs] rFkk ewY;akdu ds fofHkUu Hkkxksa ds fy,

ykWx cqd ;k ÁkstsDV fjiksVZ%

fofHkUu fu;qfDr;ksa ij dk;Z fu"iknu%

m|e'khyrk dh {kerk%

dsl fjiksVZ ,oa ÁzLrqrhdj.k%

fyf[kr ijh{kk%

ekSf[kd ijh{kk%

dqy%

¼20½ baVuZf'ki ewY;kadu esa mÙkh.kZ gksus ds fy, 100 esa ls de&ls&de 50 vad ÁkIr djus gksaxsA

¼21½ baVuZf'ki lQyrkiwoZd iwjh dj ysus ds i'pkr~] ladk;k/;{k baVuZf'ki Áf'k{k.k larks"ktud <ax ls iwjh Áek.ki= tkjh djsxk tSlkfd Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk fu/kkZfjr fd;k x;k gSA

¼22½ mEehnokj dsoy i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh feyus ij vFkok fo'ofo|ky; }kjk ,d vuafre fMx Áek.ki= tkjh fd, tkus ij gh jkT; ;k la?k jkT; {ks= dh i'kq fpfdRlk ifj"kn~ esa iathdj.k djkus dk ik= gksxkA

13- ijh{kk ,oa ewY;akdu &

¼1½ ;g lqfuf'pr djus dh ftEesnkjh f'k{kd ¼f'k{kdksa½ vFkok Áf'k{kd dh gksxh fd ÁR;sd ikB~;Øe dh F; izSfDVdy esa 'kkfey fd, tkus okys lHkh fo"k;ksa dks ysDpj ;k Ák;ksfxd dk;ZØe ds ek/;e ls fjdkWMZ dj f esa Nk=ksa ds chp forfjr dj fn;k x;k gSA foHkkxk/;{k ;k ladk;k/;{k dks lqfuf'pr djuk gksxk fd bl dk;Zlw dkj.kksa ls dksbZ vkdfLed fLFkfr mRiUu gksus ij] ftldh otg ls mijksDr dk;Zlwph dk ikyu lEHko u gks] dius gksaxsA

¼2½ ÁR;sd v/;kid ds dk;Z&foHkktu dk pkVZ ifj"kn~ }kjk fujh{k.k ds fy, ladk;k/;{k ds dk;kZy; esa miy rFkk ÁR;sd fo"k; ds f'k{k.k esa] fo'ks"k :i ls fMxzh dkslZ ds fy, ÁSfDVdy djrs le;] ÁksQsljksa vkSj ofj"B gksxkA

¼3½ ijh{kk bl ewY;akdu ds fy, yh tkrh gS fd D;k Nk= mPp Lrj dh ;ksX;rk ÁkIr djus esa lQy jgk gSA N 'kS{kf.kd ewY;akdu ds fy, ikB~;Øe ds ÁSfDVdy i{k ij vf/kd cy fn;k tk,xk ftlds fy, ,d vyx ijh{kk yh tk,xh ÁSfDVdy] nksuksa vyx&vyx ijh{kkvksa esa de&ls&de 50 Áfr'kr vad ysuk vfuok;Z gksxkA

¼4½ F;ksjh vkSj ÁSfDVdy nksuksa dh Hkkfjrk Øe'k% 60%40 ds vuqikr esa gksxhA

¼5½ okf"kZd ijh{kk esa ÁR;sd fo"k; esa ekSf[kd vkSj fyf[kr Á'uksa ds fy, vadksa dk forj.k Øe'k% 40%( gksxk] c'krsZ fd vkarfjd ewY;akdu ds fy, Á'ui= dk Ák:i fujh{kd ¼fujh{kdksa½ dh bPNk ds vuqlkj gksxkA

¼6½ i'kq fpfdRlk foKku ,oa i'kq ikyu Lukrd dkslZ ds nkSjku yh tkus okyh ijh{kkvksa esa vkarfjd ewY;k ijh{kk,a 'kkfey gksaxh ftudk fooj.k bl Ádkj gS%

¹Hkkx IIIµ[k.M 4º Hkkjr dk jkti=k % vlk/kj.k

| vkarfjd ewY;kadu | dkslZ dojst | | |
|---|---|---|---|
| ÁFke<br>f}rh;<br>r`rh; | 30 Áfr'kr<br>60 Áfr'kr<br>90 Áfr'kr | vf/kdre vad 40 vf/kdre<br>vad 40 vf/kdre vad 40 | Hkkfjrk<br>Hkkfjrk<br>Hkkfjrk |
| okf"kZd<br>ijh{kk<br>¼Fksjh½ | isij&1<br>isij&2 | vf/kdre vad 100 vf/kdre<br>vad 100 | Hkkfjrk<br>Hkkfjrk |
| okf"kZd<br>ijh{kk<br>¼ÁSfDV | isij&1<br>isij&2 | vf/kdre vad 60 vf/kdre<br>vad 60 | Hkkfjrk<br>Hkkfjrk |

¼7½ dqy pkj O;kolkf;d ijh{kk,a gksaxh & ÁR;sd igys] nwljs vkSj rhljs o"kZ ds i'pkr~ ,d ijh{kk gksxh vkSj pkSFkh ijh{kk blds Ms<+ o"kZ i'pkr~ gksxh rFkk bu O;kolkf;d ijh{kkvksa esa F;ksjh ijh{kk,a ckg~; Á.kkyh ij vk/kkfjr gksaxh rFkk ÁSfDVdy ijh{kk,a vkarfjd gksaxhA

¼8½ i'kq fpfdRlk fDyfudy dkWEiysDl vkSj i'kq/ku QkeZ dkWEiysDl ds fy, o"kZ esa nks ckj ijh{kk yh tk,xh] vFkkZr~ 50 Áfr'kr flyscl iwjh gks tkus ds ckn igyh ÁSfDVdy ijh{kk vkSj dkslZ iwjk gks tkus ds i'pkr~ nwljh ijh{kk yh tk,xh] fdarq nwljh ijh{kk esa iwjk ikB~;Øe 'kkfey gksxk rFkk okf"kZd O;kolkf;d ijh{kk ÁR;sd fo"k; dh 100 Áfr'kr lkexzh dh f'k{kk iwjh gks tkus ds ckn yh tk,xh rFkk nksuksa vkarfjd ewY;kaduksa esa ls loZJs"B ifj.kke ij gh fopkj fd;k tk,xkA

¼9½ vkarfjd ijh{kkvksa dh mÙkj iqfLrdkvksa dk ewY;akdu lac) v/;kid ¼v/;kidksa½ }kjk fd;k tk,xk tcfd okf"kZd F;ksjh ijh{kk dh mÙkj iqfLrdkvksa dk ewY;akdu ckgjh ijh{kd }kjk fd;k tk,xkA

¼10½ ÁSfDVdy ijh{kk ,d ijh{kk cksMZ }kjk vk;ksftr dh tk,xh ftlesa lac) foHkkxk/;{k] f'k{kd vkSj ladk;k/;{k dk ,d Áfrfuf/k rFkk f'k{kd 'kkfey jgsaxs] ftUgsa ÁSfDVdy ijh{kk ds ewY;kadu ds le; fuEufyf[kr ij fopkj djuk gksxk%

¼i½ ÁR;sd Nk= }kjk ÁSfDVdy fjdkWMZ djus ds fy, cukbZ tkus okyh ,d fjdkWMZ ;k ykWx cqd(

¼ii½ fyf[kr ijh{kk ;k Nk= dh ÁSfDVdy djus {kerk dk i;Zos{k.k vkSj mlds ckjs esa ntZ dh xbZ fVIif.k;ka(

¼iii½ ekSf[kd ijh{kk }kjk ÁR;sd Nk= dh foLr`r ;ksX;rk vkSj tkudkjh dk ewY;akdu ¼okbok&oksl½A

¼11½ vkarfjd ewY;kadu dh mÙkj iqfLrdk,a Nk=ksa dks fn[kkbZ tk,axh rFkk vkarfjd ijh{kk vkSj okf"kZd ÁSfDVdy ijh{kk ds fjdkWMZ ijh{kk fu;a=d ds le{k ÁLrqr djus gksaxsA

¼12½ ÁSfDVdy fu;e eSuqvy ÁR;sd fo"k; ds lac) foHkkx }kjk rS;kj fd, tk,axsA

¼13½ vkarfjd ewY;akdu dh vof/k de&ls&de ,d ?kaVk gksxh tcfd okf"kZd F;ksjh ijh{kk dh vof/k rhu ?kaVk gksxh vkSj okf"kZd ijh{kk vkjaHk gksus ls ,d ekg iwoZ] ijh{kd dks] Nk= dh nks vkarfjd ijh{kkvksa esa ls loZJs"B vad ijh{kk fu;a=d ;k jftLVªkj ds le{k ÁLrqr djus gksaxsA

¼14½ okf"kZd F;ksjh ijh{kk vk;ksftr djus ds fy, ,d fof/kor~ fu;qDr fd, x, Á'u&i= fuekZrk ls Á'u&i= vkeaf=r fd, tk,axs rFkk Á'u&i= fuekZrk dks dklZ dh :ijs[kk ds lkFk&lkFk Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk fu/kkZfjr ikB~;Øe vkSj flyscl nh tk,xh rFkk Á'u&i= fuekZrk ls Á'u&i=ksa ds nks lSV rS;kj djus dk vuqjks/k fd;k tk,xk] ftuesa ls ,d Áeq[k ijh{kk ds fy, vkSj nwljk ifjiwjd ijh{kk ¼;fn dksbZ gks rks½ ds fy, gksxkA

¼15½ lac) f'k{kd }kjk vkarfjd ewY;akdu] f'k{kk dk;ZØe dks ÁHkkfor fd, fcuk] [kkyh ihfj;M esa fd;k tk,xk c'krsZ fd okf"kZd ijh{kk,a fo'ofo|ky; }kjk fu/kkZfjr rkjh[k] le; vkSj LFkku ij vk;ksftr dh tk,axh rFkk ijh{kk ds ifj.kke vxyk 'kS{kf.kd o"kZ vkjaHk gksus ls igys gh ?kksf"kr dj fn, tk,axsA

¼16½ okf"kZd ijh{kkvksa ds dk;ZØe dk dBksjrk ls ikyu fd;k tk,xk vkSj Nk=ksa }kjk gM+rky] cfg"dkj] cfgxZeu djus ij vFkok esfMdy vk/kkjksa ij vFkok tks Hkh dkj.k gks] iqu%&ijh{kk dh vuqefr ugha nh tk,xhA

¼17½ ifjiwjd ijh{kk,a vxys o"kZ ds iathdj.k ds chl dSysaMj fnolksa ds Hkhrj vk;ksftr dh tk,axh% c'krsZ fd mEehnokj dks dsoy nks fo"k;ksa esa vlQy gksus ij vuafre :i ls vxyh d{kk esa cSBus dh vuqefr nh tk ldsxhA Nk= dks rc rd i'kq foKku ,oa i'kqikyu Lukrd dh vxyh d{kk esa ÁksUur ugha fd;k tk,xk tc rd fd og ml fo"k; ¼fo"k;ksa½ esa mÙkh.kZ u gks tk, ftlesa og vlQy jgk FkkA

¼18½ vko';drk iM+us ij ijh{kkvksa ds fjdkWMZ ifj"kn~ dks miyC/k djk, tk,axs] rFkk ewY;akdu ds lHkh fjdkWMZ okf"kZd ijh{kk vk;ksftr gksus ds N% ekg ckn rd laHkkydj j[kus gksaxsA



14- f'k{kd] ijh{kd] isij fuekZrk

¼1½ vf/kfu;e dh vuqlwph esa 'kkfey cqfu;knh i'kq fpfdRlk mikf/k ÁkIr ,sls mEehnokjksa dks i'kq ds f'k{kd ladk; esa HkrhZ fd;k tk,xk tks jkT; i'kq fpfdRlk ifj"kn~ esa iathÑr gksaxs vkSj ftuds ikl lac) fo"k; esa LukrdksÙkj mikf/k ekStwn gksxhA Ñf"k foKku HkrhZ cksMZ }kjk vk;ksftr jk"Vªh;rk ik=rk ijh{kk esa mÙkh.kZ gksus okys mEehnokjksa dks ojh;rk nh tk,xh vkSj ;fn jk"Vªh;rk ik=rk ijh{kk esa mÙkh.kZ gksus okys Nk= miyC/k u gksa] rks inksUufr ls igys mUgsa jk"Vªh;rk ik=rk ijh{kk mÙkh.kZ djuh gksxh rFkk dkWyst ;k fo'ofo|ky; fjDr LFkku ij] vf/kdre nks o"kZ ds fy,] i'kq fpfdRlk oa i'kq ikyu Lukrd ;k e- l-oh-lh- vgZrk okys mEehnokjksa dks HkrhZ di ldrs gSa] vkSj

¼2 i'kq fpfdRlk d,yst esa Mhu vkSj foHkkxk/;{k ds in ij dsoy ,sls v/;kid dh fu;qfDr dh tk,xh ftlds cqfu;knh i'kq fpfdRlk mikf/k gksxhA i'kq fpfdRlk dkWyst ds f'k{kd iw.kZdkfyd f'k{kd gksaxs vkSj os xSj&O:kolkf;d HkÙkk ¼,uih,½ ikus ds gdnkj gksaxsA

¼3 i'kq fpfdRlk foKku vkSj i'kqikyu Lukrd ds ikBîØe dh O;kolkf;d ijh{kk ysus ds fy, vke rkSj ij dks ijh{kd vFkok Á'u&i= fuekZrk :i esa fu;qä fd;k tk,xk] ftlds ikl vf/kfu;e dh igyh vFkok nwljh vuqlwph esa 'kkfey vgZrk,a gksaA fdUrq ,sls O;fä dks Hkh lac) fo"k; dk ijh{kd fu;qä fd;k tk ldrk gS] ftlds ikl ÅijksfYyf[kr mikf/k;ka u gksa] c'krsZ fd mlds ikl ml fo"k; esa MkDVjsV dh mikf/k gks vkSj Lukrd&iwoZ d{kkvksa dks i<+kus dk de ls de rhu o"kZ dk vuqHko gksA

c'krZs fd]

¼d½ ,sls fdlh O;fä dks cká ijh{kd ds :i esa fu;qä ugha fd;k tk,xk] ftlds ikl v/;kiu dk de&ls&de rhu o"kZ dk vuqHko u gks(

¼[k½ ysDpjj ;k lgk;d çksQslj vFkok led{k Js.kh ls de Js.kh ds fdlh O;fä dks vkUrfjd ijh{kd fu;qä ugha fd;k tk,xk(

¼x½ fdlh O;fä dks iSjkfDydfudy ;k fDyfudy fo"k; esa cká ijh{kd fu;qä ugha fd;k tk,xk] tc rd fd mlds ikl i'kq fpfdRlk dh dksbZ ekU;rkçkIr vgZrk vkSj lac) fo"k; esa LukrdksÙkj fMxzh rFkk f'k{k.k dk vuqHko u gks(

¼?k½ ljdkjh@v/kZ&ljdkjh vFkok leku laxBuksa esa dke djus okys O;fä;ksa dks cká ijh{kd fu;qä djus ij fopkj fd;k tk ldrk gS] c'krsZ fd mUgsa Åij fu/kkZfjr mikf/k vkSj vuqHko izkIr gksa(

¼M+½ lkekU;r;k] LFkkuh; O;fä ¼O;fä;ksa½ dks Á'u&i= fuekZrk ;k ijh{kd fu;qä ugha fd;k tk,xk c'krsZ fd ijh{kk ds le; dksbZ vkikr~dkyhu fLFkfr mRiUu gksus ij ¼tSls fu;qä ijh{kd ds u igqapus vFkok Á'u&i= fuekZrk ls Á'u&i= ÁkIr u gksus] bR;kfn dh fLFkfr esa½] fo'ofo|ky; okf"kZd cksMZ ijh{kk dks LFkfxr gksus@jí djus ls cpkus ds fy,] bl dk;Z ds fy, fdlh vgZrkçkIr O;fä dks fu;qä dj ldrk gSA

15- mifLFkfr &

¼1½ fdlh fo"k; ds laca/k esa mifLFkfr dh vfuok;Z 'krZ dks rc rd iwjk ugha ekuk tk,xk tc rd fd Nk= lkekU;r;k lHkh vuqlwfpr F;ksjh vkSj ÁfDVdy d{kkvksa esa mifLFkr u gqvk gks( rFkkfi F;ksjh vkSj ÁsfDVdy esa vfuok;Z :i ls mifLFkfr 75 çfr'kr ls de ugha gksuh pkfg,] ftlesa ,ulhlh ;k ,u,l,l] ikB~;srj dk;ZØeksa esa Hkkx ysus vFkok fpfdRlk ds vk/kkj ij 20 dk;Z fnolksa dh NwV nh tk ldsxh( rFkk 0$1 ØsfMV dkslZ ds fy, dsoy lkr fnuksa dh NwV nh tk,xhA

¼2½ fdlh fo"k; esa mEehnokj dh mifLFkfr 75 çfr'kr ls de gksus ij] mEehnokj mDr fo"k; dh okf"kZd ijh{kk esa cSBus dk ik= ugha gksxkA

¼3½ fdlh fo"k; esa Nk= dh mifLFkfr ds Áfr'kr dk ifjdyu] iathdj.k dh rkjh[k ij /;ku fn, fcuk] d{kk,a ÁkajHk gksus dh rkjh[k vkSj d{kkvksa dk lekiu gksus dh rkjh[k ds chp gksus okyh F;ksjh vkSj ÁSfDVdy d{kkvksa dh dqy la[;k ds vk/kkj ij fd;k tk,xk( c'krsZ dEikVZesaV ijh{kk esa vuqÙkh.kZ gksus ds dkj.k fiNyh d{kk esa Hksts x, Nk=ksa ds ekeys esa mifLFkfr dk ifjdyu dEikVZesaV ijh{kk ds ifj.kke dh ?kks"k.kk dh rkjh[k ls d{kkvksa ds lekIr gksus dh rkjh[k rd fd;k t,xk vkSj ÁFke o"kZ dh mifLFkfr dh x.kuk iathdj.k dh rkjh[k ls dh tk,xhA

16- mUufr &

¼1½ fdlh O;kolkf;d o"kZ esa fdlh Nk= dh lQyrk dk fu.kZ; dsoy vkUrfjd ewY;akdu vkSj okf"kZd ijh{kkvksa ds dqy vadksa ds vk/kkj ij fd;k tk,xkA

¼2½ Nk= dks dsoy rHkh vxyh O;kolkf;d d{kk esa p<+k;k tk,xk tc og viuh d{kk ds lHkh fo"k;ksa esa mÙkh.kZ gqvk gks vkSj mlus F;ksjh ¼vkarfjd vkSj ckg~; nksuksa dks feykdj½ vkSj ÁSfDVdy esa vyx&vyx de&ls&de 50 Áfr'kr vad ÁkIr fd, gksaA



¼3½ i'kq fpfdRlk ,oa i'kq ikyu Lukrd fMxzh çkIr djus ds fy, fMxzh dk;ZØe ds vUr esa Nk= dk vksthih, 1 ls 5-00 gksuk pkfg,A

¼4½ Nk= dks dEikVZesaV ijh{kk dk ifj.kke ?kksf"kr gksus rd] vuafre :i ls vxyh mPp O;kolkf;d d{kk esa ldrk gS] c'krsZ fd vuafre mUufr mDr fo"k;@fo"k;ksa dh dEikVZesaV ijh{kk esa mÙkh.kZ gksus ds gksxhA fdarq ;fn Nk= dEikVZesaV ijh{kk esa vuqÙkh.kZ jgsxk] rks mls Lor% gh okfil ml d{kk esa Hkst mUufr nh xbZ FkhA

¼5½ vuqÙkh.kZ gksus okys Nk=ksa dks] lewph O;kolkf;d d{kk ds fy,] ftlesa os Qsy gq, Fks] nksckjk iat vkSj bu Nk=ksa dks bl d{kk dh lHkh vko';drkvksa dks u, fljs ls iwjk djuk gksxkA

¼6½ ch-oh-,llh- vkSj ,-,p- fMxzh dk;ZØe dh fdlh O;kolkf;d d{kk dh okf"kZd ijh{kk esa fujUrj rhu o"kZ gksus okyk Nk= Lrjghu 'kSf{kd dk;Zfu"iknu ds dkj.k varr% Lo;a gh fo'ofo|ky; ls ckgj gks tk,xk ¼pkSFks C NksM+dj½A

¼7½ fdlh Hkh i'kq fpfdRlk dkWyst esa] fdlh Hkh ekeys esa Nk= dks i'kq fpfdRlk foKku ,oa i'kqikyu Luk ukS o"kZ ls vf/kd vof/k rd tkjh j[kus dh vuqefr ugha nh tk,xh ¼dsoy baVuZf'ki dks NksM+dj½A

17- dEikVZesaV ijh{kk &

¼1½ vf/kdre dsoy nks fo"k;ksa esa vuqÙkh.kZ gksus okys Nk=ksa dks mDr fo"k; ¼fo"k;ksa½ dh dEikV vuqefr nh tk ldrh gSA dEikVZesaV ijh{kk esa mu fo"k;ksa ds] ftlesa Nk= vuqÙkh.kZ gqvk gS] F;ksjh vk 'kkfey gksaxs vkSj ftudh Hkkfjr Øe'k% 40 vkSj 40 Áfr'kr gksxh rFkk dEikVZesaV ijh{kk ds ewY;kady ewY;akdu esa ÁkIr gq, vadksa ij Hkh fopkj fd;k tk,xkA

¼2½ dEikVZesaV ijh{kk,a vxys o"kZ dh iathdj.k dh rkjh[k ls 20 dSysaMj fnuksa ds Hkhrj yh tk,axh vkSj dEikVZesaV ijh{kk esa vuqÙkh.kZ gks tk, rks mls fiNyh ewy d{kk esa çR;kofrZr dj fn;k tk,xk vkSj mDr d ifj.kke ijh{kk gksus ds 10 fnuksa ds Hkhrj ?kksf"kr dj fn;k tk,xkA

18- mÙkj iqfLrdkvksa dh tkap vkSj =qfV;ksa dk lq/kkj &

¼1½ mÙkj iqfLrdk ¼iqfLrdkvksa½ ds iquewZY;kadu dh laoh{kk djkus dh O;oLFkk gksxhA

¼2½ rFkkfi] Nk= dks viuh mÙkj&iqfLrdk ¼iqfLrdkvksa½ dh laoh{kk djkus dh vuqefr nh tk,xh ftlds fy, ifj.kkeksa dh ?kks"k.kk gksus ds ckn rhu fnu ds Hkhrj vkSj fu/kkZfjr 'kqYd dk Hkqxrku djus ds ckn ijh{kk leUo;drkZ ds le{k vkosnu nsuk gksxkA

¼3½ ijh{kk&fu;a=d vFkok leUo;drkZ ¼ijh{kk½ mÙkj&iqfLrdk ¼iqfLrdkvksa½ dh vuqoh{k.k lfefr }kjk O;oLFkk djsxk ftldh fu;qfDr ladk;k/;{k }kjk dh tk,xhA

¼4½ laoh{kk dk vfHkçk; gS vadksa dks fQj ls tksM+uk] vkSj ;fn dksbZ ,slk ç'u gks] ftlds fy, vad u fn, x, mldk ewY;akdu djukA

¼5½ laoh{kk esa dqy vadksa dk ;ksx xyr ik;k tkus ij] rks mls Bhd fd;k tk,xk vkSj ifj.kke dks rn~uqlkj la'k fd;k tk,xk ¼pkgs vad igys ls de gksas½] vkSj dksbZ ç'u ijh{kd }kjk fcuk tkap fd, NwV x;k gks] rks mÙkj& dks vko';d dkjZokbZ ds fy, ijh{kd ds ikl Hkstk tk,xk vkSj vadksa esa dksbZ ifjorZu gksus ij] ifj.kke ¼ la'kksf/kr fd;k tk,xkA

¼6½ laoh{kk ds ckn izkIr gq, ifj.kke ds laca/k esa Nk= ¼Nk=ksa½ dk dksbZ vH;kosnu Lohdkj ugha fd;k

¼7½ ;fn laoh{kk ds ifj.kkeksa ds vk/kkj ij dksbZ Nk= dEikVZesaV ijh{kk esa cSBus dk ik= gks tk,] rks fu/kkZfjr rkjh[k dks dEikVZesaV ijh{kk esa cSBus ds fy, lEcfU/kr Ákf/kdkjh ds le{k vkosnu ns ldrk ¼ldrh ijh{kk dh fu/kkZfjr rkjh[k esa] fdlh Hkh ifjfLFkfr esa dksbZ ifjorZu ugha fd;k tk,xkA

¼8½ okf"kZd cksMZ ijh{kk esa ÁkIr ifj.kke O;ofLFkr djus ds fy, dkWyst ds ladk;k/;{k ds ijke'kZ ls ijh{k leUo;udrkZ rhu lnL;ksa dh ,d lfefr dk xBu djsxk ftlesa f'k{k.k ladk; ds nks lnL; vkSj v/;{k ds :i esa dk 'kkfey gksaxsA ;g lfefr ifj.kkeksa dk vuqlheu djsxh vkSj fdlh fo'ks"k fo"k; esa ijh{kk nsus okys Nk=ksa Nk=ksa ds vuqÙkh.kZ gksus dh n'kk esa ifj.kkeksa dks ifjlhfer djus dh flQkfj'k djsxk] rFkk lq>kbZ xbZ gksus okys Nk=ksa ds esfjV esa dksbZ cnyko fd, fcuk] lHkh Nk=ksa ij leku :i ls vkxw fd;k tk,xkA

¼9½ ifj.kkeksa ds vuqlheu ls] fdlh fo'ks"k mEehnokj ds fdlh ,d O;kolkf;d o"kZ esa dqy 5 ls vf/kd vad ugh tk,axs] rFkk ,d fo"k; esa fdlh Hkh fLFkfr esa 3 ls vf/kd vad ugha c<+kus gksaxsA rFkk ifj.kkeksa ds vuqlhe ijh{kkvksa ij vkxw ugha gksaxs rFkk fdlh Hkh fLFkfr esa fi;k;rh vadksa dk dksbZ Áko/kku ugha gksxkA



19- xzsfMax &

¼1½ fdlh fo"k; ds xzsfMax ikWbaV ¼thih½ ,d fo"k; esa Nk= }kjk 100 esa ls 10 foHkkftr djds fudkys tk,axsA

¼2½ fdlh fo"k; ds ØsfMV ikWbaV fudkyus ds fy, xzsfMax ikWbaV ¼thih½ dks ØsfMV ?kaVksa ls xq.k

¼3½ dqy ØsfMV ikWbaV çkIr fd, x, ØsfMV ikWbaVksa dk ;ksx gksxkA

¼4½ xzsM ikWbaV vkSlr fudkyus ds fy, vftZr fd, x, dqy ØsfMV ikWbaVksa ds ;ksx dks ØsfMV ?kaVks fd;k tk,xkA

¼5½ dqy ;k lexz xzsM ikWbaV vkSlr fudkyus ds fy, vftZr fd, x, lexz ØsfMV ikWbaV ds dqy ;ksx dks Øs ds dqy ;ksx ls foHkkftr fd;k tk,xkA

¼6½ fMoht+u Js.khdj.k dh ikjEifjd Ldksfjax Á.kkyh ds laca/k esa lexz xzsM ikWbaV vkSlr dh vuq:ih Js. gksxh%&

| | | |
|---|---|---|
| 8-000 ls vf/kd & | | Js"Brk lfgr ÁFke Js.kh |
| 7-000&7-999 | & | ÁFke Js.kh |

6-000&6-999 & f}rh; Js.kh

5-000&5-999 & mÙkh.kZ

¼7½ foLr`r vad rkfydk dk Ák:i vkSj fMxzh dh Áfrfyfi ifjf'k"V&1 vkSj ifjf'k"V&2 ds :i esa bu fofu;eksa d layXu gSaA

Hkkx **v**

ikB~;Øe ,oa iBu lkexzh

20- O;kolkf;d ikB~;Øe dk o"kkZuqlkj forj.k

¼1½ ÁFke O;kolkf;d

| | | |
|---|---|---|
| i'kq 'kjhj&jpuk | | 4$3¾7 |
| i'kq 'kjhj&fØ;k foKku | | 4$1¾5 |
| i'kq tSo&jlk;u foKku | | 2$1¾3 |
| i'kq/ku mRiknu Áca/ku | | 4$2¾6 |
| | dqy 14$7¾21 | |

¼2½ f}rh; O;kolkf;d

| | | |
|---|---|---|
| i'kq lw{e tho foKku | | 3$2¾5 |
| i'kq foÑfr foKku | 4$2¾6 | |
| i'kq vkuqoaf'kdh ,oa Átuu | 3$1¾4 | |
| i'kq iks"k.k | | 3$1¾4 |
| | dqy 13$6¾19 | |

¼3½ r`rh; O;kolkf;d

| | | |
|---|---|---|
| i'kq vkS"k/k foKku ,oa fo"k foKku | | 4$1¾5 |
| i'kq yksd LokLF; foKku ,oa i'kqtU; jksx | | 3$1¾4 |
| i'kq ijthoh foKku | | 3$2¾5 |
| i'kq/ku mRiknu ÁkS|ksxdh | | 2$1¾3 |
| i'kq fpfdRlk ,oa i'kqikyu foLrkj.k f'k{kk | | 3$1¾4 |
| i'kq fDyfudy ÁSfVDl&1 | 10$1¾1 | |
| i'kq/ku QkeZ ÁSfDVl | | 0$2¾2 |
| | dqy 15$9¾24 | |



¼4½ prqFkZ O;kolkf;d

| | | |
|---|---|---|
| i'kq 'kY; fpfdRlk ,oa jsfM;ks/kfeZrk | | 2$1¾3 |
| i'kq vkS"k/k foKku | | 4$1¾5 |
| i'kq Ekknk jksx foKku ,oa Álwfr foKku | | 2$1¾3 |
| i'kq fDyfudy ÁSfVDl&2 | | 20$6¾6 |
| | dqy 8$9¾17 | |

21- ikB~; lkexzh

¼1½ lkekU; fVIif.k;ka

lHkh i'kq fpfdRlk dkWystksa esa Án'kZu ds fy,] thfor i'kqvksa ds fodYi ds :i esa i'kqvksa ds ekWMyksa ds Á;ksx dks ÁksRlkfgr djuk gksxk rFkk fo"k;ksa dks HkyhHkkafr le>kus ds fy, dEI;wVj vuq:i.k ekWMyksa] lh&Mh jkse] fQYeksa] pkVksZa vkSj ltho

ekWMyksa dk Á;ksx djuk gksxk rFkk uSfrd :i esa 'ko ÁkIr djus ds dk;ZØe LFkkfir djus gksaxsA

¼2½ foHkkxkuqlkj fooj.k

¼i½ i'kq 'kjhj jpuk foHkkx

i'kq 'kjhj jpuk ØsfMV ?kaVs% 4$3

vaxfoPNsnu dk dk;Z nku }kjk ÁkIr gq, i'kqvksa ds 'koksa ij vFkok iksLV&ekWVZe foHkkx ls ÁkIr i'kqvksa ij djuk gksxk( nku esa feys i'kq vlk/; jksx ls xzLr gksus pkfg, vFkok mudk var le; fudV gksuk pkfg,( rFkk foPNsfnr i'kqvksa dk uewuksa ds :i esa Á;ksx djuk gksxkA

ÁR;sd dkWyst esa ,d o"kZ ds Hkhrj ,d 'ko&nku dk;ZØe vFkok ^taxyh i'kqvksa ds 'ko ÁkfIr* dk;ZØe ykxw djuk gksxkA fo"k; dks HkyhHkkafr le>kus ds fy, dEI;wVj vuq:i.k lkW¶Vos;j] ekWMy] iqrys] IykLVhÑr ekWMy] 'kjhj ds lajf{kr vo;oksa] ekWMyksa dk Á;ksx djuk gksxkA

F;ksjh

;wfuV%1

'kjhj&jpuk foKku] 'kjhj&jpuk foKku dh 'kk[kkvksa rFkk 'kjhj&jpuk esa Á;ksx gksus okyh O;k[;kRed 'kCnkoyh rFkk 'kjhj&jpuk {ks= dk ifjp;

lkekU; vfLFk foKku] laf/k foKku vkSj is'kh foKku% vfLFk;ksa ds xq.kksa vkSj lajpuk dk v/;;uA dadkykas dk oxhZdj.k] mi;qDr mnkgj.kksa lfgr vfLFk;ksa dk oxhZdj.k] rFkk vfLFk foKku esa ç;qä gksus okys 'kCnksa dh ifjHkk"kkA vfLFk foKku dk ifjp;] laf/k;ksa dk oxhZdj.k] Mk;kjFkksfMZ;y laf/k;ksa ds Ádkj] Mk;kjFkksfMZ;y laf/k;ksa dh lajpuk vkSj muds }kjk gksus okyk pyuA is'kh foKku dk ifjp;] ekalisf'k;ksa dk oxhZdj.k] ekalisf'k;ksa dh mRifÙkA jTtqvksa] vfLFk eTtk] daMjkrarq] fluksfo;y 'khFk dk fooj.kA

¼'kjhj ds fofHkUu fgLlksa dh isf'k;ksa ds fooj.k dk v/;;u lac) Ák;ksfxd d{kk esa fd;k tk,xk½A

lkekU; jDr lapkj foKku] raf=dk foKku ,oa ,fLFkfl;ksykWth% jDr lapkj foKku dk ifjp;] g`n; dh lajpuk] nSfgd vkSj /keuh; lapkj] ylhdk vkSj f'kjkvksa dh lkekU; :ijs[kkA raf=dk foKku dk ifjp;] rFkk dsanzh;] ifj/kh; rFkk vkWVksuksfed raf=dk Á.kkyh vkSj KkusfUnz;ksa dk ifjp;A es:jTtq dk fuekZ.kA efLr"dkoj.k ;k rkfudk] efLr"d vkSj es#naM dh lajpukA

fofHkUu lrgh LFky] laf/k LFkyksa] vfLFk;ksa ds Li'kZuh; LFky] vFkok i'kq ds 'kjhj ij mHkkjnkj LFkyA 'kjhj dh Li'kZuh; yfldk xzfaFk;ka vkSj /kefu;ka] rFkk f'kjkos/k ds fy, lrgh f'kjk,aA vfLFk eTtk rFkk efLr"d es: rjy ds ladyu ds fy, LFkyA

lkekU; LiySapuksykWth ¼varM+h jksx foKku½% LiySapuksykWth dk ifjp;] o{k] mnj rFkk Jksf.k xqgkvksa dh lhek,a] ?kjsyw i'kqvksa rFkk eqxksZa esa ikpu] 'olu] ew=] var%lzkoh] uj ,oa eknk Átuu Á.kkyh dh vkÑfr;kaA

vfLFk;ksa vkSj e`nq Årdksa ds fy, jsfM;ksxzkQh vkSj vYVªklkmaM ds fl)kar vkSj Á;ksxA

;wfuV&2

vxzikn% cSy ds vxzikn dh vfLFk;ksa dk v/;;u rFkk ?kksM+s] dqÙks] lqvj vkSj eqxsZ esa varjA cSy vkSj ?kksM+s ds [kqjksa dk v/;;uA vxzikn dh laf/k;ksa] Luk;q] jgks ra= ¼LVs ,sijsVl½ eq[; jDr okfgfu;ksa] raf=dkvksa f'kjkvksa vkSj yfldk xzafFk;ksa dk v/;;u] jsfM;y] ehfM;u] vYuj vkSj oksyj raf=dkvksa ds LFkkuA



;wfuV&3

flj vkSj xnZu% cSy ds diky vkSj psgjs dh vfLFk;ksa] xzhok d'ks#dh dk v/;;u vkSj ?kksM+s] dqÙks] lqvj vkSj eqxsZ esas varjA eq[k] d{kh;] ukfldk vkSj diky xqfgdkvksa dh lhek,aA cSy]

?kksM+s] dqÙks vkSj lqvj esa iSjkust+y lkbul dk v/;;uA flj vkSj xnZu dh tksM+canh rFkk fo'ks"k Luk;qca/kuksa dk v/;;uA psgjs] tcM+s] us=] dku] ftg~ok] QSfjaDl ¼mnj½] uje rkyq] dafBdk vkSj ySfjaDl dh ekalisf'k;ksa dk v/;;uA nkar] dBksj vkSj uje rkyq] ftg~ok] QSfjaDl] ySfjaDl] FkkW;jkbM] iSjk FkkW;jkbM] vkSj ykj xzafFk;ksa dk v/;;u rFkk ?kksM+s] dqÙks] lqvj vkSj eqxsZ esa varjA flj vkSj xnZu esa diky raf=dkvksa] jDr okfgfu;ksa vkSj yfldk xzafFk;ksa dk v/;;uA xnZu dh isf'k;ksa ds lkFk tqxqyj Qjks dh lhekvksa vkSj dSjksfVM 'khFk dh lajpuk dk v/;;uA bafnz;ksa] Vªsfd;k vkSj Hkkstu ufydk dk v/;;uA nkarksa }kjk vk;q dk fu/kZj.kA Vªsfd;kVkWeh] blksQsxksVkWeh] LVsulal ufydk] rFkk easVy] esaMhcqyj] esDlhyjh] dkWuZqvy] bUÝkvkWfcZVy] lqijkvkWfcZVy ¼ÝaVy½] vkWfcZVy vkSj vkWfjdqyksiSYiscjy raf=dk CykWd rFkk ?kksM+s esa daB FkSfy;ksa dh 'kY; fpfdRlkA eosf'k;ksa esa lhax ds foPNsnu esa dkWuqZvy raf=dk vkSj lrgh VsEiskjy /keuh dk egÙoA

;wfuV&4

o{k% cSy ds o{k d'ksj#dh] ilfy;ksa vkSj mjkfLFk dk v/;;u rFkk ?kksM+s] dqÙks vkSj eqxsZ esas varjA o{k dh laf/k;ksa] fo'ks"k Luk;qvksa] raf=dkvksa] yfldk okfgfu;ksa rFkk yfldk xzafFk;ksa dk v/;;uA o{k ds vaxksa dk v/;;u] tSls Vªsfd;k] Fkk;el] Hkkstu ufydk ¼blksQsxl½] QsQM+ksa dk v/;;u rFkk ?kksM+s] dqÙks vkSj eqxsZ esa varjA Qq¶Qqlkoj.k vkSj mnjkoj.k ds ÁfrfcEcu dk v/;;uA g`n; vkSj QsQM+s ds ifjJo.k vkSj /kM+du ds {ks= rFkk iSjklsaVsfll Fkksjsfll dk vofLFkfrA

;wfuV&5

mnj% cSy ds mnj dh vfLFk;ksa dk v/;;u rFkk ?kksM+s] dqÙks vkSj eqxsZ esa varjA mnj {ks= dh laf/k;ksa] fof'k"V Luk;qvksa] jDr okfgfu;ksa vkSj raf=dkvksa dk v/;;uA mnj esa varfM+;ksa esa jDr vkSj raf=dk lIykbZ dk v/;;uA mnj esa ekStwn isfjVksfu;y ÁfrfcEcu] ikpu] ew= iz.kkyh ds vaxksa rFkk uj ,oa eknk Átuu Á.kkyh dk v/;;u rFkk ?kksM+s] dqÙks vkSj eqxsZ ls rqyukA xk; dh Lru xzfaFka;ksa dk varj vkSj rFkk ?kksM+s] dqÙks vkSj eqxsZ esa varjA cSy dh frYyh dk v/;;u rFkk rFkk ?kksM+s] dqÙks vkSj eqxsZ dh frYyh ls rqyukA mnj dh Áeq[k f'kjkvksa] yfldk okfgfu;ksa] yfldk xzafFk;ksa] vkSj var%lzkoh xzafFk;ksa dk v/;;uA ¶ySad vkSj iSjk yEcj QkSlk dh lhek,a vkSj fDyfudy egÙoA ;Ñr] fiÙkk'k; rFkk lhdy ck;ksIlh] ySÁksVkWeh] #esuksVkWeh] ,ckseSlksVkWeh] LIyhusDVkWeh] flLVksukWeh] lht+sfj;u vkWijs'ku] ,aVsjksVkWeh rFkk iSjkoVsZcjy CykWd ds LFky dk v/;;uA

;wfuV&6

i'pikn ,oa Jksf.k% cSy ds i'pikn vkSj Jks.kh dh vfLFk;ksa dk v/;;u rFkk ?kksM+s] dqÙks] lqvj vkSj eqxsZ esa varjA i'p ikn] Jks.kh] vkSj iwaN dh laf/k;ksa] Luk;qvksa] jDr dksf'kdkvksa] yfldk xzafFk;ksa vkSj raf=dkvksa rFkk Jks.kh vka= dk v/;;uA Jks.kh xqgk esa ekStwn isfjVksfu;y Áfrfcacu] ikpu] ew=] uj ,oa eknk dh Átuu Á.kkyh ds vaxksa dk v/;;u rFkk ?kksM+s] dqÙks] lqvj vkSj eqxsZ esa varjA Jks.kh esa ekStwn butquy ufydk dh lhek,a vkSj 'kqØk.kq okfgdk] t?ku eTtk dh lajpuk vkSj budk egÙoA ckg~; Átuu vaxksa dk v/;;uA fVfc;y] isjksfu;y] IykaVj vkSj I;wfcd raf=dk CykWdksa] iVsyj MsLeksVkseh] ;wjsFkzksVkseh] cf/k;kdj.k] uj ulcanh] Øsfu;y ,oa dkWMy ,ihM~;wjy laosnukgkjhA

;wfuV&7

dksf'kdk foKku] dksf'kdk laf/k] cqfu;knh Årdksa] vFkkZr~ bihfFkfy;] la;ksth] is'kh vkSj raf=dk Årdksa] jDr ,oa vfLFk eTtk dk v/;;uA ?kjsyw i'kqvksa dh ikpu] ifjlapj.k] ew=] 'olu] raf=dk ra=] yfldk] var%lzkoh Á.kkyh] uj ,oa eknk Átuu Á.kkyh ,oa Lru xzafFk;kas dk v/;;uA KkusfUnz;ksa] ;Fkk vka[k] dku dh lw{en'khZ lajpuk vkSj vkoj.k dk v/;;uA

;wfuV&8

Hkzw.k foKku] ;qXed tud] fu"kspu] foikVu] vaMksa dk Ádkj] eks#yk] CykLVqys'ku] xsLVªqys'ku] vkjksi.k] ;qXeu ds Ádkj dk ifjp;A Lru/kkfj;ksa vkSj if{k;ksa esa Hkzw.k f>Yyh dk fuekZ.kA xHkZuky vkSj bldk oxhZdj.kA fofHkUu Ádkj dh thok.kq f>fYY;k¡ vkSj muds ;qXetA ikpu Á.kkyh ds vaxksa dk fodkl ftlesa lgk;d vaxksa] tSls thHk] nkar] ykj xazFkh] ;Ñr] vkSj frYyh dk v/;;u 'kkfey gSA 'olu] ew=] ifjlajp.k] yfldk] raf=dk] is'kh&vfLFk] uj ,oa eknk Átuu Á.kkyh ds vaxksa dk fodklA var%lzkoh xzafFk;ksa] bafnz;ksa] tSls vka[k vkSj dku dk fodklA

ÁSfDVdy

;wfuV&1

'kjhj jpuk foKku esa Á;ksx gksus okyh lkekU; 'kCnkoyh] 'kjhj jpuk LFkyksa dk v/;;uA vfLFkfiatj ds fofHkUu Hkkxksa vkSj laf/k LFkyksa dk v/;;uA o{k] mnj] vkSj Jskf.k xqfgdkvksa dh lhekvksa dk v/;;uA fofHkUu Ádkj dh laf/k;ksa] is'kh eTtk] Luk;qvksa] 'ys"k cqlkZ] 'ys"k f>Yyh dk Án'kZuA g`n;] rkfudk] efLr"d vkSj es# naM dk ;FkkLFkku Án'kZuA ?kjsyw i'kqvksa ds o{k] mnj] vkSj Jskf.k xqfgdkvksa dh lhek,a rFkk ikpu] 'olu] ew=] var%lzkoh] uj ,oa eknk Átuu Á.kkyh dk ;FkkLFkku Án'kZuA

i'kqvksa dh nsg esa fofHkUu lrgh LFkyksa] laf/k LFkyksa vkSj Li'kZuh; vfLFk LFkyksa vFkok mHkkjnkj LFkyksa dk Án'kZuA lkekU; :i ls foHkax gksus okys LFkyksa] nsg dh Li'kZuh; Luk;q xzafFk;ksa] rFkk /kefu;ksa ¼cSy esa osaVªy dkWDlhft;y /keuh] dqÙks vkSj fcYyh esa tka?k dh fQeksjy /keuh] ?kksM+s esa eq[k dh /keuh½ rFkk f'kjkos/k ds fy, lrgh f'kjk,a ¼dqÙks vkSj fcYyh esa flQsfyd f'kjk vkSj



jhdjaV f'kjk rFkk cM+s i'kqvksa esa tqxqyj f'kjk½ rFkk vfLFk eTtk vkSj ÁefLr"d es# nzo fudkyus ds fy, LFkyksa dk Án'kZuA fofHkUu vaxksa ds jsfM;kxzkQ vkSj vYVªklkmaM fp=ksa rFkk fofHkUu vfLFk;ksa esa foHkax dk Án'kZuA

;wfuV&2

vxzikn% cSy ds vxzikn dh fofHkUu gfM~M;ksa dk Án'kZu vkSj ?kksM+s] dqÙks] lqvj vkSj eqxsZ dh vfLFk;ksa esa varjA vxzikn dk foPNsnuA vxzikn dh laf/k;ksa] Luk;qvksa] isf'k;ksa] Áeq[k jDr okfgdkvksa] Luk;q xzafFk;ksa] vkSj raf=dkvksa dk Án'kZuA vxzikn ds foPNsnu ds fy, fofHkUu raf=dk [kaMksa ;k U;wjsDVkseh dk v/;;uA da/kk Lohuh esa lqÁkLdSiyj raf=dk i{kk?kkr] Vksfir dksguh esa jsfM;y raf=dk i{kk?kkr dk v/;;uA ?kksM+s ds [kqj dk v/;;u vkSj bldh cSy ls rqyukA vxzikn dh lkekU; vfLFk;ksa ds jsfM;kxzkQ dk Án'kZuA dqÙks esa var%f'kjk batsD'ku nsus ds fy, flQsfyd f'kjk dk egÙoA

;wfuV&3

flj rFkk xnZu% cSy dh diky vkSj psgjs dh vfLFk;ksa dk Án'kZu vkSj budh ?kksM+s] dqÙks vkSj eqxsZ ls rqyukA psgjs] tcM+s] thHk] 'okl ufydk] e`nq rkyq] dafBdk] ySfjaDl] vka[k vkSj dku dh isf'k;ksa dk foPNsnuA xnZu dh ckgjh isf'k;ksa dk foPNsnuA efLr"d vkSj blds Hkkxksa dk foPNsnuA vak[k dh vkojd f>Yyh dk foPNsnuA nkar] thHk] Hkkstu ufydk] FkkW;jkbM] iSjkFkkW;jkbM] rFkk ykj xzafFk;ksa dk v/;;u vkSj ?kksM+s] dqÙks] lqvj vkSj eqxsZ ls rqyukA flj rFkk xnZu dh diky raf=dkvksa vkSj jDr okfgfu;ksa dk v/;;uA 'okluyh vkSj xzkl uyh dk v/;;uA flj ds raf=dk [kaMksa] vFkkZr~ dkWuqZvy] vkWjhdqyks&iYiscjy] ihVjlal vkWfcZVy raf=dk [kaM] eafMcqyks&,fYo;ksyj rFkk efLr"d raf=dk [kaMksa dk v/;;uA ?kksM+s esa ukM+h dk irk yxkus ds fy, eq[k dh /kefu;ksa dk egÙoA daBh; FkSfy;ksa& focksxZ Vªk,axy dh 'kY; fØ;k dk v/;;uA cM+s i'kqvksa esa var%f'kjk batsD'ku nsus ds fy, tqxqyj f'kjk dk fDyfudy egÙoA flj ,oa xnZu dh lkekU; vfLFk;ksa ds jsfM;ksxzkQ dk Án'kZuA

;wfuV&4

o{k% cSy ds o{k ds d'ks#dh] ilfy;ksa] vkSj mjkfLFk dk Án'kZu vkSj ?kksM+s] dqÙks] lqvj rFkk eqxsZ ls rqyukA o{k dh isf'k;ksa] jDr okfgfu;ksa] raf=dkvksa vkSj yfldk xzafFk;ksa dk foPNsnuA o{k ds vaxksa vFkkZr~ 'okluyh] xzkluyh] Fkkbel] QsQM+s vkSj g`n; dk Án'kZu rFkk ?kksM+s] dqÙks] lqvj rFkk eqxsZ ls rqyukA o{k xqgk ds Qq¶Qql Áfrfcacksa dk v/;;uA ifjJo.k rFkk vk?kkr ds LFkyksa dk Án'kZu] ?kksM+kas esa ckj&ckj gksus okys ySfjaft;y raf=dk i{kk?kkr~ dk v/;;uA 'okljks/ku] ;k xzklufydk esa vojks/kA o{k ds vaxksa dh vYVªklksuksxzkQh ds jsfM;kxzkQ ,oa ohfM;ks dk Án'kZuA

;wfuV&5

mnj% cSy ds mnj dh lhek cukus okyh vfLFk;ksa dk Án'kZu vkSj ?kksM+s] dqÙks] lqvj vkSj eqxsZ esa varjA mnj dh isf'k;ksa] jDr ufydkvksa vkSj raf=dkvksa dk foPNsnuA mnj esa ekStwn isjhVksfu;e] vksesUVe] fet+saVªh rFkk ikpu] ew=] uj ,oa eknk Átuu Á.kkyh ds vaxksa dk Án'kZu vkSj ?kksM+s] dqÙks] lqvj rFkk eqxsZ esa varjA xk;] ?kksM+h] dqfr;k vkSj lqvjh dh Lru xzafFk dk Án'kZuA mnj dh Áeq[k f'kjkvksa] yfldk okfgfu;ksa] vkSj yfldk xzafFk;ksa dk Án'kZuA cSy dh mnjh; varfM+;ksa dk LFkykÑfrd Án'kZu vkSj ?kksM+s] dqÙks] lqvj rFkk eqxsZ esa varjA ySisjksDVkWeh] lht+sfj;u lsD'ku] xHkkZ'k;ksPNsnu] ew=k'k; dk dSFksVjkbt+s'ku] iSjkojVscjy vkSj ,ihM~;wjy laosnukgkjh ds fy, LFky dk Án'kZuA ¶ySad ,oa iSjkyEcj QkSlk dk fDydudy egÙo rFkk ;Ñr] fiÙkdks'k vkSj lhdy ck;ksIlh ds fy, LFky dh lhekvksa dk Án'kZuA lht+sfj;u vkWijs'ku] ew=k'k; dk dSFksVjkbt+s'ku vkSj iSjkojVscjy CykWd dh ,aVsjksVkWehA mnj ds vaxksa dh vYVªklksuksxzkQh ds jsfM;kxzkQ ,oa ohfM;ks dk Án'kZuA

;wfuV&6

i'pikn ,oa Jksf.k% cSy ds i'pikn dh gfM~M;ksa dk Án'kZu vkSj ?kksM+s] dqÙks] lqvj vkSj eqxsZ dh vfLFk;ksa esa varjA i'pikn vkSj Jks.kh dh laf/k;ksa vkSj Luk;qvksa dk Án'kZuA i'pikn vkSj Jks.kh xqgk dh isf'k;ksa] Áeq[k jDr okfgdkvksa] Luk;q xzafFk;ksa] vkSj raf=dkvksa dk foPNsnuA Jksf.k xqgk dk rFkk Jksf.k xqgk esa ikpu] ew=] uj ,oa eknk Átuu Á.kkfy;ksa dk isjhVksfu;y Áfrfcacu] rFkk ?kksM+s] dqÙks] lqvj vkSj eqxsZ esa varjA ckg~; Átuu vaxksa dk v/;;uA dqÙks dh ukM+h ntZ djus ds fy, Qheksjy /keuh dj fDyfudy egÙoA dqÙks dks var%f'kjk batsD'ku nsus ds fy, fjdjaV Vkjly f'kjk dk fDyfudy egÙoA Jksf.k ds vaxksa dh lkekU; vfLFk;ksa dh vYVªklksuksxzkQh ds ohfM;ks vkSj jsfM;ksxzkQ dk Án'kZuA fVfc;y] IykaVj vkSj I;wfMd raf=dk CykWd] iVsyj MsLeksVkWeh] ;wjsFkzksVkWeh] dkLVªs'ku] ulcanh] Øsuy vkSj dkWMy ,ihM~;wjy laosnukgkjhA

;wfuV&7

lw{enf'kZdh ,oa lw{eekih% ykbV ,oa bysDVªksu ekbØksLdksi dh rqyukA ÅrdfoKkuh rduhdsa] iSjkfQu lsD'kfuax] ghesVkWfDlfyu rFkk bvksflu LVsfuax ds fy, Årdksa dk ÁlaLdj.kA bihfFkfy;e] la;ksth Årdksa] is'kh Årdksa] raf=dk Årdksa vkSj jDr dh lw{en'khZ tkapA ?kjsyw i'kqvksa dh ikpu] ifjlapj.k] 'olu] ew=] raf=dk] yfldk] var%lzkoh] uj ,oa eknk Átuu Á.kkyh] vkSj bafnz;ksa dh lw{en'khZ tkapA

;wfuV&8

fofHkUu ?kjsyw i'kqvksa dh xHkZuky] ukfHkjTtw vkSj Hkzw.kh; f>Yyh dk Án'kZuA
miyC/krk ds vuqlkj ?kjsyw i'kqvksa dh tUrtkr folaxfr;ksa dk Án'kZuA miyC/krk ds vuqlkj fofHkUu Á.kkfy;ksa ds fodkl'khy vaxksa dh LykbMksa dk v/;;uA



foPNsnu dk;Z ds fy, ÁR;sd 24 Nk=ksa ds fy, HkSal ds cNM+s ds ,d laysfir 'ko ¼nku esa ÁkIr vFkok iksLV&ekWVZe foHkkx ls ÁkIr 'ko ds :i esa ÁkIr½ dk Á;ksx djuk gksxkA

okf"kZd ijh{kk

| isij ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|
| F;ksjh | | |
| isij&1 1]2]3 ,oa 4 | 100 | 20 |
| isij&2 5]6]7 ,oa 8 | 100 | 20 |
| ÁSfDVdy | | |
| isij&1 1]2]3 ,oa 4 | 60 | 20 |
| isij&2 5]6]7 ,oa 8 | 60 | 20 |

¼**ii**½ i'kq 'kjhj fØ;k foKku ,oa tSo jlk;fudh foHkkx

| | |
|---|---|
| i'kq 'kjhj fØ;k foKku ,oa tSo jlk;fudh | ØsfMV ?kaVs% 6$2 |
| i'kq 'kjhj fØ;k foKku | ØsfMV ?kaVs% 4$1 |
| i'kq tSojklk;fudh | ØsfMV ?kaVs%2$1 |

i'kq 'kjhj fØ;k foKku

F;ksjh

;wfuV&1 ¼jDr] g`n~okfguh] raf=dk ,oa is'kh Á.kkyh½

jDr dk ifjp;( jDr nzo ds :i esa jDr ds xq.k] p;kip; vkSj vkj-ch-lh- dk fu/kkZj.kA gheksXykschu&jlk;u dh lajpuk] la'ys"k.k 'kkjhfjd fØ;k] gheksXykschu ds O;qRiUu(

g`n;% vkdkfjd fof'k"Vrk] nSfgd mÙkstuk Áokg ,oa lapkj.k ÁfØ;kA

g`n~&pØ% g`n; dh dk;Z{kerk dk fofu;eu] g`n; /keuh ifjlapj.k] ukM+h&Lianu dh xq.koÙkk] p;kip; vkSj ek;ksdkfMZ;y dksf'kdkvksa dh fØ;k'khyrk dh vkstfLork] ckg~; vkSj vkarfjd fofu;eu] bysDVªksdkfMZ;ksxzkQ vkSj i'kq fpfdRlk esa bldk egÙo& bdksdkfMZ;ksxzkQhA jDrlzko gheksLVsfllA ifjlapj.k dh jDrxfrdhA ifjlapj.k dh ÁfØ;kA Áokg dk Áfrjks/k] okfgdkladqpu] jDr nkc dk raf=dk ,oa ifjlapkj.k] jDr dh ek=k dk fu;a=.k] laoguh likV is'kh dk raf=dk&gkWeksZuy fu;a=.kA ifjlapkj.k fu;a=.k& vk?kkr dk nkc] {ks=h; ,oa Hkzw.kh; ifjlapj.kA dsf'kdk fu;a=.k] jDr nkc dk fu;a=.kA O;k;ke ds nkSjku jDr lapj.k dk lek;kstuA

is'kh 'kjhj fØ;k&ekSfyd is'kh ;wfuV fo'ks"krk,a & is'kh dksf'kdk esa oS|qr ?kVuk] is'kh dh dk;Z {kerk] mÙkstuk vkSj vkosx dh fo'ks"krk dk çlkj & çPNUu vof/k viorZdrk] çkjfEHkd Lrj & lHkh ;k dksbZ fo'ks"krk ugha] ladqpu'khy ra= & mÙkstu & ladqpu ;qXeu raf=dkis'kh ikjs"k.kA is'kh ladqpu dh fdLesasa] Fkdku dh ?kVuk] fjxj ekfVZlA

raf=dk ra= dk xBu& lwpuk çkslflax dk ra=] lksikfud fu;a=.k] çeq[k] dk;Z ra= & laosnu'khyrk] psruk] Hkkouk,a] eksVj(vka= dk fu;a=.k] vkSj ekSfyd dk;kZRed ;wfuV] raf=dk dksf'kdk dh lajpuk] çdkj & raf=dk dksf'kdk ¼U;wjksu½ ds mi&;wfuVksa dh dk;kZRed fo'ks"krk,aA f>Yyh {kerk & lqIr f>Yyh dh dk;Z{kerk dk vk;fud vk/kkj ¼vkj-,e-ih-½] raf=dk dk;Z Á.kkyh dh fo'ks"krkA mÙkstu vkSj vkosx fo'ks"krkvksa dk çlkj & çPNUu vof/k & viorZrk] çkjfEHkd Lrj rFkk lHkh ;k dksbZ fo'ks"k ughaA raf=dk rarq dk gzkl vkSj iquthZouA lw=;qXeu vkSj lfU/k lapkj.kA

raf=dk Á.kkyh ds dk;Z & vaxfoU;kl vkSj xfr dk vuSfPNd fu;a=.k] Lok;Ùk raf=dk ra= vkSj vka= dk fu;a=.k] raf=dk VªkalfeVj tkx#drk] fuæk pØ] Luk;q ra= ds mPp dk;Z& f'k{k.k] Lej.k&'kfã] bysDVªks&,uflQsyksxzkQhA bafnz;ka vkSj fo'ks"k bafnz;ksa dh vfHkxzkgd fØ;k i)fr& vka[k& dk;kZRed vkdkfjdh] iks"k.k ,oa Luk;q lqj{kk ekxZ] vfHkxzkgd ¼fjlsIVj½ & Ádkf'kdh] vkWD;qyj is'kh vkSj bldk lapkyu] Ádk'k jklk;fudh] n`f"V esa nks"k( dku& Jo.k fØ;k foKku vkSj lquus eas lkekU; nks"kA osLVhC;wy midj.kA ?kzk.k ,oa Lokn dk fØ;k foKkuA

;wfuV & 2 ¼ikpu ,oa 'olu Á.kkyh½

,dkek'k;h vkSj cgqvkek'kh; ikpu ra= dh vk—frd fo'ks"krk,aA rhoz tqxkyh] eyR;kx] oeu] ykj ds lzkoh dk;Z dk fofu;eu;] mnj] vkar] vXuk'k;] fiÙk dk lzko( Hkw[k] ew[k dk fu;a=.k] ikpu dk fodklkRed i{k& çFke vkek'k; vkSj vkar esa çnhIr] f>Yyhe; vkSj lw{ethok.kqe; ikpu] vkar dh Hks|rk dh fo'ks"krk,a] vopw"k.k dk fu;a=.k djus okyh 'kfä;ka] bysDVªksykbV ,oa ty ds vkUrh; ifjogu dk fu;a=.k] ÁFke vkek'; ¼j~;weu½ esa ,Ut+kbeh ikpu vkSj fd.oudkjh ¼QesZUVsfVo½ ikpu] çFke vkek'k; ¼:esu½ esa fo"kSys inkFkksaZ dk #ikarj.kA



if{k;ksa esa ikpu%

'okl midj.k dh dk;kZRed vdkfjdhA 'okl dh Á.kyhA jä xSlksa dk ifjogu] Hkzw.k vkSj uotkr f'k'kq esa vkDlhtu ifjogu] fo;kstu oØ] ncko] çfr{ksi ço`fÙk] yphykiu] vknzZd] Qq¶Qqlkoj.k nzo] rjy] vuqikyu] QsQMksa vkSj Årdksa esa xSlksa dk fofue;] 'olu dk raf=dh; vkSj jklk;fud fofu;eu] çlkj vkIykou] fgiksfDl;k]A ok;q çokg dk ?k"kZ.kkRed Áfrjks/kA ok;qekxZ lqpk# is'kh ladqpu] 'okl is'kh dk dk;Z] gkQuk] is'kh O;k;ke ds nkSjku 'okl dk vuqdwyu] vf/kd Å¡pkbZ;ksa ij lkal Qwyuk ¼gkbiksfDl;k½] QsQM+s ds xSj&'olu dk;Z] if{k;ksa esa 'oluA

;wfuV&3 ¼ew= foltZu ,oa var%lzkoh Á.kkyh½

xqnsZ% usQjksu dh dk;kZRed vkdkfjdh] fuL;anu nkc dks fu;af=r djus okys dkjd] Xykses#yj fuL;anu nj ¼th,Qvkj½ vkSj xqnkZ IykT+ek dk Áokg& Xywdksl] ÁksVhu] ,feuks ,flM] bysDVªksykbV] ds iqu%Ápw"k.k dh Á.kkyh] xqnsZ dh dk;ZÁ.kkyh ds v/;;u dh fof/k( ew= dh lkanzrk] ckjEckj ew=.k] ;wjhfe;kA nzo] ty larqyu rFkk ,p$ fu;a=.k] vlarqyuksa dk ewY;kadu vkSj lq/kkj] dqy ijklj.k nkcA if{k;ksa esa ew= dk fuekZ.k vkSj foltZuA ÁefLr"d&es:nzo] fluksfo;y nzo dk la?kVu] fuekZ.k vkSj Áokg( laf/k;kaA vfLFk p;kip; dk fofue;u vkSj leLFkkiuA

gkWeksZu dksf'kdk dh vUr%fØ;k] var%lzkoh Á.kkyh ds v/;;u esa g,eksZu Á.kkfy;ksa dh mi&dksf'kdk Á.kkyh& gkWeksZuksa dk p;kip;A vfHkxzkgd& fofu;eu dh dk;ZÁ.kkyh( gkbiksFksyeks&gkbiksfQflvy gkWeksZu dh jklk;fudh] y{; vax] ihfu;y] FkkbjkbM] Fkkbel] iSufØ;kt+] ,Mfjuy] çksLVkXysf.Mal] dSfYl;e p;kip; ds gkWeksZu] fodkj] jsfuu&,aftvksVsfUlu ra=] ,fVª;y usfVª;wjsfVd dkjd] ,jhFkzksiks,fVu] thvkbZ gkWeksZu] Qsjkseksal dh jklk;fudhA

;wfuV&4 ¼Átuu] nqX/k lzo.k] fodkl ,oa i;kZoj.k fØ;k foKku½

tuuxzafFk ds fodkl dk tufud vkSj vUr%lzkfod fu;a=.k] xksusMksVªksfQu foekspu dk mikUrj.k] QkeZ i'kqvksa esa v.Mk'k; ds dk;Z] iqfVdk dk fodkl] xfrdh] var%lzko vkSj vfHkxzkgd dk ÁksQkby] ;kSu xzg.k'khyrk] v.Mk'k;h pØ] v.Mk'k; dh çloksÙkj xfrfof/k] v.Mk.kq ogu] /kkfjrk] laps"k.k] çtuu pØ & xHkZ/kkj.k ds nkSjku ekr`d&Hkzw.k IyslsaVk dh Hkkxsnkjh] xHkkZof/k dk çfrj{k.k] çlo&iwoZ vUr%lzkoh dh fLFkfrA

ljVksyh dksf'kdk ds dk;Z& ysfMx dksf'kdk 'kqØk.kq dk LiesZVkstsfud pØ vkSj vkSj rjax&Ádk;Z( VsLVksLVhjksu &—R; vkSj fofu;eu& fØIVksjfpfMT+eA ifjiDork&QksVksihfj;M& ,aMªkstu] ÁkstsLVkstsal] ,LVªkstsal ds mi;ksxA

Lru xzfUFk;ksa dk dk;kZRed vkSj p;kip;h la?kVu] lajpuk vkSj fodkl] ,LVªkstsal vkSj çkstsLVjksu dk çHkko( Lruh; lao`f) esa gkWeksZuh; fu;a=.k( ysDVkstsusfll vkSj xSyDVkstsusfll( nw/k ds la?kVdksa dk tSola'ys"k.k & nw/k dk lzko] p;kip;] çksysfDVu vkSj nqX/k lzko pØA

lao`f) dk tSo&jklk;fud vkSj tufud fu/kkZjd] lao`f) dk fofu;eu] p;kip; vkSj gkWeksZu var%fØ;k] tqxkyh djus okys i'kqvksa vkSj ,dy&mnj okys i'kqvksa esa lao`f) vkSj mRiknu dh dq'kyrk dks çHkkfor djus okys dkjdA ekal mRiknd i'kqvksa vkSj if{k;ksa dk fodkl] lao`f) oØA

lao`f) ifjpkyu ds fy, fjdkWEchusaV thu VªkalQj ÁkS|ksfxdh & ykHk vkSj lhek,aA i'kqvksa vkSj eqxksZa esa ÁksVhu fu{ksi.kA

QkeZ i'kqvksa esa m".krk] m".krk lárk] gkbiksFkfeZ;k] rki&fu;a=.k] Ropk dh Hkwfedk] rki vkSj 'khr ds çfr i'kqvksa dh- vuqfØ;k] Toj] nsg dk rkieku vkSj 'khrfunzkA if{k;ksa esa rkieku fofu;euA

tyok;q foKku& fofHkUu çkpy vkSj mudk egÙoA i;kZoj.k ds fofeUu :ikUrjksa] tSls rkieku] vknZrk] çdk'k] jsfM;ks/kfeZrk] i'kqvksa ds dk;Zfu"iknu ij Å¡pkbZ dk çHkkoA i;kZuqdwyu] fLFkfr vuqdwyu & lkekU; vuqdwyu lay{k.kA vUr%lzkoh ds fDyfuDy i{k & çtuu ds dk;Z] fldkZfM;u vkorZuA

O;ogkj dk raf=dk fØ;k foKku] O;ogkj ds Ádkj] lapkj] f'k{kk vkSj Lej.k'kfDr O;ogkj esa lquE;rkA

ç;ksx

;wfuV&1 ¼jDr] g`nokfguh] raf=dk ,oa is'kh Á.kkyh½

jä uewuksa dk laxzg.k& lhje vkSj IykT+ek dk i`FkDdj.k& fMQsfczusfVM jä dk ifjj{k.k & ,jhFkzkslkbV~l] Y;wØkslkbV~l dh lax.kuk& Y;wdkslkbV~l dh varjh; lax.kuk & IysVysV~l dh lax.kuk & gsekXyksfcu dk vkdyu & ghesVksfØV & ,fjFkzkslkbV dh volknu nj & dksf'kdkvksa dh ifjiw.kZ ek=k& LdUnu le;] jälzko dk le;] ,fjFkzkslkbV dh Hkaxqjrk vkSj foLdkflrk] jä lewgu & bZlhth dk vfHkys[ku & /keuh; jä nkc dk ekiu ¼fLQXekseSuksehVjh½A raf=dk is'kh vkSj g`n; dh vdkfjdhA

;wfuV&2 ¼ikpu ,oa 'olu Á.kkyh½

:eu eksfVfyVh dh x.kuk] çFke vkek'k; ds nzoksa esa ok"i'khy olh; vEyksa vkSj veksfu;k ukbVªkstu dk vuqekuA thok.kq vkSj çksVkst+ksvk dh lax.kukA çksfV;ksfyfVd ,Utkbeksa& ,ekbyst+] isfIlu vkSj fVªfIlu dh LoLFkkus ÁfrfØ;kA

'okl dk vfHkys[ku] 'oklys[kh ¼LikbjksehVjh½A fofHkUu 'kjhj&fØ;k fLFkfr;ksa esa] Ák.kk/kkj ds fu/kkZj.k lfgr ek=k vkSj {kerkvksa dk vfHkys[kuA



;wfuV&3 ¼ew= vkSj var%lzkoh Á.kkyh½

ew= fo'ys"k.k& 'kjhj fØ;kRed la?kVd] jksxkRed fu/kkZjd] Xykses#yj fQYVjs'ku nj dk fu/kkZj.kA ew= dh vuqekI; vEyrk] vdkcZfud QkWLQksjl] ew= veksfu;k ukbVªkstu vkSj fØ,fVuhu dk fu/kkZj.kA VªkWfid gkWeksZu ds j~;wesu&vka=h; lapkyu ¼Án'kZu½ dk vfHkys[ku rFkk tSo&fu/kkZj.kA gkWeksZu vkdyu dk Án'kZuA

;wfuV&4 ¼Átuu] nqX/klzko] lao`f) ,oa i;kZoj.kh; 'kjhj&fØ;k foKku½

i'kqvksa esa dkeksUekn vkSj dkeksUekn pØ dh voLFkk ¼;ksfu 'ys"ek½A dkeksUekn ds O;ogkjkRed ladsrA 'kqØk.kqvksa dh xfr'khyrk] 'kqØk.kqvksa dh lkanzrk &thfor vkSj e`r & 'kqØk.kqvksa dh vlkekU; la[;kA fofHkUu tkfr;ksa esa lao`f) dk ekiuA i'kqvksa ds lrgh LFky dk ekiuA i'kqvksa ds LokLF; ds iSjkehVj& nsg dk rkieku] ukM+h] 'okl nj vkSj g`n; nj dk ekiuA i'kq dh i;kZoj.kh; voLFkkvksa dk ekiuA i'kqvksa dk O;ogkj & eSFkqu O;ogkj] Hkkstu O;ogkj] ¼ltho ;k ohfM;ksxzkQ ;k dE;wVj }kjk vuq:fir çn'kZu½

okf"kZd ijh{kk

| isij ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|
| F;ksjh | | |
| isij&1 1 ,oa 2 | 100 | 20 |
| isij&2 3 ,oa 4 | 100 | 20 |
| ÁSfDVdy | | |

| | | |
|---|---|---|
| isij&1 1 ,oa 2 | 60 | 20 |
| isij&2 3 ,oa 4 | 60 | 20 |

i'kq tSo&jklk;fudh dzsfMV ?kaVs = 2$1

F;ksjh

;wfuV&1 ¼lkekU; i'kq tSo jklk;fudh½

tSo&jlk;fudh dk foLrkj vkSj egÙoA tSo f>fYy;ksa dh lajpuk vkSj f>fYy;ksa ds vkjikj ikjxeuA Mksuu f>Yyh lUrqyuA vEyks dk fo;kstu] ih,p] cQj Á.kkyh] gsaMjlu&gSlyckd lehdj.kA dkcksZgkbMªsVksa dh tSojlk;fudh% egÙoiw.kZ eksukslsdsjkbMksa ¼jkbcksl] XyqØksl] ÝDVksl] xSysDVksl] esUuksl vkSj vehuks 'kdZjk,a½] MkbZlSdsjkbM ¼ekYVksl] vkblksekYVksl] ysDVksl] lqØksl vkSj lsYyksck;ksl½] ikWyhlsdsjkbM ¼LVkpZ] MsfDlfVªu] MsDlVªkUl] Xykbdkstu] lsyqyksl] buqfyu] fpfVu½] vkSj E;wdksiksyhlsdsjkbM] ftuesa thokf.od dksf'kdk fHkfÙk ikWyhlsdsjkbM 'kkfey gSaSA fyfiMksa dh tSojklk;fudh% lkekU;] ;kSfxd vkSj O;qRiUu fyfiMksa vkSj fyiksçksVhuksa ds xq.k vkSj tSfod egÙoA

çksLVkXyaSf.Mu dh lajpuk vkSj dk;ZA çksVhuksa dh tSo&jklk;fudh% oxhZdj.k] lajpuk] xq.k& çksVhuksa tSfod egÙoA vehuks vEy% lajpuk vkSj oxhZdj.kA vehuksa vEyksa ds HkkSfrd vkSj jklk;fud xq.k&,EQksVfjd ç—fr] çdk'kh; lfØ;rk] vkSj isIVkbM&ckaM lajpukA U;wfDy,d vEyksa dh tSo&jklk;fudh% I;wjhUl] ikbjhfefMUl] U;wfDyvkslkbM vkSj U;wfDyvksVkbM dh tho& jklk;fudhA ;wfDyvkslkbM vkSj U;wfDyvksVkbM dk tSfod egÙoA MhvkWDlhjkbcksU;wfDy,d vEy ¼Mh,u,½ vkSj ,d fof'k"V jkbcksU;wfDy,d vEy ¼vkj,u,½ dh lajpuk vkSj dk;ZA

;wfuV&2 ¼e/;orhZ p;kip;½

,Ut+kbe% ifjHkk"kk ,oa oxhZdj.k] lg&,Ut+kbe] lgdkjd ,oa vkblks&,Ut+kbeA xq.k% ÁksVhu ÁÑfr] ,Ut+kbe lcLVªsV dkWEiysDl jpuk] ,Ut+kbe ds lfØ; dsanz dh vk/kqfud vo/kkj.kkA ,Ut+kbe fØ;k dh fo'ks"krk% v/k%Lrj dh fo'ks"krk] lewg dh fo'ks"krk] LVhfj;ks ;k vkWfIVdy fo'ks"krkA

,Ut+kbe fØ;k dks ÁHkkfor djus okys dkjd% rkieku dk ÁHkko] ih-,p-] ,Ut+kbe vkSj lVClVªsV dh lkanzrkA ,Ut+kbe ;wfuV% baVjus'kuy ;wfuV] dVky] ifjorZd la[;k vkSj fof'k"V lfØ;rkA

,Ut+kbe fujks/k% rqyukRed] xSj&rqyukRed vkSj v&rqyukRed fujks/k vkSj vkRe?kkrh fujks/kA

tSfod vkWDlhdj.k% vkWDlhdj.k vkSj vip;u esa 'kkfey ,Ut+kbe vkSj dks&,Ut+kbeA

'olu _a[kyk vFkok bysDVªksu ifjogu _a[kyk] *vkWDlhMsfVo QkWLQksfjys'ku] fujks/kd] v&;kstd vkSj bysDVªksu ifjogu _a[kyk dks çHkkfor djus okys vU; dkjdA

dkcksZgkbMªsV p;kip;% Xykbdksfyfll] Øsc pØ] ,p-,e-ih- 'kaV] Xywdksfuvkstsusfll] dksjh pØ] Xykbdkstsusfll] Xykbdkstsuksfyfll] dkcksZgkbMªsV p;kip; dk tSoÅtZ;uA

fyfiM p;kip;% olh; vEyks dk chVk vkDlhdj.k] dhVksu d.kksa dh jpuk( olk vEyksa dk tSo&la'ys"k.k] fyfiM p;kip; dk tSo ÅtZ;uA

ÁksVhu p;kip;% tSo&la'ys"k.k vkSj gzklA vehuks vEyks dk ,ehugj.k] Vªkal&,ehus'ku vkSj Mh&dkckZDlhys'kuA veksfu;k dk ifjogu vkSj ;wfj;k pØA

U;wfDy,d vEy dk p;kip;% I;wjhuksa vkSj ikbjhfeMhuksa dk p;kip;A Mh,u, vkSj vkj,u, dk tSo&la'ys"k.k ,oa fofu;euA p;kip; dk fofu;eu vkSj lekdyuA



;wfuV&3 ¼i'kq fo'ys"k.kkRed tSo&jklk;fudh½

dkcksZgkbMªsV p;kip; esa nks"k% Mk;fcVht+ esfyVl] dhVksfll] cksokbu dhVksfll] xHkkZoLFkk thofo"kjDrrk] f'k'kq lqvjksa esa vYi&jDr'kdZjk] dqÙkksa esa vfrbUlqfyuA dkcksZgkbMªsV p;kip; dk gkWeksZuh fu;a=.k vkSj jDr 'kdZjk dk fu;a=.kA dkcksZgkbMªsV p;kip; esa fo?u dk irk yxkus ds fy, tSo&jklk;fud ijh{k.kA IykT+ek ÁksVhu vkSj mudh fDyfudy

fof'k"Vrk] ÁksVhu vkSj fMlÁksVhuhfe;kt+] fodV ÁkoLFkk ÁksVhuA jksxksa ds funku esa fyfiM ÁksQkbyA fDyfudy ,Ut+kbe foKku% xSj&dk;kZRed IykT+ek ,Ut+kbeksa vkSj vkblks&,Ut+kbeksa dk uSnkfud egÙoA xqnsZ dh dk;ZÁ.kkyh ds tSo&jk;k;fud ijh{k.k& jksx ds funku esa ew= dk fo'ys"k.k] ch;w,u] ;wfjd vEy vkSj fØ,fVfuu dh HkwfedkA vEy&{kkj larqyu esa ck/kk vkSj bldk funkuA ikpu nks"k dh tSo&jklk;fudhA vkWDlhdkjd ruko vkSj vk?kkr dh tSo&jklk;fudhA nzo fpfdRlk dk tSojklk;fud vk/kkjA nsg dk fo"kgj.k% t+huksck;ksfVDl dk p;kip;] inkFkksZa ds fofHkUu oxksZa ds tSo&#ikarj.k dh lkekU; ÁfrfØ;kA ,Ut+kbeksa dh lkbVksØkse ih450 Á.kkyhA

ÁSfDVdy

;wfuV&1 ¼lkekU; i'kq tSo&jklk;fudh½

?kksyksa dk ladsUæ.k vkSj varjkZ"Vªh; ;wfuV Á.kkyh ¼,l-vkbZ-½A vEyksa vkSj {kkjksa dk fuekZ.k vkSj ekudhdj.kA cQj dk fuekZ.k( vEy cuke {kkj dk VkbVªs'ku oØA dkcksZgkbMªsVksa dh ek=kRed ijh{kk] vkSj vKkr dkcksZgkbMªsVksa dh igpkuA rsy dh vEy la[;k dk fu/kkZj.kA çksVhuksa dk jax vkSj volknu çfrfØ;k( vehuks vEyksa dk vuqekuu ¼lksjsUlu fof/k½A

;wfuV&2 ¼e/;orhZ p;kip; ½

,Utkbe dh fØ;k ij ih,p vkSj rkieku dk çHkkoA jä vkSj IykT+ek Xyqdksl] ÁksVhu] vdkcZfud QkWLQsV] dSfYl;e] eSXuhf'k;e dk vuqekuA MkbDyksjksfQuksy baMksfQuksy ¼MhlhihvkbZih½ fof/k }kjk ,LdkWfcZd vEy dk vuqekuA csusfMDV~l DokafVVsfVo fof/k }kjk nqX/k ySDVksl dk vuqekuA ¶yse QksVksehVj }kjk lksfM;e vkSj iksVkf'k;e dk vuqekuA ,ehuks vEyksa dh isij ;k fFku&ys;j ØksesVksxzkQhA dksyksjhehVjh }kjk foVkfeu , dk vuqekuA

;wfuV&3 ¼i'kq fo'ys"k.kkRed tho&jklk;fudh½

ew= ds jksxkRed ?kVdksa dh tkap( lhje esa ,,yVh vkSj ,lVh dh tkap( rh{.k ÁkoLFkk ÁksVhu ¼, ;k th vuqikr½( dqy lhje dksysLVjksy] jDr ;wfj;k ukbVªkstu] fØ,fVfuu] lhje fcfy#fcu ¼ÁR;{k] vÁR;{k ,oa dqy½ dk vuqekuA

i'kq fpfdRlk fDyfudy i)fr;ka&II] uSnkfud Á;ksx'kkyk vuqHkkx ds vafre O;kolkf;d ikB~;Øe ds nkSjku fofHkUu uSnkfud ijh{k.k] fofHkUu tkfr;ksa esa lkekU; vkSj vlkekU; ewY;ksa] varjh; funku] jksxksa ls lg&laca/k vkSj fu"d"kZ ij igqapus ds vkSfpR; ij iqu%ppkZ dj tk,xhA

okf"kZd ijh{kk

| isij F;ksjh | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| isij&1 | 1 ,oa 3 | 100 | 20 |
| isij&2 | 2 | 100 | 20 |
| ÁSfDVdy | | | |
| isij&1 | 1 ,oa 3 | 60 | 20 |
| isij&2 | 2 | 60 | 20 |

¼**iii**½ i'kq/ku mRiknu Áca/ku foHkkx

i'kq/ku mRiknu Áca/ku ØsfMV ?kaVs% 4$2

F;ksjh

;wfuV&1 ¼lkekU; i'kq/ku Áca/ku½

i'kq/ku dh tukafddh forj.k vkSj vFkZO;oLFkk esa mudh HkwfedkA Hkkjr esa i'kq/ku m|ksx dh leL;k vkSj laHkkouk,aA i'kqikyu ds lkekU; 'kCn ¼'kCnkoyh½A nsg dh iqf"V vkSj igpkuA i'kq/ku vkSj oU; ;k fpfM+;k?kj ds i'kqvksa dk ifjoguA QkeZ Áca/ku dh lkekU; i)fr;ka] ftuesa

ÁfrlaØe.k] foyxu] dadky dk laxjks/ku vkSj fuiVku 'kkfey gSA vkS"kf/k fiykus dh fof/k;ksa dk ifjp;A i'kqvksa ds lkekU; nks"k ¼eos'kh] HkSal] HksM+ vkSj cdjh½ muls cpko vkSj ns[kHkkyA i'kq/ku mRiknu Á.kkyhA fofHkUu Ñf"k&tyok;fod {ks=ksa esa i'kq {ks= vkSj Hkw&{ks= dh i)frA dkcZfud i'kq/ku mRiknuA eosf'k;ksa ds nSfgd vaxksa dh tkap vkSj chlh,lA Án'kZuh ds fy, i'kqvksa dks rS;kj djukA i'kqvksa dh gR;kA eosf'k;ksa dk pquko vkSj [kjhnA

;wfuV&2 ¼pkjk mRiknu vkSj ifjj{k.k½

i'kq/ku mRiknu esa ?kkl&Hkwfe;ksa vkSj pkjs dk egÙoA pkjs ds mRiknu esa Ñf"k foKku laca/kh i)fr;ksa dk Á;ksxA fofHkUu ekSleksa esa egÙoiw.kZ Qyhnkj vkSj xSj&Qyhnkj pkjkA pkjk mRiknu ds fy, e`nk vkSj ty laj{k.k vkSj flapkbZ ty&fudklA y?kq



i'kq/ku bZdkbZ;ksa ds fy, pkjs dk mRiknuA i'kq [kk| ,oa pkjs ds HkaMkjx`gksa dh lajpuk,aA nqyZH; pkjs vkSj gjs pkjs dk ifjj{k.kA i'kq /kkou vkSj pkjk mRiknu ds vif'k"Vksa dk iqupZØ.k rFkk iqu%pfØr vif'k"Vksa dk Á;ksxA

;wfuV&3 ¼i'kq/ku mRiknu Áca/ku & tqxkyh djus okys i'kq½

i'kqvksa ds fy, vkokl Á.kkyh vkSj fofHkUu i'kqx`gksa dh :ijs[kk rFkk fMt+kbuA LFky dk pqukoA i'kq/ku dh fofHkUu tkfr;ksa ds vkokl ds fy, bekjrksa ds fMt+kbu vkSj fuekZ.k dks ÁHkkfor djus okys dkjdA Hkkjrh; ifjfLFkfr;ksa ds fo'ks"k lanHkZ esa bekjrksa dk Áca/kA LFkkuh; lkexzh dk Á;ksxA i'kqx`gksa dh nhokj] Nr vkSj Q'kZ ds fuekZ.k ds fy, bLrseky dh tkus okyh fuekZ.k lkexzh] mldh fo'ks"krk,a vkSj xq.k&nks"kA eosf'k;ksa vkSj HkSalksa dh ulysa vkSj egÙoiw.kZ ulyksa dk fooj.kA eosf'k;ksa vkSj HkSalksa dh vkfFkZd fo'ks"krk,aA cfN;k] cNM+s] xHkZorh] nw/k nsus okys vkSj Fkypj i'kqvksa] cSyksa rFkk dkedkth i'kqvksa dk lkekU; Áca/ku vkSj Hkkstu ds rjhdsA eosf'k;ksa vkSj HkSalksa dh lw[ks esa thus dh {kerkA nSfud i'kqvksa ds QkeksaZ ds dk;Z vkSj Je Áca/kuA i'kqvksa dks nksgus dh fof/k;ka vkSj lko/kkfu;kaA nqX/k mRiknu dh xq.koÙkk vkSj ek=k dks ÁHkkfor djus okys dkjdA LoPN nw/k dk mRiknuA HksM+ vkSj cdjh dh uLysa vkSj mudk fooj.kA ekal] nw/k vkSj Åu ds js'kksa dk vkfFkZd egÙoA fodkl] o`f) vkSj mRiknu ¼nw/k] ekal vkSj Åu½ ds fofHkUu pj.kksa ds nkSjku lkekU; Áca/ku vkSj [kk| i)fr;kaA HksM+k vkSj e`x dk Átuu dk;ZØe vkSj Áca/kuA eseuksa dk nw/k NqM+kuk vkSj mUgsa eksVk djukA

;wfuV&4 ¼fpfM+;k?kj ds i'kqvksa dk mRiknu Áca/ku½

fpfM+;k?kj ds egÙoiw.kZ i'kqvksa dk ofxZdhA Hkkjr esa oU; thoksa dh voLFkk vkSj muds laj{k.k ds mik;A fpfM+;k?kj esa jgus okys oU; thoksa ds fuokl vkSj vkokl ds cqfu;knh fl)karA fpfM+;k?kj ds oU; thoksa ds d{kksa vkSj ckM+ksa dk vkdkj vkSj vko';d LFkku dh O;oLFkk ¼ifjeki½A lhekar {ks=ksa] Átuu {ks=ksa esa vkSj mlds vklikl i'kq/ku dk Áca/kuA canh i'kqvksa dh Hkkstu dh vknrsa] vkgkj vkSj vkgkj nsus dk le;A canh i'kqvksa dks dkcw esa djuk] idM+uk] laHkkyuk] vkSj mudh 'kkjhfjd tkap djukA fpfM+;k?kjksa dk oxhZdj.k] oU; vHk;kj.;ksa] jk"Vªh; m|kuksa bR;kfn dk Áca/kuA canh i'kqvksa ls lcaf/kr vf/kfu;e vkSj fu;eA canh i'kqvksa ls tqM+s jk"Vªh; vkSj varjkZ"Vªh; laxBuksa vkSj laLFkkuksa dh Hkwfedk vkSj dk;ZÁ.kkyhA

;wfuV&5 ¼i'kq dY;k.k½

i'kq dY;k.k vkSj uSfrdrk dh ifjHkk"kkA ikfjfLFkfrdh vkSj i;kZoj.kh; dkjdksa ds lanHkZ esa ekuo vkSj i'kq dY;k.kA i'kq dY;k.k esa i'kq fpfdRldksa dh HkwfedkA i'kq dY;k.k laxBu] Hkkjrh; i'kq dY;k.k cksMZ & mudh Hkwfedk] dk;Z vkSj orZeku voLFkkA i'kq dY;k.k ij fu;e] fofu;e vkSj dkuwuA i'kq Øwjrk dk fujks/k ¼ihlh,½ vf/kfu;e] 1960 ¿1960 dk 59ÀA dfeVh QkWj n ijit+ vkWQ daVªksfyax ,aM lqijokbft+ax ,DlisfjesaV~l bu ,fueYl ¼lhihlh,lbZ,½ dh Hkwfedk vkSj dk;ZA ÁÑfr vkSj canh voLFkk esa oU; thoksa dh lqj{kkA Án'kZu i'kqvksa dh

lqj{kk vkSj dY;k.kA ifjogu ds nkSjku i'kqvksa dk dY;k.kA Ñf"k i)fr;ksa esa Á;ksx gksus okys eosf'k;ksa dk dY;k.kA dkedkth i'kqvksa dk dY;k.kA O;kolkf;d ikyrw vkSj lgpj i'kqvksa dk dY;k.kA ÁkÑfrd vkinkvksa vkSj vkink Áca/ku esa i'kqvksa dk dY;k.kA i'kq fpfdRldksa ds dkuwuh dÙkZO;] i'kqvksa ij gksus okys lkekU; vR;kpkj] vkSj bu vR;kpkjksa ls lacaf/kr dkuwuA i'kqvksa ls lacaf/kr Áknsf'kd vkSj dsanzh; vf/kfu;eA turk ds LokLF; dks ÁHkkfor djus okys vijk/kksa ls lacaf/kr dkuwuA i'kq/ku vk;kr vf/kfu;e Áek.k] mÙkjnkf;Ro] vkSj chekA i'kq fpfdRldksa ds fy, vkpj.k vkSj uhfr lafgrk& vf/kfu;e ds varxZr fufeZr fofu;eA

;wfuV&6 ¼dqDdqV mRiknu Áca/ku½

Hkkjrh; dqDdqV m|ksx & fofHkUu [kaMksa dk laf{kIr fooj.k & dqDdqVksa ls lacaf/kr vkadM+sA mRiknu dh fo'ks"krkvksa] vk;q vkSj ekunaMksa ds vuqlkj dqDdqVkfn dk oxhZdj.kA vU; i'kq tkfr;ksa dh mRiknu fo'ks"krk,aA ns'kh eqxZs&eqfxZ;ksa dk o.kZu vkSj xzkeh.k [ksrh esa mudk ewY;A xzkeh.k dqDdqV&ikyu ds fy, fodflr fo'ks"k fdLesa] xzkeh.k ikfjfLFkfrdh ra= esa mudh xzkg~;rk vkSj egÙoA

vaMksa dk Áca/ku& czwMjksa dk Ádkj] ckM+s ds Ádkj& i;kZoj.k laca/kh dkjdksa dh fo'ks"krk,aA vkokl& iksYVªh gkml dk Ádkj] vko';d LFkkuA vkokl Á.kkyh vkSj ikyu Á.kkyh esa vk/kqfud fodklA Ldosaftax Áca/ku Á.kkyh& de ykxr ÁkS|ksfxdh& fiNyk vkgkrk vkSj v)Z&l?ku bZdkbZ;ka( mudk Áca/ku vkSj vkfFkZd miyfC/k;kaA i'kq&f'k'kqvksa dks dwM+s&dpjs ls gksus okyh chekfj;ksa dh jksdFkke ds fy, xanxh dk xgu Áca/ku vkSj dwM+s&djdV dk iqu%pØ.kA fiatjksa dk Áca/ku & fofHkUu Ádkj] ykHk ,oa gkfu;kaA mRikndksa vkSj vaMk nsus okyh eqfxZ;ksa dk Áca/kuA czkW;yj vkSj czhMjksa dk Áca/kuA ruko Áca/kuA vkgkj Áca/ku& iks"kdksa dk oxhZdj.k& iks"kdksa dh vko';drk vkSj vkgkj rS;kj djukA Hkkstu f[kykus dh Á.kkyh& Hkkstu ij Áfrca/k& vyx&vyx pj.kksa esa f[kykuk & lfEeJ.k vkSj vuqiwjdA ty Áca/kuA Átuu dk Áca/ku vkSj laxe dh fof/k;kaA p;u djukA fo'ks"k ;ksX;rkvksa ds fy, Átuu vkSj eqxksZa dh ladj uLyksa dk mRiknuA dqDdqVksa dk fu/kkZj.kA vaMs dh lajpuk & HkkSfrd vkSj jklk;fud lajpukA jksx fujks/k Áca/ku ds fy, tho&lqj{kk ds fl)karA dqDdqVksa ds lkekU; jksxksa ds fy, LokLF; dh ns[kHkky & Vhdkdj.kA dqDdVksa dh fpfdRlk ds lkekU; fl)karA

;wfuV&7 ¼fofo/k dqDdqV mRiknu vkSj pwt+k ikyu dk Áca/ku½

vaMs lsus vkSj pwt+k ikyu Áca/ku i)fr;ksa ds fl)karA Átuu vkSj pwt+ksa dh mRifÙk] vaMksa dk p;u vkSj ns[kHkky] gSpjh dh lQkbZ dks ÁHkkfor djus okys dkjdA gSpjh esa dSaMfyax] lsfDlax] Js.khdj.k] iSfdax vkSj vif'k"Vksa ds fuiVku dk Áca/kA gSpjh dkjksckj ds ykHk& gSpjh ds lapkyu esa fo?u fuokj.k& gSpjh Áca/ku esa dEI;wVjksa dk Á;ksxA iksYVªh ds vif'k"Vksa dk Áca/ku] i;kZoj.k vkSj Ánw"k.k dh leL;k,aA dkcZfud vkSj igkM+h QkfeZaxA fefJr vkSj lesfdr iksYVªh QkfeZaxA O;kolkf;d iksYVªh



mRiknu dk ofVZdy ,oa {kSfrt lesdu & BsdkÑr QkfeZax] iksYVªh mRiknksa dk vk;kr&fu;kZr vkSj foi.kuA cÙk[kksa] dygal] VdhZ] cVsj] eqxZ bR;kfn dk Áca/kuA

;wfuV&8 ¼Á;ksx'kkyk i'kqvksa] [kjxks'k ;k ikyrw i'kqvksa dk mRiknu Áca/ku½

Á;ksx'kkyk i'kqvksa dk egÙo vkSj pqukoA pwgksa] ew"kdksa] gSeLVjksa vkSj fxuh fixksa dh ns[kHkky vkSj vkokluA Á;ksx'kkyk i'kqvksa ds vkgkj vkSj Átuu dh lkekU; vko';drk,aA fof'k"V ijthoh eqDr vkSj jksxk.kq eqDr Á;ksx'kkyk i'kqvksa ds mRiknu dh /kkj.kkA ns'k esa [kjxks'k QkfeaZx dk nk;jk] Hkkjr esa [kjxks'k dh uLysa vkSj forj.kA [kjxks'k mRiknu dh lhek,a] okf.kfT;d ç;kstu ls çtuu LVkd dk p;u] ns[kHkky vkSj çcU/kA fdaMfyax i'kqvksa dh igpku] ns[kHkky vkSj Áca/kA [kjxks'k ds uotkr vkSj cMs+ gks jgs cPpksa dh ns[kHkkyA [kjxks'kksa ds b"Vre mRiknu ds fy, çtuu vkSj p;u Øh rduhdsaA [kjxks'k mRiknu ds fy,] vkgkj vkSj vkgkj f[kykukA [kjxks'kksa ds mRiknu ds fy, LoPNrk vkSj vkokl dh O;oLFkkA vif'k"V

bR;kfn dk fuiVku] mi;ksx vkSj iqu%pØ.kA ekbØks ¼cSd;kMZ½] y?kq vkSj cMs+ [kjxks'k QkeksaZ ds fy, ifj;kstuk,a rS;kj djukA dqÙkksa] fcfYy;ksa vkSj ikyrw i'kqvksa dh egÙoiw.kZ uLysaA dqÙkksa] fcfYy;ksa vkSj ikyrw i'kqvksa dks Hkkstu f[kykukA dqÙkk Án'kZuh% Án'kZuh ds fy, rS;kj djuk] dSuy Dycksa] fu.kZ; ds fy, egÙoiw.kZ fof'k"Vrk,a fu/kkZfjr djukA dqÙkksa dk mi;ksx& igjsnkjh] j{kk] x'r yxkuk] minzoksa dk fu;a=.k] ryk'kh] tklwlh] lqjaxksa dk irk yxkuk] ut+j j[kuk] jkLrk fn[kkuk] f'kdkj djuk] nkSM+ yxkuk] cpkuk vkSj vU; Á;ksxA

;wfuV&9 ¼lqvj ;k ?kksM+s ;k Å¡V] ;kd vkSj feFkqu ds mRiknu dk Áca/ku½

ns'k esa lqvj QkfeaZx dk ifjp; vkSj foLrkjA lqvjksa dk tula[;k foKkuA lqvjksa dk p;u vkSj Átuu rduhdsaA fo'ks"k uLysa ¼ns'kh vkSj fons'kh½ vkSj mudh fo'ks"krk,aA lqvjksa dk vkoklu vkSj HkkstuA b"Vre mRiknu ds fy, lqvjksa dh fofHkUu Jsf.k;ksa dk çcU/ku% çtuu vkSj xHkZorh lqvfj;ka( C;kus okyh vkSj C;kus ds ckn lqvfj;ka% lqvj ds cPps] fodkleku cPps] nw/k nsus okyh lqvfj;ka] cktkj esa cspus ds fy, LVkWdA Hkkjr esa v'oksa dh la[;kA ?kksM+s] x/ks vkSj [kPpj vkSj mudh mi;ksfxrkA ?kksM+ksa dh uLyksa dh igpkuA ?kksM+ksa ds nk¡r fudyuk vkSj o`f)A ?kksM+ksa dh ns[kjs[k vkSj mudk nSfud çcU/ku] ftuesa ltkuk] dkBh p<+kuk vkSj O;k;ke 'kkfey gSA rcsyk vkSj mldk çcaU/kuA ?kksM+s dh t+hu dlukA ?kksM+ksa] x/kksa vkSj- [kPpjksa dks Hkkstu f[kykus dh fnup;kZA uj ?kksM+s dh ns[kHkkyA ?kksM+k&?kksM+h ¼cwMesvj½ dk lgxeu vkSj mudh ns[kHkkyA cNsM+k vkSj uotkr v'o&f'k'kq dh ns[kHkkyA [kPpj dk çtuuA ?kqM+nkSM+ djus okys ?kksM+ksa dks ns[kHky vkSj ?kksM+ksa dks çn'kZu ds fy, rS;kj djukA eknd æO;ksa dk lsou vkSj mldh igpkuA isVnnZ vkSj mlls cpkoA Hkkjr esa Å¡Vksa dh vke uLysa vkSj mudk mi;ksx] Å¡V dh fo'k"ksrk,aA Å¡Vksa ds vkgkj dk dk;ZØeA Å¡Vksa esa Átuu] xHkkZ/kku vkSj Álo dh ns[kHkkyA ;kd dh tula[;k ds vkadM+s] mi;ksx vkSj fo'ks"krk,aA feFkqu ;k ;kd dk vkgkj vkSj ÁtuuA ;kd vkSj eosf'k;ksa dk ladj vkSj mudh vf/kd Å¡pkbZ;ksa esa vuqdwyrkA feFkqu ;k ;kd ds nw/k dk la?kVuA

ÁSfDVdy

;wfuV&1 ¼lkekU; i'kq/ku Áca/ku½

laLFkkxr i'kq QkeZ dk lkekU; ifjp;A i'kq QkeZ esa Á;ksx gksus okys lkekU; vkSt+kjksa dh igpkuA i'kqvksa ds 'kkjhfjd fcanqvksa dh igpkuA igpku ds rjhds cukuk ¼fpg~u cukuk] VSVw cukuk] BIik yxkuk] VSx yxkuk ;k nnZ fuokjd nsus ds ckn nsg esa bysDVªksfud fpi yxkuk½A yxke cka/kus ds fy, jLlh esa xkaB yxkukA i'kqvksa ds nkar fudyus vkSj o`f) dh igpku djukA i'kqvksa dks Án'kZuh ds fy, rS;kj djuk vkSj mudk fu.kZ; djukA i'kqvksa dks pquuk vkSj NkaVukA IzkstsDV ÁLrko rS;kj djukA

;wfuV&2 ¼pkjk mRiknu vkSj ifjj{k.k½

pkjk QkeZ ns[kus tkukA Hkkjr rFkk jkT; esa feyus okyh fofHkUu Ádkj dh pkjk dh tkudkjhA fofHkUu Ádkj dh [kknksa vkSj moZjdksa dh igpkuA vkgkj vkSj pkjk ifjjf{kr vkSj HkaMkfjr djuk( LFkkukarj.k vkSj HkaMkj.k ds nkSjku {kfr ;k gkfu] mlls cpko ds mik;A pkjk mRiknu dh x.kuk dh ykxrA i'kq/ku vif'k"Vksa dk mi;ksx vkSj iqupZØ.kA

;wfuV&3 ¼i'kq/ku mRiknu Áca/ku& tqxkyh djus okys i'kq½

fofHkUu i'kq/ku vkoklksa ds vkokl dh :ijs[kk dh ;kstukA i'kqvksa ds fofHkUu QkeksZa esa tkuk vkSj eosf'k;ksa] HkSalksa] cdjh vkSj HksM+ksa dh fofHkUu uLyksa dks igpkuukA eosf'k;ksa] HkSalksa] cdjh vkSj HksM+ dh I;kj ls ns[kHkky vkSj dkcw djukA jksxh i'kqvksa ds cky vkSj uk[kwu dkVuk] ugykuk] fNM+dko djuk] vkSj #X.k i'kqvksa dh igpku djukA fofHkUu eki&;a=ksa }kjk i'kqvksa dk ot+u fu/kkZfjr djukA eosf'k;ksa] HkSalksa] cdjh vkSj HksM+ksa ds nSfud QkeZ dk;Zdykiksa ls ifjfpr gksukA Ms;jh i'kqvksa dk nw/k fudkyukA HksM+ ds cky dkVukA Átud uj i'kqvksa dks Áf'kf{kr djukA dkeksUekn dk irk yxkukA

xkfHku i'kqvksa dh igpku vkSj ns[kHkky] uotkr f'k'kqvksa vkSj cNM+ksa dh ns[kHkkyA Ms;jh] HksM+ ;k cdjh QkeZ dh vFkZO;oLFkk dh x.kukA

;wfuV&4 ¼fpfM+;k?kj ds i'kq&mRiknu dk Áca/ku½

fudVorhZ fpfM+;k?kj] canh i'kq dsanzksa dk nkSjk djuk vkSj bu i'kqvksa dh ns[kHkky rFkk Ázca/ku dk v/;;u djukA canh i'kqvksa ds vkokl dk v/;;u djukA canh i'kqvksa ds vkgkj rFkk vkgkj dh fnup;kZ dk v/;;u djukA canh i'kqvksa ds Hkkstu dks LoPNrk ls cukus] ifjjf{kr djus vkSj HkaMkfjr djus ds rjhdksa dk v/;;u djukA canh i'kqvksa dks dkcw djus] laHkkyus] vkSj mudh 'kkjhfjd tkap djus ds rjhds lh[kukA



;wfuV&5 ¼dqDdqV mRiknu Áca/ku½

dqDdqVksa dh lkekU; uLysa] fofHkUu Jsf.k;ka] Hkkjrh; eqfxZ;ka vkSj vU; i{kh tkfr;kas dh uLysaA eqfxZ;ksa dh ikpu vkSj 'olu Á.kkyhA uj ,oa eknk Átuu Á.kkyh & HkaMkj.k ds nkSjku vaMksa dh xq.koÙkk esa ifjorZuA czk;yjksa dk vkfFkZd egÙoA vaMk nsus okyh eqfxZ;ksa dh vkfFkZd fo'ks"krk,a vkSj ÁtudA iksYVªh esa ,vkbZA iksYVªh QkeZ dh bekjr vkSj fMt+kbuA iksYVªh QkeZ ds midj.k vkSj oxhZdj.kA dqDdqVksa dk Hkkstu rS;kj djukA czkW;yj QkeZ ds fofHkUu vkfFkZd lalwpdksa dh x.kukA ys;j QkeZ ds fofHkUu vkfFkZd lalwpdksa dh x.kukA uewuksa ds ladyu ds fy, dqDdqVksa dh iksLV&ekWVZe ijh{kkvksa ds ewy ifj.kkeA iksLV&ekWVZe ijh{kkvksa ds fy, uewuksa dk ladyu vkSj Ás"k.kA xzh"e] 'khr vkSj o"kkZ _`rq ds nkSjku Áca/kuA iksYVªh QkeZ dk Lopkyu ¼bZlh gkml½A

;wfuV&6 ¼bUD;wcs'ku ,oa gSpjh dk Áca/ku½

gSpjh dh :ijs[kk vkSj fMt+kbuA czkW;yj QkeZ dh LFkkiuk ds fy, ÁkstsDV fjiksVZA ys;j QkeZ dh LFkkiuk ds fy, ÁkstsDV fjiksVZA czhMj QkeZ dh LFkkiuk ds fy, ÁkstsDV fjiksVZA fdlh O;kolkf;d iksYVªh QkeZ ;k gSpjh ;k vkgkj fey dk Hkze.kA vU; i{kh tkfr;ksa ds QkeZ dk Hkze.kA

;wfuV&7 ¼Á;ksx'kkyk ;k [kjxks'k ;k ikyrw i'kq mRiknu Áca/ku½

Á;ksx'kkyk i'kqvksa ds 'kjhj ds Hkkxksa dh igpku vkSj i'kqvksa dks laHkkyuk] rkSyuk] muesa lalxZ djkuk vkSj nw/k NqM+kukA Á;ksx'kkyk i'kqvksa dh vyx&vyx igpku ds fy, mu ij fpg~u cukukA Á;ksx'kkyk i'kqvksa ds mPp Js.kh ds Átuu ds fy, larqfyr vkgkj nsus ds dk;ZØe dk ifjdyuA Á;ksx'kkyk i'kqvksa ds Átuu fjdkWMZ cuk, j[kukA Á;ksx'kkyk i'kqvksa esa lkekU; jksxksa ds Áfr jksxfujks/ku ds mik;A LoPNrk ds Áfr lko/kkuh vkSj ijthfo;ksa dk fu;a=.kA [kjxks'k ds cky drjukA [kjxks'k ds fy, vkgkj] vkokl dh vko';drk vkSj midj.kA [kjxks'k QkeZ LFkkfir djus ds fy, ÁkstsDV fjiksVZA dqÙks] fcYyh vkSj ikyrw if{k;ksa dks laHkkyuk vkSj dkcw djuk] rFkk ikyrw i'kqvksa vkSj if{k;ksa ds fy, midj.kA dqÙkksa vkSj fcfYYk;ksa dks cz'k ls laokjuk vkSj ltkukA Án'kZuh ds fy, uk[kwu vkSj nkarkas dh ns[kHkky] ckyksa dks cka/kukA fiYyksa] fcfYy;ksa ds cPpksa dh ns[kHkky vkSj nw/k NqM+kukA

;wfuV&8 ¼lqvj ;k ?kksM+s ;k Å¡V] ;kd vkSj feFkqu ds mRiknu dk Áca/ku½

lqvj] ?kksM+ksa vkSj Å¡Vksa dks laHkkyuk] dkcw djukA xkfHku i'kqvksa dks igpkuuk] xHkkZoLFkk ds nkSjku mudh ns[kHkky djuk] C;kus okyh lqvfj;ksa vkSj lqvj&f'k'kqvksa dh ns[kHkkyA lqvjksa] ?kksM+ksa dks Án'kZfu;ksa vkSj ewY;kadu ds fy, ltkukA lqvjksa dk vkfFkZd ewY;akdu] nSfud tkap] nkarksa dh ns[kHkky vkSj Vhdkdj.k dk dk;ZØeA ?kksM+s dks pykuk] ?kqM+lokjh djuk] nqydh pky ls pykuk] gYdh xfr esa ljiV nkSM+kuk vkSj dqnkukA lqvjckM+s] ?kqM+lky dk vfHkfoU;klA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|

F;ksjh

| | | |
|---|---|---|
| isij&1 1] 2] 3] 4 ,oa 5 | 100 | 20 |
| isij&2 6] 7] 8 ,oa 9 | 100 | 20 |

ÁSfDVdy

| | | |
|---|---|---|
| isij&1 1] 2] 3] 4 ,oa 5 | 60 | 20 |
| isij&2 6] 7] 8 ,oa 9 | 60 | 20 |

¼**iv**½ i'kq lw{e foKku foHkkx

i'kq lw{e foKku ØsfMV ?kaVs% 3$2

F;ksjh

;wfuV&1 ¼lkekU; ,oa iz.kkyhc) i'kq thok.kq foKku½

lw{e thofoKku dk ifjp; vkSj mldk bfrgkl( thok.kqvksa dk oxhZdj.k vkSj ukedj.k( lw{enf'kZdh vkSj ekbØksehVjh( thok.kqvksa ds Ádkj vkSj rduhd( thok.kqvksa dh vkdkfjdh vkSj ok;qthoh vkSj vok;oh; thok.kqvksa dh o`f) vkSj iks"k.k vko';drk,a( lkekU;] voljoknh vkSj e`rthoh thok.kq% laØe.k ds lzksr vkSj lapkj] laØe.k ds lapkj dh fof/kA jksxk.kqtudrk] mxzrk] mxzrk ds fu/kkZjd] ,iht+ksvksfVd vkSj ,ut+ksvksfVd jksx] csDVhjhfe;k] lsIVhlhfe;k vkSj VkWDlhfe;k] ,.MksVkWfDlu] ,DlksVkWfDlu] ,.VhVkWfDlu vkSj VkWDlkWbM( thok.kq vkuqoaf'kdrk ¼mRifjorZu] #ikarj.k] vkSj Vªkal MD'ku vkSj ;qXeu½] IykfLeM vkSj ,aVhck;ksfVd çfrjks/kA



i`FkDdj.k] o`f)] lao/kZu] vkdkfjdh] tSojklk;fud vkSj Áfrtfud fo'ks"krkvksa] egkekjh foKku vkSj fod`fr foKku ds laca/k esa fuEufyf[kr thok.kqvksa dk v/;;u vkSj fuEufyf[kr thok.kqvksa }kjk gksus okys jksxksa ds jksxtuu] jksxtudrk] funku] fujks/k] vkSj fu;a=.k ds lanHkZ esa fuEufyf[kr thok.kqvksa dk v/;;u%

LVSQkbyksdkWdl( LVªsIVksdkWdl] dksjkbucSDVhfj;e] Vªwisjsyk] jksMksdkWdl] fyLVsfj;k( ,oa ,fjlsisyksfFkzDl] cSflyl] ekbdkscSDVhfj;e] DykWLVªhfM;e] ,fDVuksekblht+] uksdkfMZ;k] LVªsIVksekblht+ ,oa MjesVksfQyl( dqy ,aVsjkscSDVsfj,lh¼bZ-dksykbZ] DysfCl,yk] lkYeksusyk] ;jfluk] ÁksfV;l½( L;wMkeksukl ,oa cqj[kksYMsfj;k( ikLVqjsyk] eSughfe;k] ,fDVukscSflyl] ,oa gheksfQyl] czqlsyk( fofcz;ks( dSEikbykscSDVj( cksMhZVsyk ,oa eksjkDlsyk( xzke&usxsfVo vok;oh;% cSDVhfj;ksMsl] fMDykscSDVhfj;k ,oa ¶;wt+kscSDVhfj;e( ySIVksLikbjk ,oa vU; LikbjksdhV~l( ekbdksIykT+ek] dkWDlh,yk] fu;ksdsVfl;k] ,g~jyhfd;k] ,ukIykT+ek] fjdsV~fl;k( DySekbfM;k ,oa DySekbMksfQykA

fodkleku] iqufoZdkleku vkSj lhekikjd thokf.od jksxtudA

;wfuV&2 ¼i'kq dod foKku½

dod dk ifjp;] oxhZdj.k vkSj lkekU; xq.k( dod dh o`f) ,oa Átuu( i`FkDdj.k] o`f)] vk—fr& foKku] lao/kZu] tSojklk;fud vkSj Áfrtu fof'k"Vrkvksa ds lEcU/k esa rFkk egkekjh foKku] fo—frtudrk] rFkk fuEufyf[kr dod oa'kksa }kjk gksus okys dod jksxksa ds funku vkSj fu;a=.k ds lanHkZ esa] fuEufyf[kr egÙoiw.kZ fo—frtud dodksa dk v/;;u% dSafMMk ,oa fØIVksdkWdl] ,Lijftyl] isfuflfy;e] MesZVksQkbV ,oa eylsft+;k( f}:ih dod] jkbuksLiksfjfM;e] ,oa LiksjksfVde] ekblhVksek ,oa t+kbxksekbflVht+( dod }kjk gksus okyh Lru dh lwtu ¼ekbdksfVd ekfLVfVl½] ,oa dod }kjk gksus okyk xHkZikr( ekbdksVkWDlhdksflt+A

;wfuV&3 ¼lw{ethofoKkuh; tSo rduhd½

fjdkWECkhusaV Mh,u, ÁkS|ksfxdh dh cqfu;knh /kkj.kk vkSj foLrkj( thu Dyksfuax] Dyksfuax osDVj vkSj ,DlÁS'ku osDVj( :ikarj.k ,oa vfHkdeZu( nf{k.kh] mÙkjh ,oa if'peh CykWfVax( tSolwpukfoKku] thu cSad( ijek.kfod ,oa tSo&ÁkS|ksfxdh rduhdksa dk Á;skx( ikWyhejst+ psu

vfHkfØ;k( U;wfDy,d ,flM gkbfczMkbt+s'ku] Mh,u, ykbczsjh] Mh,u, vuqØe.k] rFkk Mh,u, fQaxjfÁafVax( vkbZihvkjA i'kq tSoÁkS|ksfxdh esa uSfrdrk ,oa fu;eu dh leL;k,aA

;wfuV&4 ¼i'kq fpfdRlk vlaØe.khdj.k ,oa lhje foKku½

Áfrj{kk foKku dk bfrgkl( fyEQkWbM vax] Ård ,oa dksf"kdk,a% jksx Áfrj{kk ds Ádkj( Áfrtu] gSIVsu] ,ihVksi] fof'k"Vrk] Vh&fuHkZjrk] Vh&fuHkZjrk&eqDr ,aVhtu] gsVsjkQkby ,aVhtu] ØkWl fj,fDVax ,aVhtu] jDr oxZ ,aVhtu] feVkstu ,oa bE;qukstsusflVh dks ÁHkkfor djus okys dkjd( ,M~tqosaV~l( ,aVhckWMht+ ¼jksxÁfrj{kh½% bE;wuksXykscqfyuksa dh fofHkUu Jsf.k;ksa dh lajpuk] HkkSfrd&jklk;fud xq.k vkSj dk;Z( ,aVhckWMht+ ¼jksxÁfrj{kh½ ds mRiknu ds fl)kUr( gkbczhMksek vkSj eksuksDyksuy jksxÁfrj{kh( ekuksDyksuy ,aVhckMht+] lhje foKkuh ÁfrfØ;k( estj fgLVksdEiSfVfcfyVh dkWEiysDl ¼,e,plh½ lajpuk] dk;Z vkSj thu dh cukoV( chlhvkj ,oa Vhlhvkj dh lajpuk( Áfrtu dk lalk/ku ,oa ÁLrqfrdj.k( iwjd Á.kkyh% lfØ;.k ekxZ ,oa tSfod Øe( lkbVksdkbUl% çeq[k çdkj vkSj dk;Z( vfrlaosnu'khyrk% oxhZdj.k rFkk ÁkjaHku dh Á.kkyh( Lor%jksxÁfrj{k.k( Áfrj{k.k&lg~;rk] lw{ethfo;ksa esa jksxÁfrj{kk dh /kkj.kk( oSDlhu vkSj vU; thoA

;wfuV&5 ¼lekU; ,oa O;ofLFkr i'kq fo"kk.kq foKku½

fo"kk.kq foKku ¼ok;jksykWth½ dk bfrgkl( fo"kk.kqvksa dk ifjp;( fo"kk.kqvksa dk oxhZdj.k( fo"kk.kqvksa dh ÁfrÑfr( fo"kk.kqvksa dh vkuqoaf'kd vkSj xSj&vkuqoaf'kd ijLij fØ;k,a( fo"kk.kq dksf'kdkvksa dh ijLij fØ;k( dSalj&mRifÙk ¼vk¡dkstsusfll½] ÁlqfIr dky vkSj Áfrj{kh&foÑfr foKkuA i'kqvksa vkSj eqfxZ;ksa esa jksx mRiUu djus okys fuEufyf[kr fo"kk.kqvksa vkSj Á;ksuksa ds lkekU; xq.k( ,aVhtu] lao/kZu] jksxtuu] ekjd foKku] fpfdRlh; y{k.k] funku] fujks/k ,oa fu;a=.k dk v/;;u%

fcjukfofjMh% 'ys"kiqVh jksx tud laØked fo"kk.kq( fj;ksfofjMh% jksVkok;jl] Cyw Vax ok;jl] vÝhdu gkWlZ fldusl ok;jl( iSjkfeDlksfofjMh% U;wdSly jksx fo"kk.kq( dqÙkksa dk fMLVsEij ok;jl( ih-ihvkj- ok;jl( jSCMksfofjMh% jscht+ ok;jl] vYidkfyd Toj ok;jl] cksjukfofjMh% cksjuk ok;jlA vkWFkksZekbDlksfofjMh% lqvj] ?kksM+k vkSj if{k;ksa dk bUQyq,atk ok;jl( dksjksukfofjMh% laØked uyh 'kksFk ok;jl] lapkjh tBjkU='kksFk ok;jl] vkjVSfjfoMh% ?kksM+ksa dk /keuh'kksFk ok;jl( fidksjukfofjMh% ,Q,eMh ok;jl] cÙk[kksa dk ok;jy fgisVkbfVl ok;jl( dSfyflfofjMh% fcfYY;ksa dk dSfylh ok;jl( VksxkfofjMh% ?kksM+ksa esa ,uflQsyksekbfyfVl dk ok;jl( ¶ysfofofjMh% Lokbu ¶yw ok;jl( chohMh ok;jl( jsVªksfofjMh% foluk ,oa esMh ok;jl] ?kksM+ksa esa laØe.k QSykus okyk ,uhfe;k ok;jl] fyEQkWbM Y;wdksfll ok;jl] xk;&HkSal dk Y;wfdfe;k ok;jlA ikWDlfofjMh% dSÁhikWDl ok;jl( ,foikWDl ok;jl] dkvksikWDl ok;jl( ,LQkfofjMh% ,Ýhdu Lokbu Qhoj ok;jl( gihZt+fofjMh% cksokbu gihZt+ ok;jl( bDokbu gihZt+ ok;jl( laØked ySfjatksVªSfdVht+ ok;jl( ekjsd jksx ok;jl] L;wMksjscht+ ok;jl] eSfyXusaV dSVSjy Qhoj ok;jl] cÙk[k Iysx ok;jl( ,fMuksfofjMh% dqÙkksa dk laØked fgisVkbfVl ok;jl] ,x MªkWi fla.Mªkse ok;jl] ?kksfM+;ksa dk ,Mhuksok;jl] iSfiyksekfofjMh% iSfiyksesVksfll] ikjoksfofjMh% dqÙkksa dk ikjoks ok;jl] fcfYy;ksa dk iSuY;wdksihfu;k ok;jl] ldksZfofjMh% eqxksZa dk ,uhfe;k ok;jl( Ák;ksUl% LØsih] xkS i'kqvksa dk LikW.thQkWeZ ,fUlQSyksisFkh( ok;jl] beftZax] fj&beftZax ,oa VªkalckmaM ok;jl ,oa ok;jy laØe.kA



ÁSfDVdy%

;wfuV&1 ¼lkekU; ,oa Á.kkyhc) i'kq thok.kq foKku½

thok.kq foKku Á;ksx'kkyk dh vfHkLFkkiuk( oa/;dj.k vkSj folaØe.khdj.k ds rjhds( ok;qthoh vkSj v&ok;qthoh thok.kqvksa ds lao/kZu ds fy, lao/kZu ek/;e dk fuekZ.k( ok;qthoh vkSj v&ok;qthoh thok.kqvksa ds dYpj dk lao/kZu( 'kq) lao/kZu esa thok.kqvksa dk i`FkDdhdj.k( lkekU; LVsfuax] _.kkRed LVsfuax] thok.kqvksa dh foHksnd LVsfuax ÁfØ;k% xzke LVsfuax] ,flM&QkLV LVsfuax( fo'ks"k LVsfuax ÁØe% dSIL;wy ,oa Liksj LVsfuax( thok.kqvksa dh xfr'khyrk( lao/kZu dh lw{exzkfgr ijh{kk( thok.kq jksx funku ds fy, uewuksa dk ladyu] ifjogu

vkSj lalk/kuA LVSQkbyksdkWdl] bZ-dksykbZ] lkYeksusyk] DysfC;,yk ,oa ÁksfV;l( L;wMkseksukl( ikLVqjsyk( DykWLVªhfM;e dk y{k.k o.kZu( Lru jksx] xHkZikr] vka= jksx] 'olu ,oa ik;kstsfud laØe.kksa jksxksa esa thok.kqvksa dk i`FkDdj.k vkSj igpkuA

;wfuV&2 ¼i'kq dod foKku½

dod jksx funku ds fy, uewuksa ds ladyu] ifjogu vkSj lalk/ku dk o.kZuA lao/kZu ehfM;k rS;kj djuk( dod dh lao/kZd fo'ks"krk,a( dod dh vkÑfrdh ds v/;;u ds fy, vfHkjatu ds :i esa ySDVksfQuksy dkWVu Cyw dk Á;skx( dod ds lao/kZu dh laosnuxzkfgr ijh{kk( vU; egÙoiw.kZ ;hLV] QaQwnksa vkSj MesZVksQkbVksa dk Án'kZuA

;wfuV&3 ¼lw{e foKkuh tSo&ÁkS|kfxdh½

U;wfDy,d vEy dk fu"d"kZ.k vkSj ifjekiu( IykfLeMksa dk i`FkDdj.k rFkk IykfLeMksa dk ÁksQkby rS;kj djuk( jksxk.kqvksa ds U;wfDy,d vEy ds v/;;u vkSj funku ds fy, ,xjkst+ tSy bysDVªksQksjsfllA jksxk.kqvksa ds ÁksVhuksa ds v/;;u vkSj funku ds fy, ,lMh,l ist ,ysDVªksQksjsfll( ijek.kfod tho foKku ds v/;;u ds fy, eYVhehfM;k vkSj JO;&n`'; lgk;d lkexzh dk Á;ksxA

;wfuV&4 ¼i'kq jksxÁfrj{kk ,oa lhjksykWth½

Á;ksx'kkyk i'kqvksa dk Vhdkdj.k] Áfrtu rS;kj djuk] ,aVhlhje rS;kj djuk] lhje dks vyx vkSj lajf{kr djuk] bE;quksXyksfcuksa dh lkanzrk] layXurk ¼,XyqfVus'ku½ VsLV% IysV] V~;wc] jDr d.kksa dh layXurk ¼ghesXyqfVus'ku½] vo{ksi.k ijh{kk% vxkj tSy vo{ksi.k ijh{kk] flaxy jsfM;y bE;wuksfM¶;wt+u ijh{kk] bE;quksbysDVªksQksjsfll] dksf'kdk e/;LFkrk Áfrj{kk vuqfØ;k ¼MhVh,p½] ,Ut+kbe fyaDM bE;wukslkWcsZaV ,sls ¼,fylk½] i'kq fpfdRlk tho foKku laLFkku dk nkSjk vkSj ewY;akduA

;wfuV&5 ¼lkekU; ,oa Á.kkyhc) i'kq fo"kk.kq foKku½

fo"kk.kq foKku Á;ksx'kkyk ls lEidZ( uewuksa dk ladyu] ifjj{k.k] ifjogu vkSj fo"kk.kq Á;ksx'kkyk esa mudk lalk/ku( Á;ksx'kkyk i'kqvksa] eqfxZ;ksa ;k eqxhZ ds Hkzw.kh; vaMksa dk i`FkDdj.kA dksf'kdk lao/kZ ds fy, vfHkdeZd vkSj ehfM;k rS;kj djuk( lcdYpj ,oa lrr dksf'kdk Øe cuk, j[kuk( ghekslkbVksehVj esa thou{ke dksf'kdkvksa dh x.kuk djds dksf'kdkvksa dh ek=k dk ifjdyu( rq"kkj&laj{k.k ¼Øk;ksfÁt+osZ'ku½ rFkk dksf'kdk lao/kZ dh iqu&ÁkfIr( Ákbejh dksf'kdk lao/kZ rS;kj djuk ¼eqxhZ ds Hkzw.k dk QkbczksCykLV ;k eseus dk xqnkZ½( dksf'kdk lao)Z esa lkbVksiSfFkd ÁHkko dk Án'kZu ¼fo"kk.kqvksa ds egÙoiw.kZ i`FkDÑr va'k Á;ksx'kkyk esa ekStwn jgsaxs½( VhMhvkbZlh50 }kjk fo"kk.qkvksa dk VkbVªs'ku( vkSj dksf'kdk lao)ksZa esa Iykd ;k ijr dk fu/kkZj.k( dksf'kdk lao)ksZa esa dksf'kdk fu"ÁHkkohdj.k ijh{kk }kjk fu"ÁHkkou Áfrjf{k;ksa dk Án'kZuA fo"kk.kq laØe.k* dk irk yxkus ds fy, vxkj tSy vo{ksi.k ijh{k.kA if{k;ksa dh tkap ds fy, ghesXyqfVus'ku bufgfc'ku ijh{kkA fo"kk.kqvksa ds Áfrtu vkSj Áfrjf{k;ksa dh igpku ds fy, ,fylk tkap( fo"kk.kq jksxksa ds funku ds fy, ijekf.od rduhdksa dk Á;ksxA

* egÙoiw.kZ i`FkDÑr va'k Á;ksx'kkyk esa ekStwn jgsaxsA

| | | okf"kZd ijh{kk | |
|---|---|---|---|
| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
| F;ksjh | | | |
| isij&1 1] 2 ,oa 3 | | 100 | 20 |
| isij&2 4 ,oa 5 | | 100 | 20 |
| ÁSfDVdy | | | |
| isij&1 1] 2 ,oa 3 | | 60 | 20 |
| isij&2 4 ,oa 5 | | 60 | 20 |

¼**v**½ i'kq foÑfr foKku foHkkx

i'kq foÑfr foKku ØsfMV ?kaVs% 4$2¾6

;wfuV&1 ¼lkekU; i'kq foÑfr foKku½

i'kq fo—fr foKku dk ifjp; vkSj foLrkjA jksxksa ds çeq[k vkarfjd vkSj cká dkj.kA gheksMk;usfed jksx ¼gk;ij ,uhfe;k] jäladqyrk] jälzko] lwtu] jälzksr jks/ku] vUr%'kY;rk] jks/kxyu½A Xykbdkstu vfrHkkj] ,feykW;Mksfll rFkk olh; ifjorZuA ifjorZuh; vkSj vifjorZuh; dksf'kdk ?kko & vid"kZ] usØksfll vkSj blds Ádkj] ,iksIVksfll] iksLV&ekWVZe vkVksfyfll vkSj usØksfll ds chp varj] xSaxjhu vkSj blds ÁdkjA çeq[k vkarfjd vkSj cká jatdA esVkLVsfVd ,oa fMLVªksfQd dSYlhdj.kA çdk'klqxzkgh Ropk'kksFkA o`f) esa O;o/kku ¼,Iysfl;k] gkbiksIysfl;k] ,VªkWQh] gkbijVªkQh] gkbijIykfl;k] esVkIykfl;k] ,oa fMlIykfl;k½A 'kksFk% ifjHkk"kk,¡] oxhZdj.k] dksf'kdkvksa ds fofHkUu Ádkj vkSj muds —R;] e/;LFk] ekSfyd ladsr vkSj lokZaxh ÁHkkoA çkFkfed vkSj ek/;fed ps"Vk ls ?kko Hkjuk ftlesa o`f) ds dkjd 'kkfey gSaA laf{kIr jksxÁfrjf{kr jksxksa dk foÑfrfoKku ¼jksx Áfrj{kk esa deh] vfrlaosnu'khyrk vkSj Lor%Áfrj{kk½A

;wfuV&2 ¼nSfgd i'kq foÑfr foKku½

ikpu] 'olu] vfLFk&is'kh] g`n~/keuh;] ghesVksiksfVd] yfldkra=] ew= Á.kkyh] Átuu] raf=dk] var%lzkoh Á.kkyh] Ropk vkSj gkFk&iSjksa] vka[k vkSj dku dks ÁHkkfor djus okys foÑfr foKku laca/kh nSfgd ifjorZuA

;wfuV&3 ¼i'kq ddZjksx foKku] i'kq fDyfudy foÑfr foKku vkSj 'koijh{kk½

i'kq ddZjksx foKku% fu;ksIykT+e dh ifjHkk"kk,a] lk/kkj.k fo'ks"krk,a vkSj oxhZdj.kA lqlk/; vkSj nqnZE; vcqZnksa ds chp vUrj] gSrqdh ¼,fV;kykWth½] dSaljtuu rFkk fu;ksIykT+e dk Álkj] vcqZnksa dk Áfrj{k.k] vcqZnkas dk ÁHkko vkSj funku] fu;ksIykT+e dh ÁkoLFkk vkSj Js.khdj.kA ?kjsyw i'kqvksa esa fofHkUu Ádkj ds vcqZnksa dk foÑfr foKku ¼okfgdk] la;ksth Ård] ghesVksiks,fVd Ård bR;kfn½A

i'kq fDyfudy foÑfr foKku% ifjp;] jDr jksx foKku& jDr jksx foKku esa Á;ksx gksus okys Ldanujks/kh ¼gheksXykschu] dksf'kdkvksa dk ifjiw.kZ ek=k] dqy ,fjFkzkslkbV la[;k] ,fjFkzkslkbfVd lalwpd] ,fjFkzkslkbfVd volknu nj] Y;wdkslkbVksa dh dqy la[;k] fofHkUu Y;wdkslkbVksa dh iw.kZ la[;k½] jDr fLe;j ijh{kk vkSj bldh O;k[;kA

ew=&fo'ys"k.k & ew= dh HkkSfrd] jklk;fud vkSj lw{en'khZ tkapA nzqr xfr ls funku rduhd ds :i esa vii.khZ dksf'kdk foKku lfgr ck;ksIlh vkSj dksf'kdk foKku dk v/;;uA

'ko ijh{kk ¼usØksIlh½% ifjp;] mn~ns';] 'ko&ijh{kk ls iwoZ fn'kkfunsZ'k] oU; i'kqvksa lfgr i'kqvksa dh fofHkUu tkfr;ksa ds iksLV ekWVZe dh ÁfØ;k] iksLV ekWVZe esa ifjorZu] Á;ksx'kkyk ijh{k.kksa ds fy, uewuksa ¼#X.k lkexzh½ dk ladyu] ifjj{k.k vkSj Ás"k.k] iksLV ekWVZe fjiksVZ fy[kuk] i'kq fpfdRlk dkuwu ds vuqlkj 'ko ijh{kk] i'kq fpfdRlk dkuwu ds vuqlkj ?kkoA

;wfuV&4 ¼?kjsyw i'kqvksa ds laØked vkSj vlaØked jksxksa dk foÑfr foKku½

fo"kk.kqt laØe.kksa dk lk/kkj.k fo—fr foKku% fofHkUu i'kqvksa esa jksxtuu] iSj vkSj eq¡g ds jksxksa dk lexz vkSj lw{en'khZ fo—fr&foKkuA fjaMjisLV] vlk/; 'ys"eklzko Toj] uhyh thHk] laØked xkstkrh; jhuksVªsfdfVl] xks&tkrh; fc"kk.kqt vfrlkj] isLVs Mh isfVfVl ¼ihihvkj& tqxkyh djus okys i'kqvksa esa thok.kq laØe.k½ & xafB;k dkWEiysDl] ?kksM+ksa esa laØked jäkYirk] ?kksM+s+ dk bU¶yq,at+k] ?kksM+s esas fo"kk.kqt /keuh'kksFk] ?kksM+s esa jkbuks U;wEkksukbfVl] Dykfldy Lokbu Toj] Lokbu bU¶yq,at+k] jscht+] dqÙks esa euksfodkj] dqÙks dk laØked ;—r'kksFk] dqÙks esa ikoksZok;jl laØe.k] fcfYy;ksa esa iSuY;wdksihfu;k] esMh]

tkxft+,DVs ¼i'kqvksa dk Qq¶Qql 'kksFk½] ikWDl ok;jl jksxA osfldqyj LVksesVkbfVl] osfldqyj ,Dt+kaFkhek] ?kksM+ksa esa ,fllQSyksekbfyVht+] jksVk vkSj dkWfuZ;k fo"kk.kqvksa }kjk gksus okys jksxA

thokf.od laØe.kksa dk lk/kkj.k fo—fr foKku% jksxtuu] {k;jksx] tkWu jksx] ,fDVuksekbdksfll] ,fDVukscsflyl] fxyVh jksx ¼,UFkzSDl½] DyfLVfM;y lewg ds jksx ¼CySd DokVZj] CySd fMt+ht+] ,aVsjksVkWfDlfe;k] czsDlh] cksVqfyT+e fVVsul 'kkfey gSa½] ?kksM+ksa esas xy?kksaVw jksx lfgr LVªIVhdksdksfll] LVsQkbyksdksdksfll] XySaMlZ] ikLrqjsyksfll] ysIVhfLijksfll] fyLVsfjvksfll] Lokbu ,jhflisyl] cwlsyksfll] dkWjhuscsDVhfj;e laØe.k ¼dsfl;l fyEQsMsukbfVl] L;wMksV~;wcjdqyksfll½] dSaEikbykscsDVhfj;ksfll] lkYehusyksfll vkSj dksyhcsflyksfll] ftlesa lqvjksa dks gksus okyk 'kksFk vkSj usØkscSflyksfll 'kkfey gSa½A

ekbdksIykT+ek laØe.k dk jksxtuu] lexz vkSj lw{en'khZ; fo—fr foKku ¼laØked xkSi'kq IY;wjksU;weksfu;k] laØked dsizkbu IY;wjksU;weksfu;k] iksjlkbu ,ut+wfVd U;weksfu;k½] DySekbfM;y lewg ds jksx] D;w&Toj] ,ukIykT+eksfll ,oa ,g~jfyfd;ksfllA

lrgh vkSj xgu ekbdksfll dk jksxtuu] ldy ,oa lw{en'khZ fod`frfoKku & fjaxoeZ ¼MesZVksQkbVksfll½] ,Lijftyksfll] t+kbxksekbdksfll] fgLVksIykleksfll] fØIVhdksdksfll vkSj jkbuksLiksfjMk;ksfll ,oa dsaMhfM,fllA ,¶ykVkWfDldksfll] vksØkVkWfDldksfll] Vªkbdksf Fkdksfll] Msxukyk jksx vkSj vxksZVkWfDldksfllA

Qsfl;ksyksfll] ckcsfl;ksfll] Fkhysfj;ksfll] vkSj fVªiSukslkseksfll dk jksxtuu] lexz vkSj lw{en'khZ; fo—fr foKkuA ,EQhLVksfe,fll] ,Ldsfj,fll] LVªkWfxayksfll] ghesadksfll] Likbjksfljdksfll] fQysfj,fll] gqdoeZ] VsioeZ laØe.k] dkWDlhfM;ksfll] VkWDlksIykT+eksfll] fØIVksLiksfjMksfll esa gksus okys jksxtud ifjorZu ¼laf{kIr½A



dkcksZvkbMªsVksa] çksVhuksa] olk] [kfutksa vkSj foVkfeuksa dh iks"k.k vlarqyu ds dkj.k gksus okys jksxtud ifjorZu rFkk p;kip;h jksx ¼xHkkZoLFkk] fo"kjärk] Álo&i'pkr~ gheksXyksfcuqfj;k] gkbiksesXuslsfed fVVsuh] ,tksVqfj;k rFkk Los cSdksjsut+wfVd ,VsfDl;k] ikbdk vkSj xfB;k tSls flaMªkse½A

vklsZfud] rkack] lhlk] edZjh] dSMfe;e] fLVªdfuu] ukbVªsV ;k ukbVªkbV] gkbMªkslk;ukbM vEy] ¶ywjkbM] lsysfu;e vkSj vkWDlysV tSlh fo"kkärkvksa] dhVuk'kh ;k —feuk'kh fo"kkDrrk] ikni fo"kDrrk ¼czsdu QuZ] xkWlhiksy] jÙkh vkSj ySaVkuk½ ds dkj.k gksus okyh fo"kkDrrkvksa dk lexz vkSj lw{en'khZ; fo—fr foKkuA

;wfuV&5 ¼i{kh foÑfr foKku½

if{k;ksa esa 'kksFk] fo"kk.kq tfur jksx% jkuh[ksr jksx] laØked clZy jksx] laØked 'okl uyh 'kksFk] laØked Loj;a= ç.kkyh 'kksFk] eqfxZ;ksa dk pspd jksx] i{kh bU¶yq,sat+k] ekjsd jksx] Y;wdksfllksjlkdksZek lewg ds jksx] jsfMdqyks,aMksFksfy;ksfll] i{kh; efLr"d lq"kqEuk'kksFk] varosZ'kh nSfgd ;—r'kksFk] gkbMªksisjhdkfMZ;e flaMªkse] pwtksa dks gksus okyk laØked jäkYirk jksx] if{k;ksa dks gksus okyh laØked jDrkYirk] if{k;ksa dks gksus okyk usQjkbfVl] ,xMªkWi flaMªkse] fj;ksok;jl laØe.k dk jksxtuuA

thok.kq tfur jksx% jksxtuu] dksyhcsflyksfll] laØked t+qdke] DykWfLVªfM;y jksx] lkYeksusyk laØe.k] eqfxZ;ksa dk pspd jksx] V~;wcjdqyksfll] LikbjksdhVksfllA ekbDuksIykLek laØe.k] DySekbfM;ksfll dk jksxtuu vkSj lexz vkSj lw{en'khZ; fo—fr foKkuA

gsfYefUFkd jksxksa ¼¶ywd] lsLVksM] usekVksM½] çksVkstksvk jksxksa ¼dkWDlhfM;ksfll] fgLVkseksfu,fll½] ,DVksiSjklkbVªl dk lexz vkSj lw{en'khZ; fo—fr foKku ¼laf{kIr½A

dkc,gkbMªsVksa] çksVhuksa] [kfutksa vkSj foVkfeuksa ds dkj.k gksus okys iks"k.k vlarqyuksa dk lexz vkSj lw{en'khZ; fo—fr foKkuA fofHkUu jksx ¼yw yxuk] osaV XyhV] vkar-fjd ijr] feF;k ijr] isaMqyl ØkWi] czsLV fCyLVj] ,lkbVht+ flaMªkse] olh; ;Ñr ,oa xqnkZ

flaMªkse] olh; ;Ñr flaMªkse] dst ys;j Fkdku] xfB;k] jDrlzko flaMªkse] jkmaM gkVZ jksx] vaMk'k; ufydk ij ÁHkko] v.M&ca/ku fLFkfr] cEcy QqV½ vkSj lkekU; jksxA

;wfuV&6 ¼Á;ksx'kkyk vkSj oU; i'kq jksxksa dk foÑfr foKku½

pwgksa] pqfg;ksa vkSj fxuh fix ds egÙoiw.kZ jksxksa ¼Vkbt+j jksx] L;wMksV~;wcjdqyksfll] lkYeksusyksfll] laØked ,Øksesfy;k] f'k'kqvksa dks gksus okys nLr] E;wjkbu fgisVkbfVl fo"kk.kq] fyEQkslkbfVd dksfj;ksesfuutkbfVl½ dk foÑfr foKku( [kjxks'kksa ds Áeq[k jksxksa ¼ikLVqjyksfll] Cyw czsLV] VªsIVksfuesVksfll] ,aVsjksVkWDlhfe;k] [kjxks'kksa dks gksus okyh pspd] laØked feDlksesVksfll] iSfiyksesVksfll] dkWDlhfM;ksfll] ekbV laØe.k½ dk foÑfr foKkuA oU; i'kqvksa ds egÙoiw.kZ jksx ¼osLV ukby Qhoj] jscht+] ,Q,eMh] pspd] d;klkukSj oU; jksx] laØked fgisVkbfVl fo"kk.kq] ,aFkzSDl] {k;jksx] dkWyhcSflyksfll] DykWLVªhfM;y laØe.k] fVªikukslkseksfll] ckcsfl;ksfll] Fkhysfj;ksfll] iks"k.k U;wurk jksx dk lexz vkSj lw{en'khZ; fo—fr foKkuA

ÁSfDVdy

;wfuV&1 ¼lkekU; i'kq foÑfr foKku½

lexz oS—r uewuksa dk v/;;u vkSj lexz oS—r ?kkoksa dh igpkuA Ård&foÑr oSKkfud rduhdksa ds fy, Årdksa dk lalk/ku& iSjkfQu var%LFkkiu rduhd] [kaM dkVuk] vfHkjatu ,oa lw{en'khZ ?kkoksa dh igpkuA lkekU; foÑfrtU; ifjorZuksa dks n'kkZus ds fy, Ård&foÑr oSKkfud LykbMksa dh tkapA

;wfuV&2 ¼lokZaxh i'kq foÑfr foKku½

lokZaxh foÑfr foKku ls lacaf/kr ldy uewuksa vkSj Ård&foÑr oSKkfud LykbMksa dk v/;;uA

;wfuV&3 ¼i'kq ddZjksx foKku] i'kq fDyfudy foÑfr foKku vkSj 'koijh{kk½

fofHkUu Ádkj ds lqlk/; vkSj nqnZE; vcqZnksa dh vka[k ls ns[kdj vkSj lw{en'khZ }kjk tkapA ?kjsyw i'kqvksa vkSj eqfxZ;ksa ds useh #f/kjfoKkuh ijh{k.kksa ds fy, jDr dh tkapA ew= dh HkkSfrd] jklk;fud vkSj lw{en'khZ tkapA oU; ,oa ?kjsyw i'kqvksa lfgr i'kqvksa dh fofHkUu tkfr;ksa dh iksLV&ekVZe ijh{kk djukA

;wfuV&4 ¼?kjsyw i'kqvksa ds laØked vkSj vlaØked jksxksa dk foÑfr foKku½

iksLV ekWVZe ijh{k.k vkSj mudh O;k[;kA ?kjsyw i'kqvksa ds laØked vkSj vlaØked jksxksa ls lacaf/kr fofHkUu vaxksa dh Ård&foÑfr foKkuh LykbMksa vkSj lexz uewuksa dk v/;;uA Ård [kaMksa esa fo'ks"k vfHkjatuksa }kjk jksxdkjdksa dk Án'kZu vkSj rhozxfrd funku ijh{kkvksa dk Á;ksxA

;wfuV&5 ¼i{kh foÑfr foKku½

eqfxZ;ksa dh iksLV ekWVZe ijh{kk vkSj iksLV ekWVZe fjiksVZ fy[kukA dqDdqV jksxksa dh #X.k lkefxz;ksa dk ladyu] ifjj{k.k vkSj Ás"k.kA dqDdqVksa ds fofHkUu jksxksa ds lexz uewuksa vkSj Ård&foÑfr foKkuh LykbMksa dk v/;;uA



;wfuV&6 ¼Á;ksx'kkyk vkSj oU; i'kq jksxksa dk foÑfr foKku½

Á;ksx'kkyk vkSj oU; i'kqvksa dh iksLV ekWVZe ijh{kk vkSj mudh O;k[;kA Á;ksx'kkyk vkSj oU; i'kqvksa dks ÁHkkfor djus okys jksxksa dh Ård&foÑfr foKkuh LykbMksa vkSj lexz uewuksa dk v/;;uA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| F;ksjh | | | |

| | | |
|---|---|---|
| isij&1 1] 2 ,oa 3 | 100 | 20 |
| isij&2 4] 5 ,oa 6 | 100 | 20 |

ÁSfDVdy

| | | |
|---|---|---|
| isij&1 1] 2 ,oa 3 | 60 | 20 |
| isij&2 4] 5 ,oa 6 | 60 | 20 |

¼**vi**½ i'kq vkuqoaf'kdh ,oa Átuu foHkkx

i'kq vkuqoaf'kdh ,oa Átuu ØsfMV ?kaVs% 3$1

F;ksjh

;wfuV&1 ¼tSo lkaf[;dh ,oa dEI;wVj dk Á;ksx½

tSo lkaf[;dh% lkaf[;dh ,oa tSo&lkaf[;dh dk ifjp; vkSj egÙoA vkadM+ksa dk oxhZdj.k vkSj mudk lkj.khdj.kA iSjkehVj] vkadM+s vkSj çs{k.kA vkadM+ksa dk ltho vkSj vkÑfrd çLrqrhdj.kA dsfUnzd ço`fÙk dk ekiu ¼ljy vkSj lewfgr vkadM+s½A Álkj ds lk/ku ¼ljy vkSj lewfgr vkadM+s½A lEHkkO;rk vkSj lEHkkO;rk forj.k% ck;uksfe;y] iksbZlu vkSj lkekU;A ewesaV~l] LD;wusl vkSj dqVksZfllA lg&lEcU/k vkSj çfrxeuA Áfrp;u fof/k dk ifjp;A ifjdYiuk&Vh VsLV vkSj t+sM&VsLVA ph&LDos;j VsLVA Á;ksx dh :ijs[kk & iw.kZr;k ;kn`fPNd :ijs[kk ¼lhvkjMh½A

;k–fPNd CykWd fMtkbu ¼vkjchMh½A vUrj ¼osfj,al½ dk fo'ys"k.k vkSj fof'k"Vrk dk ,Q&VsLVA ukWu&iSjkehVfjd ijh{k.kksa dk ifjp;A

dEI;wVj ,fIyds'ku& dEI;wVj ySaXost dk ifjp;A MkVkcsl eSustesaVA ,e,l vkWfQl vkSj blds dkWEiksusaV~l dh leh{kk ¼,e,l&oMZ] ,Dlsy] ikoj ikWbaV vkSj ,sDlsl½A ,e,l&,sDlsy dk Á;ksx djds MkVk dk fo'ys"k.kA dEI;wVj usVodZ baVjusV vkSj bZ&esy ds fl)karA

;wfuV&2 ¼i'kq ,oa tula[;k vkuqoaf'kdh ds fl)kar½

i'kq vkuqoaf'kdh% vkuqoaf'kdh dk bfrgklA feVksfll cuke fevksfllA i'kqvksa vkSj dqDdqVksa ds xq.klw=kad vkSj tkfr;kaA esaMsfy;u fl)karksa dh leh{kkA :ikUrfjr esaMsfy;u oa'kkuqØeA cgqÁHkkoh ¼Iyk;ksVªkWih½] O;kfIr vkSj vfHkO;atukA cgq fodYih( Ák.k?kkrh( fyax&la;ksftr( fyax&lhfer vkSj fyax&çHkkfor vkuqoaf'kdrkA fyax fu/kZj.kA la;kstu] ladj.k vkSj la;kstu vkys[; dk fuekZ.kA mRifjorZu] xq.klw=kadh; foiFkuA dksf'kdkuqoaf'kdh] xq.k lw=dsÙkj vkuqoaf'kdrkA ijek.kfod vkuqoaf'kdrk] U;wfDy,d vEy&lajouk vkSj dk;ZA thu dh vo/kkj.kk] Mh,u, vkSj bldk Áfrfp=.kA ijekf.od rduhd dk ifjp;A

tula[;k vkuqoaf'kdh% tula[;k vkuqoaf'kdh dk ifjp;A O;fDrxr cuke tula[;kA tula[;k dh vkuqokaf'kd lajpuk% thu vkSj thuksVkbi vko`fÙkA gkMhZ&ohucxZ fl)kar vkSj bldk Á;ksxA thu vkSj thuksVkbi vko`fr;ksa dks cnyus okyh 'kfä;ka ¼tSls] mRifjorZu] çoztu] p;u vkSj vilj.k½A

ek=kRed cuke xq.kkRed vkuqoaf'kdh( vkSlr ÁHkko dk fl)kar vkSj Átuu ewY;A vlaxfr Álj.k ¼osfj,al½ ds ?kVdA thuksVkbi vkSj i;kZoj.k ds chp lglaca/k vkSj ijLij fØ;k dk fl)karA vkuaoaf'kdrk vkSj iqujkorZuh;rkA tusfVd vkSj fQuksVkbi ds chp varlZaca/kA

;wfuV&3 ¼i'kq Átuu ds fl)kar½

i'kq/ku vkSj dqDdqV Átuu% i'kq çtuu dk bfrgklA uLyksa dk oxhZdj.kA i'kqvksa vkSj dqDdqVkfn dh vkfFkZd fo'ks"krk,a vkSj mudk egÙoA p;u] p;u ds Ádkj] p;u ds Áfr ÁfrfØ;k vkSj bls ÁHkkfor djus okys dkjdA p;u dk vk/kkj% oS;fäd] oa'kkoyh] ifjokj] lxks=] larfr vkSj la;qä] vçR;{k p;uA p;u dh fof/k] ,dy ;k cgq&fc'ks"krkA laxeu ç.kkfy;ksa dk oxhZdj.kA var%Átuu xq.kkad vkSj laca/kksa dk xq.kkadA var%Átuu dh vkuqoaf'kdrk vkSj var%Átuu ds ley{k.krk ifj.kke] var%Átuu dk Á;ksxA cfgÁZtuu vkSj blds fofHkUu ÁdkjA cfgÁZtuu dh

vkuqoaf'kdrk vkSj cfgÁZtuu ds ley{k.krk ifj.kke] cfgÁZtuu dk Á;ksx] fgVjksfllA fgVjksfll ds mi;ksx dh ç.kkyhA la;kstu {kerk dk p;u ¼vkj,l ,oa vkjvkj,l½A Ms;jh i'kqvksa vkSj HkSalksa ds lq/kkj ds fy, çtuu ds rjhdsA HksM+] cdjh] lqvj vkSj eqfxZ;ksa ds lq/kkj ds fy, Átuu ds rjhdsA uj i'kq dk ewY;kaduA vksiu U;wfDy;l czhfMax Á.kkyh ¼vks,uch,l½A ubZ uLyksa ;k Átkfr;ksa dk fodklA



jkT; vkSj ns'k esa i'kq vkSj dqDdqVkfn ds çtuu dh orZeku uhfr;ka vkSj dk;ZØeA ifjj{k.k ds rjhds& jkT; vkSj ns'k esa i'kq/ku vkSj dqDdqVkfn ds ifjj{k.k dk;ZØeA i'kqvksa vkSj dqDdqVkfn ds vkuqoaf'kd lq/kkj ds fy, Átuu vkSj tSo&rduhdh lk/kuksa dk Á;ksxA jksx&Áfrjks/k ds fy, tuuA

ikyrw i'kqvksa] fpfM+;k?kj ds i'kqvksa vkSj oU; i'kqvksa dk Átuu% dqÙks vkSj fcfYYk;ksa dh uLyksa dk oxhZdj.kA iSfMxzh 'khV] uLyksa dk p;u vkSj uLyksa dh Áeq[k fo'ks"krk,aA dqÙks vkSj fcfYYk;ksa ds Átuu dh O;oLFkkA Hkkjr esa feyus okyh if{k;ksa dh lkekU; uLysa vkSj muds Átuu dh O;oLFkkA

canhx`gksa ;k fpfM+;k?kjksa esa jgus okys oU; i'kqvksa dh tula[;k ds vkadM+s vkSj tula[;k dk ÁlkjA oU; i'kqvksa dk fu;ksftr ÁtuuA fu;af=r Átuu vkSj lgk;d ÁtuuA oU; i'kqvksa ds ifjj{k.k ds fy, ÁtuuA

ÁSfDVdy

;wfuV&1 ¼tSo lkaf[;dh ,oa dEI;wVj dk Á;ksx½

MkVk dk laxzg.k] ladyu vkSj lkj.kh;uA lkekU; vkSj lewfgr MkVk ds fy, dsUnzh; ço`fÙk ds iSekuksa ¼ehu] HkhfM;u] eksM½ dk vuqekuA lkekU; vkSj lewfgr MkVk ds fy, izlkj ds iSekuksa ¼ijkl] ekud fopyu] ekud =qfV vksSj ifjorZu ds xq.kkad½ dk vuqekuA MkVk dk fp=kRed vkSj vkÑfrd çLrqrhdj.kA lglEcU/k vkSj ijkorZu dk vuqekuA lkekU; Ákf;drk leL;k,aA lkekU; forj.kA fof'kVrk ijh{k.k% Vh&VsLV] t+sM&VsLV] ph&LDos;j] ,Q&VsLVA iw.kZr;k ;k–fPNd fMt+kbu ¼lhvkjMh½A ;k–fPNd CykWd fMt+kbu ¼vkjchMh½A dE;wVj csflDl vkSj dE;wVj ds vo;oA lkekU; lapkyu% baVjusV vkSj bZ&esy] ,e,l vkWfQl ¼,e,l&,Dlsy½ }kjk MkVk çfo"V djuk vkSj mls ^lso* djukA

;wfuV&2 ¼i'kq ,oa tula[;k vkuqoaf'kdh ds fl)kar½

eksuksgkbfczM] MkbZgkbfczM vkSj eYVhiy vysysA #ikarfjr eSaMsfy;u vkuqoaf'kdrk vkSj fyax&lac) vkuqoaf'kdrkA QkeZ i'kq çtkfr;ksa esa xq.klw= Ák:i.k ¼dsfj;ksVkbfiax½ dk çn'kZuA thu vkSj- thuksVkbi vko`fÙk;ksa dh lax.kukA MkMhZ&ohucxZ lUrqyu ds fy, tula[;k dh tkapA thu vkofrZ;ksa esa ifjorZu djus okys fofHkUu cyksa dk ifjdyuA tula[;k vkSlr] thu vkSj thu ÁfrLFkkiu ds vkSlr ÁHkko vkSj thu forj.k dk ifjdyuA vko`fÙk&;ksX;rk] vkuqoaf'kdrk] thuksVkbi vkSj QhuksVkbi ds lglEcU/kksa dk vuqekuuA

;wfuV&3 ¼i'kq Átuu ds fl)kar½

p;u dk ifjdyu] p;u esa varj] p;u dh Ácyrk] ihf<+;ksa dk varjky] ÁR;kf'kr vkuqokaf'kd ykHk] lag&lacaf/kr vuqfØ;k] bZih, ,oa lokZf/kd lEHkkO; Átuu {kerk ¼,eihih,½A var%tuu vkSj laca/k xq.kkad dk vuqekuuA gsVsjksfll ¼fHkUukJ;½ dk vuqekuuA Átud lalwpdksa dk ifjdyuA p;u lalwpdksa dk ifjdyuA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| F;ksjh | | | |
| isij&1 | 1 ,oa 2 | 100 | 20 |
| isij&2 | 3 | 100 | 20 |

ÁSfDVdy

| | | |
|---|---|---|
| isij&1 1 ,oa 2 | 60 | 20 |
| isij&2 3 | 60 | 20 |

¼**vii**½ i'kq iks"k.k

i'kq iks"k.k ØsfMV ?kaVs% 3$1

F;ksjh

;wfuV&1 ¼Ik'kq iks"k.k vkSj vkgkj ÁkS|ksfxdh½

Ik'kq iks"k.kdk bfrgklAi'kq mRiknu vkSj LokLF; esa iks"kdksa dk egÙoA i'kq 'kjhj vkSj ikS/kksa dh lajpukA iks"k.k lEcU/kh 'kCn vkSj mudhs ifjHkk"kk,aA dkcksZgkbMªsV] ÁksVhu vkSj olk dk iks"k.k laca/kh i{kA ty vkSj p;kip;h ty dh Hkwfedk vkSj vfuok;ZrkA LokLF; vkSj mRiknu esa [kfutksa ¼çeq[k vkSj lw{eekf=d rÙo½ vkSj foVkfeuksa dk egÙo vkSj mudh vko';drk,aA LokLF; vkSj mRiknu esa [kfutksa ¼çeq[k vkSj lw{eekf=d rÙo½ vkSj foVkfeuksa dk egÙo] mudh vko';drk vkSj vkgkj esa mudh vuqiwfrZA lkekU; vkgkj vkSj pkjs] mudk oxhZdj.k] miyC/krk vkSj i'kq/ku rFkk dqDdqV mRiknu esa mudk egÙoA [kk| ÅtkZ dk ekiu vkSj mldk vuqç;ksx& ldy ÅtkZ] ikpu;ksX; ÅtkZ] p;kip;&l{ke ÅtkZ] fuoy ÅtkZ] dqy ikpu;ksX; iks"kd] LVkpZ rqY;kad] [kk| ;wfuV] fØ;kRed ÅtkZ ewY;A çR;{k vkSj vçR;{k Å"ekekiu] dkcZu vkSj ukbVªkstu lUrqyu v/;;uA vkgkj dk çksVhu ewY;kadu &tqxkyh djus okys vkSj tqxkyh u djus okys i'kqvksa esa çksVhu xq.koÙkk dk ekiuA çksVhu



dk tSfod ewY;] çksVhu {kerk vuqikr] çksVhu lerqY;rk] ikpu;ksX; v'kksf/kr çksVhuA dSyksjh çksVhu vuqikr] iks"k.k vuqikrA [kk| ÁkS|ksfxdh dk ifjp;& vkgkj m|ksx] lkanzdksa dk lalk/ku vkSj eksVk pkjkA ?kfV;k DokfyVh okys eksVs pkjs ds iks"k.k ewY; esa lq/kkj ds fy, fofHkUu HkkSfrd] jklk;fud vkSj tSfod rjhdsA ifjjf{kr pkjs vkSj lw[kh ?kkl ds ek/;e ls i'kq&vkgkj dk fuekZ.k] HkaMkj.k vkSj ifjj{k.k rFkk i'kqvksa ds vkgkj esa mudk mi;ksxA vkgkj vkSj pkjs ds gkfudkjd çk—frd ?kVd vkSj lkekU; vifeJdA i'kqvksa vkSj dqDdqVksa ds jk'ku esa vkgkj ;kstd vkSj mudk mi;ksxA

;wfuV&2 ¼tqxkyh djus okys i'kqvksa dk vuqÁ;qDr iks"k.k&**I**½

oSKkfud vkgkj f[kykus dk egÙoA pkjk f[kykus ds ç;ksxA ikpu vkSj p;kip; ijh{k.kA ikpu ijh{k.k djus ds fy, viuk, tkus okys ekunaMA vkgkj dh ipuh;rk dks çHkkfor djus okys dkjdA vkgkj ds ekunaM] mudk Á;ksx vkSj egÙo rFkk tqxkyh djus okys i'kqvksa ds lanHkZ esa fofHkUu vkgkj ekunaMA larqfyr jk'ku vkSj mudh fo'ks"krk,aA

;wfuV&3 ¼tqxkyh djus okys i'kqvksa dk vuqÁ;qDr iks"k.k& **II**½

çtuu] nw/k] ekal] Åu vkSj Mªk¶V dk;Z ds lanHkZ esa vuqj{k.k vkSj mRiknu ds fy, ÅtkZ vkSj çksVhu dh vko';drk dk ewY;kadu djus ds rjhds vkSj iks"k.k dh vko';drk,aA jk'ku ds ifjdyu ds lkekU; fl)karA o`f) vkSj mRiknu ds fofHkUu pj.kksa ¼uotkr f'k'kq] fd'kksj] ;qok] xHkZorh] nw/k nsus okys vkSj funqX/k i'kq çtud lkaM½ ds nkSjku Ms;jh i'kqvksa vkSj HkSalksa] rFkk dke djus okys i'kqvksa dks vkgkj f[kykuk vkSj jk'ku dk lw=hdj.kA HksM+ vkSj cdfj;ksa dh o`f) vkSj fodkl ds fofHkUu pj.kksa ¼nw/k] ekal vkSj Åu½ ds nkSjku vkgkj f[kykus vkSj jk'ku dk lw=hdj.kA vf/kd mRiknu djus okys i'kqvksa dk vkgkj vkSj ckbikl iks"kdksa dh HkwfedkA p;kip; esa nks"k rFkk iks"k.k ds dk;ZØeA tqxkyh djus okys i'kqvks ds fy, ,uih,u ;kSfxdksa dk mi;ksxA

;wfuV&4 ¼tqxkyh u djus okys i'kqvksa dk vuqÁ;qDr iks"k.k½

dqDdqV] lqvjksa vkSj v'oksa esa iks"k.k lEcU/kh vko';drk,a & vuqj{k.k vkSj mRiknu ds fy, ÅtkZ vkSj çksVhu dh vko'drk,aA o`f)] çtuu vkSj mRiknu ¼vaMk ekal vkSj dk;Z½ ds lanHkZ

esa vuqj{k.k vkSj mRiknu ds fy, ÅtkZ C;wjks ds ekunaMksa vkSj Hkkjrh; Ñf"k vuqla/kku ifj"kn~ ds fofunsZ'kksa ds vuqlkj tqxkyh u djus okys i'kqvksa vkSj dqDdqVksa ds fy, vkgkj ekunaM vkSj jk'ku dk lw=hdj.kAlqvjksa ¼lqvj ds cPpksa] fodflr gks jgs f'k'kqvksa] nw/k nsus okyh vkSj xHkZorh lqvfj;ksa] çtud lqvjksa] eksVs i'kqvksa½] ?kksM+ksa ¼cNMksa ,do"khZ; ?kksM+ksa] tuus okyh ?kksfM+;ksa] Átud ?kksM+s vkSj jsl esa Hkkx ysus okys ?kksM+s½ vkSj dqDdqVksa ¼LVkVZj] xzksvj] czkW;yj vkSj vaMk nsus okys½ dks ikjEifjd vkSj vijkEifjd [kk| la?kVdksa ls ;qDr vkgkj f[kykukA cÙk[kksa] cVsj] VdhZ vkSj Á;ksx'kkyk i'kqvksa dk vkgkjA ewf"kdk] pwgk] [kjxks's'k vkSj fxuh fix dh iks"k.k vko';drk,aA [kjxks's'k vkSj ç;ksx'kkyk i'kqvksa ds vkgkj dk lw=hdj.k] vkgkj cukuk vkSj f[kykukA fofHkUu Js.kh ds dqÙkksa vkSj fcfYy;ksa dhs iks"k.k vko';drk,a vkSj vkgkjA p;kip; laca/kh nks"k vkSj iks"k.k ds dk;ZØeA

ÁSfDVdy

;wfuV&1 ¼Ik'kq iks"k.k vkSj vkgkj ÁkS|ksfxdh½

iks"k.k Á;ksx'kkyk esa dk;Z djrs gq, cjrh tkus okyh fofHkUu lko/kkfu;kaA fofHkUu vkgkjksa vkSj pkjksa dh tkudkjhA jklk;fud fo'ys"k.k ds fy, & 'kkd] ey] ew= vkSj ifjf{kr pkjs ds uewus rS;kj djuk vkSj mUgsa lalkf/kr djukA fo'ys"k.k dh ohaMs ç.kkyh & vkgkj ds uewuksa esa 'kq"d inkFkZ] dqy jk[k] vEy esa ?kqyu'kkhy jk[k] vifj"Ñr çksVhu] bZFkj dk lRo] vifj"Ñr js's] ukbVªkstu&eqDr lÙo dk vkdyuA dSfYl;e vkSj QkWLQksjl dk vkdyuA pkjs ds fo'ys"k.k dh viektZd fof/kA vokafNr ?kVdksa vkSj lkekU; vifeJdksa dh xq.kkRed tkapA

;wfuV&2 ¼tqxkyh djus okys i'kqvksa dk vuqÁ;qDr iks"k.k&A½

ipuh; vifj"Ñr ÁksVhu ¼Mhlhih½] dqy ipuh; iks"k.k ¼VhMh,u½] iks"k.k vuqikr ¼,uvkj½ vkSj iks"k.k larqyu ds lanHkZ esa fofHkUu [kk| oLrqvksa ds iks"k.k ewY;ksa dk ifjdyuA

;wfuV&3 ¼tqxkyh djus okys i'kqvksa dk vuqÁ;qDr iks"k.k½

Mhlhih] VhMh,u vkSj p;kip;h ÅtkZ ¼,ebZ½ ds lanHkZ esa vkSj vkSj vU; Ádkj ds mRiknuksa] tSls ekal] nw/k] Åu] mRiknu vkSj vU; dk;ksZa ds fy, iks"kdksa dh vko';drkvksa dh x.kukA fofHkUu ifjfLFkfr;ksa esa jgus okys fofHkUu Js.kh ds i'kqvksa ds fy, jk'ku dk lw=hdj.kA vHkko dh vof/k esa i'kqvksa dks f[kykus ds fy, jk'ku dk lw=hdj.kA i'kq QkeZ vkSj vkgkj fey dk nkSjkA

;wfuV&4 ¼tqxkyh u djus okys i'kqvksa dk vuqÁ;qDr iks"k.k½

o`f)] mRiknu vkSj vU; izdkj ds mRiknuksa] tSls vaMs vkSj ekal ds fy, iks"k.k dh vko';drkvksa dk ifjdyuA ikjEifjd vkSj xSj&ikjEifjd vkgkj ?kVdksa dk Á;ksx djds dqDdqVksa vkSj lqvjksa ds fy, jk'ku dk lw=hdj.kA vkgkj dks la;ksftr vkSj fefJr djus ds fl)karA QkeZ dk nkSjkA ?kksM+ksa] dqÙkksa vkSj fcfYy;ksa ds fy, ladqfyr vkgkj dk lw=hdj.kA fpfM+;k?kj ds i'kq vkSj if{k;ksa dk vkgkj vkSj vkgkj dk lw=hdj.k & iks"k.k pkVZA



okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| F;ksjh | | | |
| isij&1 | 1 ,oa 2 | 100 | 20 |
| isij&2 | 3 ,oa 4 | 100 | 20 |
| ÁSfDVdy | | | |
| isij&1 | 1 ,oa 2 | 60 | 20 |
| isij&2 | 3 ,oa 4 | 60 | 20 |

¼**iii**½ i'kq vkS"k/k foKku vkSj i'kq fo"k foKku

i'kq vkS"k/k foKku vkSj i'kq fo"k foKku

F;ksjh

;wfuV&1 ¼lkekU; vkS"k/k foKku½

vkS"k/k foKku dk ifjp;] ,sfrgkfld fodkl] 'kk[kk,a vkSj foLrkjA vkS"k/kksa ds lzksr vkSj izd`frA vkS"kf/k;ksa dh vkS"k/k&foKku ls lacaf/kr 'kCnkoyh] ifjHkk"kk,a vkSj ukekoyhA vkS"kf/k lfØ;rk ds fl)kUr% Hks"ktcyxfrdh& vkS"kf/k nsus ds ekxZ] vo'kks"k.k] forj.k] tSo :ikUrj.k vkSj mRltZuA Hks"ktcyxfrdh & vkS"kf/k vkSj vfHkxzkgd dh ladYiuk] ek=k&çfrfØ;k lEcU/k] vkS"kf/k lfØ;rk ls lEcfU/kr 'kCn vkSj vkS"kf/k ds çHkko vkSj ek=k dks #ikUrfjr djus okys dkjdA vkS"kf/k;ksa ds Áfrdwy ÁHkko] vkS"kf/k;ksa dh ijLij fØ;kA

;wfuV&2 ¼vkWVksuksfed raf=dk Á.kkyh ij fØ;k djus okyh vkS"kf/k;ka½

U;wjksg~;weksjy lapj.k] U;wjksVkalehVjksa dk vkS"kf/k foKkuA ,fMªukslsIVj ,xksfuLV vkSj ,aVksfxfuLV] ,fMªuftZd U;wjksu CykWdlZ] dksyhukslsIVj ,xksfuLV vkSj ,aVksfxfuLVA

vkWVkdkWbM% fgLVkehu] fgLVkehu ,ukykWx vkSj ,aVhfgLVfefud ,tsaV] 5&gkbMªkWDlhfVªIVsekbu vkSj mlds ,xksfuLV vkSj ,aVksfxfuLV] bZdksLVsukWbM] IysVysV lfØ;d dkjd] ,aft;ksVsfUlu] czSfMfdfuu vkSj dSyhfMuA

;wfuV&3 ¼dsanzh; raf=dk ra= ij fØ;k djus okyh vkS"kf/k;ka½

dsanzh; raf=dk ra= ij fØ;k djus okyh vkS"kf/k;kas dk oxhZdj.kA lk/kkj.k laosnukgkjh vkS"kf/k;ksa dk bfrgkl] dk;ZÁ.kkyh vkSj voLFkk,aA vfHk'olu] var%f'kjk vkSj fo;kstd laosnukgkjhA fuækdj ¼fgIuksfVDl½ vkSj mi'kked vkS"kf/k;ka( lkbdksVªksfid ¼u'khyh½ vkS"kf/k;ka] vk{ksijks/kh] vksikWbM ihM+kgj] ukWu&fLVjkW;My 'kksFkjks/kh vkS"kf/k;ka] lathod vkSj vU; dsanzh; raf=dk ra= ¼lh,u,l½ mRÁsjdA lsesfVd raf=dk ra= ij fØ;k djus okyh vkS"kf/k;ka% LFkkuh; laosnukgkjh vkSj is'kh f'kfFkydkjh vkSj lq[ke`R;q nkrk vkS"kf/k;kaA

;wfuV&4 ¼'kjhj dh fofHkUu Á.kkfy;ksa ij fØ;k djus okyh vkS"kf/k;ka½

ikpu ra= ij fØ;k djus okyh vkS"kf/k;ka% {kq/kko?kZd] vEy&uk'kd vkSj vYlj&jks/kh] çksdkbusfVDl] okrgj] ,aVhtkbeksfVDl] besfVDl] ,aVhbesfVDl] fojspd] vfrlkj&jks/kh] gStkjks/kh vkSj fiÙko?kZdA tqxkyh djus okys i'kqvksa dk vkS"k/kfoKkuA

ânokfgadk ra= ij fØ;k djus okyh vkS"kf/k;ka% g`n;&VkWfud vkSj gn; mRÁsjd] xSj&y;jks/kh Lianujks/kh vkS"kf/k;ka] oSlksMk;ysVj] vkSj vfrfjä nkcjks?kh dkjd] jäo?kZd vkS"kf/k;ka] Ldand vkSj Ldanujks/khA

'olu ra= ij fØ;k djus okyh vkS"kf/k;ka% dQksRlkjd vkSj dkljks/kh] 'okl mRÁsjd] 'oluh&foLrkjd ¼czkWadksMk;ysVlZ½ vkSj 'ys"ekjks/khA

tuuew= ra= ij fØ;k djus okyh vkS"kf/k;k¡% ew=y] ew= ih,p ij fØ;k djus okyh vkS"kf/k;ka] vkSj vkS"kf/k;ksa dk ufydk ifjogu] ,DcksfyDl vkSj VksdksfyfVDlA

nzo fpfdRlk dk vkS"kf/kfoKkuh vk/kkjA gkWeksZuksa dh vkS"kf/k foKku laca/kh fpfdRlkA Ropk vkSj 'ys"ek f>fYy;ksa ij fØ;k djus okyh vkS"kf/k;ka% e`nqdkjh] 'kked vkSj çfr{kksHkdA

;wfuV&5 ¼i'kq jlk;u fpfdRlk½

jlk;u fpfdRlk dk ifjp; vkSj ,sfrgkfld fodklA çfrthok.kqdkjd ,tsaV% oxhZdj.k] çfrthok.kq jlk;u&fpfdRlk ds lk/kkj.k fl)kUr] çfrthok.kq çfrjks/k] la;qDr çfrthok.kq fpfdRlkA lYQksuekbM~l vkSj mudk Mk;,feuksikbfjfeMhUl ds lkFk feJ.kA isfUlfyu] flQsyksIlhfju] lhQkekblhu vkSj vU; chVk ySDVke] chVk ySDVkest+ fujks/kdA ,feuksXykbdkslkbM

,feukslkbfDyd vkSj ,feuklkfDyVksYl] VsVªklkbfDyu] ,fEQfudksy ¼DyksjseQsuhdksy] Fkk;eQsfudksy] ¶yksjQsfudksy½]



eSØksykbM] fDouksyksu vkSj ¶yksjksfDouksyksu] ikWyhisIVkbM ¼ikWyhfefDlu] cslhVªsflu½ vkSj XykbdksisIVkbM Áfrthok.kqA fofo/k ,tsaV% fyadkslsekbM] uksoksck;ksflu] ojftfuf;kekbflu] Vk;keqfyu] ukbVªks¶;wjku] feFksusekbuA vcqZnjks/kh vkS"kf/k;ka% dodjks/kh ,tsaV% VkWfidy vkSj nSfgd dkjd] ftuesa dodjks/kh çfrtSfod 'kkfey gSaA fo"kk.kqjks/kh vkSj dSaljjks/kh ,tsaVA Ñfeuk'kd% fuesVksMksa] flLVksMksa vkSj fVªesVksMksa ds Áfr Á;ksx dh tkus okyh vkS"kf/k;kaA ÁksVkst+ksvk jks/kh ,tsaV% fVªisukslkseksfll] fFkysfj;ksfll] ckcsfl;ksfll] dkWDlhfM;ksfll] vehfc;ksfll] fx;kfMZvksfll vkSj fVªdkseksfu,fll esa ç;ksx dh tkus okyh vkS"kf/k;kaA cfg:ih ijthohuk'kdA iwfrjks/kh vkSj laØe.k&jks/khA i'kqvksa esa vkS"kf/k;ksa dk nq#i;ksxA

ns'kh fpfdRlk ikS/kksa dk vkS"kf/k foKku% vnjd] vksflue] uhe] ikbij ykSaxe] foFksfu;k] ySIVkMsfu;k] VhuksLiksjk] ,Echfydk] ;wdSfyIVl] XykbfljkbtkU] VªkbdksLiuZe] djD;qek] ,/kkuVksMk] C;wfV;k] ,yks] fluk] j~;wckcZ] dVspw bR;kfnA

;wfuV&6 ¼i'kq fo"k foKku½

lk/kkj.k fo"k foKku% fo"k foKku dh ifjHkk"kk] bfrgkl] ewy fl)kUr vkSj foLrkjA fo"k ds lzksr vkSj oxhZdj.k] fo"kkärk dks ifjofrZr djus okys dkjd] fo"kkärk ds funku vkSj mipkj ds lkekU; rjhdsA

/kkrqvksa vkSj v&/kkrqvksa }kjk gksus okyh fo"kkärk% vklsZfud] lhlk] edZjh] dkWij] ekWyhCMue] flysfu;e] QkWLQksjl] ¶yksjkbM] ukbVªsV ;k ukbVªkbV] DyksjsV vkSj lkekU; yo.kA

fo"kkDr ikS/ks% lkbukstsusfVd ikS/ks] ,cjl] biksfe;k] /krwjk] uDl oksfedk] vjaMh] vkWDt+ysV mRikfnr djus okys ikS?ks] Fkk;feu dh deh mRiUu djus okys ikS/ks] Ádk'k laosnhsj.k djus okys ikS/ks] ySfFkfjT+e mRiUu djus okys ikS/ks] vksfy,aMj vkSj diklA

—f"k&jlk;uksa }kjk mRiUu gksus okyh fo"kkärk% Dyksjhuh—r gkbMªksdkcZu] vkxsZuksQkLQsV] dkckZesV] ik;jsFkzkWbM] u, dhV uk'kdA r`.kuk'kd] doduk'kh] vkSj —Urduk'kd ¼pwgk bR;kfn½A

dod ,oa thok.kquk'kh% ,¶ysVkWfDlu] #czkVkWfDlu] vksdjkVkWfDlu] LiksjhMsfLeu] flfVªfuu] ,Q&2 VkWfDlu] VªkbdksFkhlhUl] vxksZV] cksVqfyue fo"k] vkSj fVVsul fo"kA

fo"kSys na'k vkSj Mad% liZna'k] fcPNq] edM+h] e/kqeD[kh vkSj rrS;k] VksM vkSj eNyh ¼iQj fQ'k] 'kSyfQ'k½A [kk| ;kstdksa vkSj ifjj{kdksa }kjk gksus okyh fo"kkDrrkA vkS"kf/k;ksa vkSj dhVukf'k;ksa ds vof'k"V ls gksus okyh fo"kkDrrkA

i;kZoj.k fo"kkDrrk% ok;q ,oa ty Ánw"kdA jsfM;ks/kfeZrk ls gksus okys [krjsA

ÁSfDVdy

;wfuV&1 ¼lkekU; vkS"k/k foKku½

Á;skx'kkyk ik=ksa dks laHkkyuk vkSj /kksukA Á;ksx'kkyk esa Á;ksx gksus okys lkekU; midj.kksa dks laHkkyuk vkSj Á;ksx djukA mÙke Á;skx'kkyk i)fr;ksa ¼th,yih½ dk fl)karA QkesZlh esa Á;ksx gksus okys midj.kA fefJr djus vkSj nok cukus ds fl)karA ekifo|k] rkSy ,oa Hkkj dh Á.kkyh] QkesZlh lax.kukA Hks"kth; çfØ;k,aA vkS"kf/k;ksa dh [kqjkd ds QkeZA uqL[kk fy[kuk] vlaxfr;kaA vkS"kf/k ekud vkSj fofu;eu] fo"kksa dk vfHkj{k.kA pw.kksaZ dk feJ.k vkSj ;kstu] eygeksa ds feJ.k] ysi] yks'ku] ?kksy] fVaDpj] beY'ku vkSj voysgA

;wfuV&2 ¼vkWVksuksfed raf=dk Á.kkyh ij fØ;k djus okyh vkS"kf/k;ka½

Á;ksx'kkyk i'kqvksa ds iw.kZ ;k i`Fkd fojpuksa ij Lok;Ùk ,xksfuLV ;k ,.VkxksfuLV dh fØ;k dk Án'kZuA thfor i'kqvksa ds Á;ksx ds LFkku ij udyh i'kqvksa ij Á;ksx djus dks ojh;rk nh tk,xhA udyh i'kqvksa ij Á;skx ds fy, Á;ksx'kkyk dk ,d o"kZ ds Hkhrj fuekZ.k djuk gksxkA

;wfuV&3 ¼dsanzh; raf=dk ra= ij fØ;k djus okyh vkS"kf/k;ka½

ç;ksx'kkyk i'kqvksa dks laHkkyukA ç;ksx'kkyk i'kqvksa ds Á;ksx ds fy, fofu;edkjh fn'kkfunsZ'kA ç;ksx'kkyk i'kqvksa ij lh,u,l míhid vkS"kf/k;ksa] vkSj LFkkuh; laosnukgkfj;ksa ds ÁHkko dk Án'kZuA udyh i'kqvksa ij Á;skx ds fy, Á;ksx'kkyk dk ,d o"kZ ds Hkhrj fuekZ.k djuk gksxkA

;wfuV&4 ¼i'kq jlk;u fpfdRlk½

fofHkUu jlk;u&fpfdRlkdkjdksa vkSj mudh fofHkUu [kqjkdksa ds Á;ksx dk Án'kZuA ÁfrtSfod laosnu'khyrk ijh{kk dk Án'kZu vkSj bldh O;k[;kA

;wfuV&5 ¼i'kq fo"k foKku½

fo"kkDrrk ds fo'ys"k.k ds fy, lkexzh dk laxzg.k] ifjj{k.k vkSj Ás"k.kA fo"kkDrrk fo'ys"k.k ds lkekU; fl)karA Hkkjh /kkrq ;k v/kkrqvksa vFkok ikni fo"kksa dk irk yxkukA Ñf"k&jlk;u fo"kkDrrk vkSj vuqdj.k fof/k ds ek/;e ls bldh fo"kgj fpfdRlk dk Án'kZuA LFkkuh; {ks= dh fo"kkyq [kjirokj vkSj ikS/kksa dk Án'kZuA e/;e ?kkrd ¼yMh50½ ;k vf/kdre lg~; [kqjkd ¼eVhMh½ ds ifjdyu dh fof/kA



| isij ;wfuV | okf"kZd ijh{kk vf/kdre vad | Hkkfjrk |
|---|---|---|
| F;ksjh | | |
| isij&1 1]2]3 ,oa 4 | 100 | 20 |
| isij&2 5 ,oa 6 | 100 | 20 |
| ÁSfDVdy | | |
| isij&1 1]2]3 ,oa 4 | 60 | 20 |
| isij&2 5 ,oa 6 | 60 | 20 |

¼**ix**½ i'kq LokLF; j{kk ,oa egkekjh foKku

i'kq LokLF; j{kk ,oa egkekjh foKku F;ksjh

ØsfMV ?kaVs% 3$1¾4

;wfuV%1 ¼i'kq yksd LokLF; ,oa [kk| lqj{kk½

i'kq LokLF; j{kk dk mn~ns'; vkSj foLrkjA LokLF; j{kk esa i'kq fpfdRld dh HkwfedkA ^ou gSYFk* fl)kar vkSj dk;ZØeA i'kq LokLF; j{kk Á'kkluA Ánw"k.k ds lzksrA vkgkj LoPNrk ,oa lqj{kk dk fl)karA yksd LokLF; ds lEcU/k esa LoPN nw/kA LoPNrk vkSj lqjf{kr nqX/k mRiknu ds rjhds] ftuesa Ánw"k.k ls cpko vkSj fu;a=.k] vifeJd] lw{ethojksf/k;ksa ds vif'k"Vksa] Ñf"k&jlk;uksa] mi&fDyfud ekLVhfVlksjMj laØe.k bR;kfn ls cpko vkSj fu;a=.k ds fy, dne mBkus 'kkfey gSaA nw/k vkSj nqX/k mRiknksa dh lw{ethoh; ouLifrtU;rkA nqX/k la;a= vkSj Ms;jh midj.kksa dh LoPNrkA nw/k vkSj nqX/k mRiknksa dk xq.koÙkk&fu;a=.kA Hkkjr vkSj vU; ns'kks esa nqX/k LoPNrk ç.kkyhA

ekal dk fujh{k.k vkSj ekal dh LoPNrk dh Á.kkyhA [kk| i'kqvksa ds ifjogu ls lacaf/kr foÑfr foKkuh voLFkk,aA cwpM+[kkuksa vkSj ekal la;a=ksa esa LoPNrkA iksLV ekWVZe ls igys vkSj iksLV ekWVZe tkap ds nkSjku cwpM+[kkuksa dh voLFkk vkSj jksxksa rFkk fu.kZ; dk irk yxkukA yfldk xzafFk;ksa dh tkapA ekal dk jksx lapj.k ds lzksr ds :i esa v/;;uA ekal ds

Ánw"k.k ds lzksr vkSj fiatj dks Ánw"k.keqDr djus ds rjhdsA ekal dh uLyksa dk fu/kkZj.k ¼Lihfl,'ku½A i'kq dY;k.k vkSj LokLF; j{kk ds mik;A cwpM+[kkus esa mRikfnr gksus okyh vYi&tksf[keiw.kZ vkSj mPp tksf[keiw.kZ lkefxz;ksa dk oxhZdj.kA ekuo miHkksx ds fy, iksYVªh dk fujh{k.kA cwpM+[kkus vkSj ekal la;a=ksa esa dke djus okyksa dks LokLF; dk ladVA

vkgkj tfur laØe.k vkSj i'kq ewy ds [kk| inkFkksZa ls lacaf/kr ekndrkA [kk| inkFkksZa esa fo"kkDr vif'k"V ¼dhVuk'kd] Áfrthoh] /kkrq ,oa gkWeksZu½ rFkk buls lac) LokLF; ladVA tSfod ladVksa ds ÁdkjA ladV fo'ys"k.k vkSj tksf[keiw.kZ fu;a=.k ikWbaV ¼p,lhlhih½ Á.kkyhA ekal m|ksx esa vkbZ,lvks 9000 dk egÙo vkSj 14000 _a[kykA tksf[ke fo'ys"k.k] ewY;akdu vkSj Áca/kuA varjkZ"Vªh; [kk| lqj{kk ekunaM% fo'o i'kq LokLF; laxBu ¼vksvkbZbZ½] fo'o O;kikj laxBu ¼MCY;wVhvks½ le>kSrk vkSj dksMsDl ,fyesaVsfj;l deh'kuA i'kq ewy ds [kk| inkFkksZa ds laca/k esa LoPNrk vkSj Ádk'k&LoPNrk ds mik;A [kk| lqj{kk ,oa ekud vf/kfu;e ,oa fofu;eA Hkkjrh; [kk| lqj{kk ,oa ekunaM Ákf/kdj.k ¼Q,l,l,vkbZ½] Hkkjrh; ekud C;wjks ¼ch,lvkbZ½ rFkk vU; jk"Vªh; ,tsafl;ksa dh HkwfedkA

;wfuV&2 ¼i'kq tkuifnd jksx foKku½

tkuifnd jksx foKku dh ifjHkk"kk] ?kVd vkSj mís';A i'kq jksxksa dh ?kVukvksa vkSj mRiknu dks çHkkfor djus okys dkjdA jksxksa ds fu/kkZjdA laØe.k dk Álkj vkSj jksxh dh ns[kHkkyA jksx dk ikfjfLFkfrdh; vk/kkjA jksx dh ?kVukvksa dk ifjek.k vkSj i)frA i'kq jksxksa dk losZ{k.k vkSj fuxjkuh vkSj blls lacaf/kr iSjkehVjA tkuifnd jksx laca/kh fof/k;ka& o.kZukRed] fo'ys"k.kkRed] Ák;ksfxd] lS)kafrd] lhje foKkuh vkSj ijek.kfodA i'kq jksxksa dk iwokZuqekuA jksxksa ds Áca/ku ds rjhds% cpko] fu;a=.k vkSj tSolqj{kkA i'kq jksxks dk vFkZra=A i'kq&jksxksa ds ckjs esa jk"Vªh; vkSj vUrjkZ"Vªh; fofu;eA i'kqvksa vkSj i'kq mRiknksa ds varjkZ"Vªh; dkjksckj ij dkuwu vkSj fo'o i'kq LokLF; laxBu ¼vksvkbZbZ½ HkwfedkA

;wfuV&3 ¼i'kqtU; jksx½

i'kqtU; jksxksa dh ifjHkk"kk] bfrgkl vkSj lkekftd&vkfFkZda ÁHkkoA i'kqtU; jksxksa dk oxhZdj.k vkSj muds çca/ku dh i)fr;kaA i'kqtU; jksxksa ls cpko vkSj fu;a=.k dh cgq{ks=h; i)fr;kaA uohu] u, mHkj jgs] vkSj O;kolkf;d i'kqtU; jksxA i'kqtU; jksxksa ds lapkj.k esa ?kjsyw] oU;] ikyrw vkSj ç;ksx'kkyk i'kqvksa dh HkwfedkA tSo&vkradokn ds ,tsaVksa ds :i esa i'kqtU; jksxksa ds jksxk.kqA fuEufyf[kr i'kqtU; jksxksa dk egekkjh foKku] fDyfudy vkfoZHkko] vkSj çca/ku% jscht] tkikuh efLr"d'kksFk] bU¶yq,at+k] d;kluwj oU; jksx] fØfe;u dk¡xksa jDrlzkoh Toj] fuikg efLr"d'kksFk] bcksyk fo"kk.kq laØe.k] ,aFkzSDl] czwlsyksfll] {k;jksx] ySIVksLikbjksfll] fyLVsfj;ksfll] Iysx] XySaMlZ] D;w Qhoj] fjdsVfl;ksfll] DySfefM;ksfll] Vhfu,fll] flLVhljdksfll] gk;MsfV;ksfll] ykjok ekbxzsu] Mk;QkbykscksFkfj,fll] Vªkbfdusyksfll] VkWDlksIykT+eksfll] QSflvksyksfll] ijkxksfufe,fll] lkjdksflLVksfll] fØIVksLiksjhfM;ksfll] vehfc,fll] ft;kfMZ,fll] yh'kesuh,fll] lrgh vkSj nSfgd ekbdksfll] ,oa Ák;ksu



jksxA vkgkj tU; thok.kq i'kqtU; jksx& lsYeksusyksfll] bZ dksykbZ laØe.k] LVsQkbyksdkWdy tBjka='kksFk] DykWfLVªfM;y [kk| fo"kkDrrk] dSfEiykscSDVhfj;ksfll] bR;kfnA

;wfuV&4 ¼i;kZoj.k vkjksX; 'kkL=½

foLrkj vkSj egÙoA ikfjfLFkfrdh ra=% ?kVdksa dh lajpuk vkSj dk;ZA tSo fofo/krk% mi;ksx] [krjs vkSj ifjj{k.kA çk—frd lalk/ku% Ádkj] mi;ksx vkSj nq#i;ksxA [kk| _a[kyk esa i;kZoj.kh; çnw"k.k% tSo⪅u] tSo&vko/kZu] rFkk LFkkbZ dkcZfud Ánw"kdA i;kZoj.k çnw"k.k% lzksr] Ánw"kdksa dk Ádkj] i'kqvksa vkSj euq";ksa ds LokLF; ij ÁHkkoA xzkeh.k ,oa 'kgjh Ánw"kdA ok;q Ánw"k.k% lzksr ,oa [krjsA i'kq x`gksa esa ok;q Ánw"k.k] LokLF; ,oa Átuu ij ÁHkkoA ok;q&tfur jksx% oxhZdj.k] LokLF; laca/kh [krjs] cpko ,oa fu;a=.kA ty&lzksr] çnw"k.k ,oa cpkoA ty dh xq.koÙkk& HkkSfrd] jklk;fud] thokf.od vkSj jsfM;ks/kehZA

lkeqnkf;d ty vkiwfrZ ds fy, ty fo'kq)hdj.k dh fof/k;kaA ty&tfur jksx& oxhZdj.k] LokLF; dks [krjs] cpko ,oa fu;a=.kA e`nk] leqnzh ,oa rkih; Ánw"k.k& oxhZdj.k] lzksr] [krjs] cpko vkSj fu;a=.kA /ofu Ánw"k.k& lzksr] [krjs] cpko vkSj fu;a=.kA U;wfDy;j [krjs vkSj jsfM;k/kehZ [krjs& [krjs ,oa jsfM;k/kfeZrk ls cpkoA Ik;kZoj.k Ánw"k.k ls lacaf/kr jk"Vªh; fu;e ,oa dkuwu rFkk Hkkjr esa Ánw"k.k fu;a=.k vk;skx dh HkwfedkA tSolqj{kk& egÙo] oxhZdj.k ,oa [krjksa ds tksf[ke ls cpus ds fy, tSo&lqj{kk mik;A vkink Áca/ku ,oa cpkoA [ksrksa esa Bksl vkSj nzo vif'k"Vksa dk Áaca/ku vkSj tSo&fpfdRlk vif'k"V dk Áca/kuA i'kq fpfdRlk lsok esa Ánw"k.k fu;a=.k ds fy, [ksrksa rFkk vLirkyksa ds okrkoj.k esa LoPNrk ,oa folaØe.khdj.kA Xykscy okfeZax vkSj xzhu gkml xSlksa dk ÁHkko& ifjHkk"kk] xzhu gkml xSlsa] tyok;q ifjorZu ds ÁHkko rFkk varjkZ"Vªh; laf/k;ka ,oa ÁksVksdksyA i'kq m|ksxkas esa vif'k"V Áca/ku& vkokjk vkSj iFkHkz"V i'kqvksa dk Áca/ku vkSj dadkyksa dk fuiVkuA laØkedksa vkSj tyk'k;ksa dk fu;a=.kA

ÁSfDVdy

;wfuV%1 ¼i'kq yksd LokLF; ,oa [kk| lqj{kk½

jklk;fud vkSj tkSokf.od ijh{kk ds fy, uewuksa dk laxzg.kA jatd vip;u ijh{k.k }kjk nw/k dk Js.khdj.k] ÁR;{k lw{en'khZ ijh{kk vkSj LVSaMMZ IysV x.kukA lalkf/kr nw/k vkSj nqX?k mRiknksa dh xq.koÙkk vk'oklu tkapA la;= dh LoPNrk ijh{kk& ok;q] ty ,oa midj.kA dPps nw/k] ikLrqjh—Ùk nw/k] nqX/k&mRiknksa] ekal vkSj ekal mRiknksa dh lw{en'khZ; tkap] vaMk&ekud IysV la[;k] dksyhQkeZ dh la[;k] ,aVsjksdkWdy x.kuk] lkbØksfQfyd vkSj lkbØksVkWfQd thoksa] FkeksZfQfyd thok.kqvksa vkSj ;hLV rFkk dod dh x.kukA ÁkS|ksfxdh }kjk [kk| mRiknksa esa lkoZtfud LokLF; ds fy, egÙoiw.kZ thoksa dk irk yxkukA ekfLVfVd nw/k dh tkap ds fy, ijh{k.kA [kk| i'kqvksa dh iksLVekWVZe ls igys vkSj ckn esa tkapA yksd LokLF; egÙo ds nw/k vkSj ekal esa fo"kkDr jlk;uksa vkSj Ánw"kdksa dh tkap@Án'kZuA nw/k vkSj ekal esa lw{ethoh; vkSj fo'ys"k.kkRed rduhdksa ds Á;skx ls izfrthokf.od vo'ks"kksa dk irk yxkukA ekal dh uLyksa dk Án'kZuA

;wfuV&2 ¼i'kq tkuifnd jksx foKku½

tkuikfnd v/;;uksa ds fy, uewus ,d= djus dh fof/kA jksx vko`fÙk;ksa dk ekiuA jksx ds ckjs esa lwpuk ;k MkVk dk lzksr] HkaMkj.k] iqu%ÁkfIr vkSj Án'kZuA pqus gq, lk¶Vos;j Áksxzke ;k ekWMyksa dk Án'kZuA tkuifnd jksx foKku fof/k;ksa }kjk funku ijh{k.kksa dh laosnu'khyrk vkSj fof'k"Vrk dk ewY;akduA jksxksa vkSj ifjdfYir dkj.kkRed dkjdksa ds chp laca/kksa dk fu/kkZj.kA QkeZ esa i'kq jksxksa dk losZ{k.kA jksxksa ds Ádksi gksus ij tkuifnd tkapA

;wfuV&3 ¼i'kqtU; jksx foKku½

i'kq lzksr ds vkgkjksa ds lkFk&lkFk euq";ksa vkSj i;kZoj.k lzksrksa esa i'kqtU; egÙo ds egÙoiw.kZ jksxtudksa dk irk yxkuk] i`Fkd djuk vkSj igpku djukA lhje] ijekf.od vkSj vfrlaosnu'khyrk ijh{k.kksa }kjk i'kqtU; jksxksa dh igpkuA fdlh {ks= esa ekStwn I'kq jksxksa vkSj ekuo jksxksa ds chp lEHkkfor laca/kksa dk v/;;u djukA xzkeh.k okrkoj.k vkSj xzkeh.k leqnk; dh LokLF; voLFkkvksa dk v/;;uA

;wfuV&4 ¼i;kZoj.k vkjksX; 'kkL=½

ok;q] ty] e`nk vkSj vU; i;kZoj.k lzksrksa ds uewuksa dk ladyuA ty dh HkkSfrd] jklk;fud vkSj lw{ethok.kqfod ijh{kkA vif'k"V Dyksjhu vkSj Dyksjhu ekax dk vkdyuA ok;q] ty vkSj vU; i;kZoj.k lzksrksa esa jksxk.kqvksa dk i`FkDdj.k vkSj igpkuA folaØkedksa dh çHkkodkfjrk & fQuksy xq.kkad] ,evkbZlh vkSj ,echlhA ty 'kqf)dj.k Á.kkyh dk Án'kZu ;k mls ns[kus tkukA i'kq x`gksa vkSj fof'k"V Á;ksx'kkykvksa esa fofHkUu Ádkj dh okrk;u Á.kkyh dk Án'kZuA ty vkSj vU; i;kZoj.k lzksrksa esa fo"kkDr vif'k"Vksa dk Án'kZuA LFkkuh; Ánwf"kr LFky dk nkSjk djuk& tSls dwM+k?kj] LFkkuh; >qXxh&cLrh {ks=] HkhM+HkkM+ okys bykds] vkSj i;kZoj.k laca/kh LFkkuh; leL;kvksa dks ntZ djukA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| F;ksjh | | | |
| isij&1 | 1 ,oa 2 | 100 | 20 |
| isij&2 | 3 ,oa 4 | 100 | 20 |



ÁSfDVdy

| | | |
|---|---|---|
| isij&1 1 ,oa 2 | 60 | 20 |
| isij&2 3 ,oa 4 | 60 | 20 |

¼**x**½ i'kq ijthoh foKku

i'kq ijthoh foKku ØsfMV ?kaVs% 3$2

F;ksjh

;wfuV&1 ¼lkekU; i'kq fpfdRlk ijthoh foKku½

ijthoh foKku% ifjp;] egÙoiw.kZ ,sfrgkfld ?kVuk,aA i'kq fpfdRlk ikB~;Øe esa ijthoh foKku dk egÙoA ijthfo;ksa vkSj ijthfork ds çdkj ¼,DVks] ,aMks] gkbij] vifjgk;Z] bPNk/khu] LVsuksfDlul] ;wjhfDlul] eksuksfDlul] gsVjksfDlul] fgLVkst+ksbd] lhykst+ksbd] vLFkkbZ] LFkkbZ] Ñf=e] foiFkxkeh] Áklafxd] voljoknh] i'kqtU;] ÁksVsfy;u] bR;kfn½A iks"kdksa ds izdkj ¼Li"V] e/;orhZ] dks'k] iSjkVsfud] ÁkÑfrd] vÁkÑfrd] bR;kfn½ vkSj ijthohA i'kqvksa ds lkFk laca/kksa dk Ádkj ¼lgthfork] lgHkksftrk] lgthou] ijLij vkfJrk] IkjHkf{krk½A ijthfo;ksa ds lapkj.k ds ek/;e vkSj ijthfo;ksa dh laØked voLFkkvksa ds Álkj ds rjhdsA thofoKkuh ukekoyh dk varjkZ"Vªh; dksM% fu;e vkSj fofu;e] i'kq ijthoh jksxks dh ekud ukekoyh ¼,l,uvks,ih,Mh½A ijthoh laØe.k] i;kZØe.k ds Áfr Áfrj{kk] ÁkÑfrd ,oa mikftZr Áfrj{kk] fÁE;qfuVh] vuqoZj Áfrj{kk] Lo&Áfrj{kk] fuf"Ø; Áfrj{kk] lgxkeh Áfrj{kk vkSj ijthfo;ksa }kjk Áfrj{kk ls cpkoA ijthfo;ksa ds gkfudkjd ÁHkko] ftuesa ijthfo;ksa }kjk gksus okyh Ård çfrfØ;k,a 'kkfey gSaA ijthfo;ksa ds fo#) lkekU; fu;a=d mik;A ijthfo;ksa dh fofHkUu tkfr;ksa dh fo'ks"krk,aA

;wfuV&2 ¼i'kq fpfdRlk egÙo ds fVªesVksM vkSj flLVksM ¿QhrkÑfeÀ½

fVªesVksM% fVªesVksM dk ifjp;] lkekU; fooj.k ,oa oxhZdj.k] lkekU; thoupØ vkSj fodkl voLFkkvksa ds lkFk mudh vkÑfrd fo'ks"krk,aA fuEufyf[kr fVªesVksM ijthfo;ksa dh egÙoiw.kZ vkÑfrd fo'ks"krk,a] thoupØ] lapkj.k dk rjhdk] foÑfrfoKku] egkekjh foKku] funku vkSj fu;a=.k ds lkekU; mik; ¼ftlesa dheks vkSj bE;quks ÁksfQySfDll 'kkfey gSa½% ;Ñr ¶ywd ¼Qsfl;ksyk] fMØkslhye vkSj vksfilFkkWjfpl½] vkaf=d ¶ywd ¼Qsfl;ksyksfIll½A ukfldk f'kLVkslksesfll mRiUu djus okys jä ¶ywd ¼f'kLVkslksek ust+sfyl½] vkaf=d f'kLVkslksesfll ¼,l- fLiaMsy] ,l- bafMde] ,l- budkWfXuVe½] vkSj ldZsfj;y MekZVkbfVlA iSjkefQLVksEl ¼iSjkefQLVksee] dkWVhyksQksjksu] dSfydksQksjksu] ftxSUVksdksVkby] xSLVªksFkkbySDl] fQ'kks,Msfj;l] dkfeZ,fj;l] xSLVªksfMLdl] xSLVªksfMLdkW;Mht+] ,oa L;wMksfMLdl½A iSjkxksfuel] ÁksLFkksxksfuel ,oa ,fduksLVksElA

flLVksM% flLVksM dk ifjp;] lkekU; fooj.k vkSj oxhZdj.k] rFkk mudh fodklkRed voLFkkvksa ds vkÑfro.kZd fo'ks"kRkkvksa ds lkFk mudk lkekU; thoupØ ¼esVkflLVksM½A fuEufyf[kr flLVksM ijthfo;ksa dh egÙoiw.kZ vkÑfrewyd fof'k"Vrkvksa] thou pØ] lapkj.k dk ek/;e] jksxtuu] funku vkSj Áca/ku% v'oh; Qhrk —fe ¼,uksIyksflQkyk] iSjkuksIyksflQkyk½ rFkk tqxkyh djus okys i'kqvksa ds Qhrk—fe ¼ekfu,ft+;k] ,foVsfyuk] LVsysf'k;k] Fkk;lkfu,ft+;k½A dqÙks ds Qhrk —fe ¼fMfifyfM;e] Vhfu;k] ,fduksdkWdl½A dqDdqVkfn Qhrk—fe ¼Mkosfu;k dksVqfXu;k] jsfy,fVuk] vehcksVhfu;k] dks,uksVhfu;k rFkk gkbesuksysfil½A czkWM fQ'k Qhrk&—fe ¼MkbfQyksckksfFkz;e½ vkSj LikbjksehVªkA

;wfuV&3 ¼i'kq fpfdRlk egÙo ds fuesVksM½

fuesVksM% fuesVksM dk ifjp;] lkekU; fooj.k ,oa oxhZdj.k] lkekU; thoupØ vkSj mudh fodkl voLFkkvksa ds lkFk vkÑfrd fo'ks"krk,aA fuEufyf[kr fuesVksM ijthfo;ksa dh egÙoiw.kZ vkÑfrd fo'ks"krk,a] thoupØ] lapkj.k dk rjhdk] jksxtuu] egkekjh foKku] funku vkSj fu;a=.k ds lkekU; mik;% ,Ldsfjl] iSjkLdsfjl] VkWDlksdsjk] VkWDlkLdsfjl] ,LdsfjfM;k] fgVsjkfdl vkSj vkDl;wfjlA

LVªkWfxaykWbMht+] LVªkWfxayl] pcsfVZ;k] flxsel vkSj bZlksQsxksLVksee½A xqnkZ —fe ¼LVsQkuqjl ,oa

Mk;DVkQhek½] vadq'k —fe ¼,UlkbyksLVksek ,oa C;wuksLVksee½A VªkbdksLVªk¡fxyl] vkWLVjVsft;k] dwisfj;k] usekVksfMjl] ghek¡dl ,oa esfdLVksfljlA gsczksuhek] Mªsf'k;k] Fksykft+;k] LikbjksllkZ] xkSafxyksuhek] QkblsyksIVsjk ,oa XuSFkksLVksekA MkbjksfQysfj;k] iSjkfQysfj;k] vLdksldkZ] flVsfj;k] LVsQuksfQysfj;k½A QsQMksa ds —fe ¼fMfDV;ksdkWyl] E;wysfj;l] çksVksLVªk¡fxyl vkSj esVkLVªk¡fxyl½A fxuh—fe ¼MªSdudqyl½] fVªfdusyk] fVªdqfjl] dSfiysfj;k] vdSaFkksflQkyk ¼eSØkdSaFkksfjadl½A Ñfe;ksa dk fu;a=.k vkSj buds Ádkj dk v/;;uA

;wfuV&4 ¼i'kq fpfdRlk egÙo ds ,aFkzksikWM½

,aFkzksikWM% ifjp;] lkekU; o.kZu vkSj oxhZdj.k] ,aFkzksikWMksa dk lkekU; thou pØ vkSj mudh fodklkRed voLFkkvksa dh vkÑfrewyd fof'k"Vrk,aA i'kqvksa vkSj if{k;ksa dks ÁHkkfor djus okys fuEufyf[kr ,aFkzksikWMksa dh egÙoiw.kZ vkÑfrewyd fof'k"Vrk,] lkekU; i;kZoj.k] thou pØ] osDVj {kerk] jksxtuu vkSj fu;a=.k% [kVey ¼lkbesDl½] dkVus okts dhM+s ¼DlwyhdkWbMht+½] dkyh efD[k;ka ¼fleqfy;e½] lSaM ¶ykbZ ¼¶yscksVksel½] ePNj ¼D;wysDl] ,uks¶+yht+ ,oa ,Mht+½A gkWlZ ¶ykbZ ¼VScsul½]



ghesVksiksVk ,oa ØkbZlksIlA eLdk] LVkseksfDll] ghesVksfc;k] ,oa lkdksZQkxkA okcZy ¼gkbiksMekZ½] LVed ckWV~l ¼xSLVsjksfQyl] dkscksfYM;k½] ust+y ckWV~l ¼vksLVªl vksfol] flQsyksihuk½] ckWVy ¶ykbt+ ¼dSyhQksjk] Y;wflyk] fØlksE;k½] fe,fllA fgIIkscksLdk] esyksQsxl] L;wMksfyafd;kA twa ¼fgesVksfiul] fyuksxusFkl] fVªdksMsDVht+] Mekfyfu;k] feuksiksu] ykbI;wjl] feukdSaFkl] ,oa fgVjksMkWDll ½A fiLlw ¼VsukflQsyksMht+] ,fdM~uksQkxk] t+hukslkbyk] I;wysDl½A edM+h% lkekU; fooj.k] e`nq fiLlw ¼vjxkl] vkWuhZFksMksjksl ,oa vksVksfc;l½A dBksj fiLlw ¼gk;yksek] ghesfQlsfyl] fjihflQsyl] cwfQyl] MekZlsaVj] bDlksMl ,oa ,Ecy;ksek½A ?kqu ¼MesZfull] vkWfuZFkksfull] fMeksMsDl] uksVksMjsl] lkdksZIVht+] lksjksIVht+] dksfj;ksIVht+] usfeMksdksIVht+ ,oa vksVksMsDVht+½A isaVklksfeMk ¼fyaxqvkrqyk½A dhVuk'kh Áfrjks/kd {kerk dk v/;;uA

;wfuV&5 ¼i'kq fpfdRlk egÙo ds ÁksVkst+ksvk½

ÁksVkst+ksvk dk ifjp;] lkekU; fooj.k ,oa oxhZdj.k] lkekU; thou pØ vkSj mudh fodkl voLFkkvksa dh vkÑfrewyd fof'k"Vrk,aA cSDVhfj;k vkSj fjdsV~fl;k esa varjA i'kq fpfdRlk vkSj i'kq laØked jksxksa ds egÙo ds fuEufyf[kr ÁksVkst+ksvkA ijthfo;ksa dh egÙoiw.kZ vkÑfrewyd fo'ks"krk,a] thou pØ] lapkj.kj dk ek/;e] jksxtuu] egkekjh foKku] funku ,oa fu;a=.k ds mik; ¼ftueas dheks& vkSj bE;wuks&ÁksQkbysfDll 'kkfey gSa½% yh'kesfu;k ¼vka= vkSj Roph; yh'kesuksfll½] fVªisukslksek ¼Vh- bokalh] Vh- fFkysjh] Vh- bDohisjMe½A fVªdkseksukl ¼xkstkrh; ,oa i{kh fVªdkseksuksfll½] fgLVkseksukl ¼VdhZ dk CySd gSM½A ,aVehck] ft;kfMZ;k] ,oa oSysafVfM;e tkfr;kaA eqfxZ;ksa vkSj ?kjsyw i'kqvksa dk dkWDlhfM;k] dkWDlhfM;ksfllA flLV cukus okys dkWDlhfM;k ¼VkWDlksIykT+ek] lkdksZflfLVl ,oa fu;ksLiksjk dSfuue½ ,oa fØIVksLiksfjfM;eA i'kqvksa vkSj eqfxZ;ksa ds eysfj;k ijthoh ¼IykLeksfM;e] gheksIjksfV;l] ,oa Y;wdkslkbVkst+wu½A ikbjksIykT+e ¼ccsfl;k] Fkhysfj;k½ ,oa fgisVkst+wuA ,ukIykT+ek ,oa ,jfyfd;kA ÁfrÁksVkst+ksvk dk Áfrjks/kA

ÁSfDVdy

;wfuV&1 ¼lkekU; i'kq fpfdRlk ijthoh foKku½

vafre vkSj e/;orhZ iks"kdksa ds Ádkj dk Án'kZuA ,aMks& vkSj ,DVks&ijthfo;ksa ls ÁHkkfor ijiksf"k;ksa ds fofHkUu vaxksa vkSj Årdksa dk Án'kZuA ijthfo;ksa ls ÁHkkfor i'kqvksa ds fofHkUu vaxksa dks le>us ds fy, ih-,e- gkWy dk nkSjkA ,aMks& vkSj ,DVks&ijthfo;ksa }kjk gksus okys fof'k"V ijthoh ?kkoksa dk Án'kZuA ey ijh{kk dh rduhd& vaMksa dh fxurh] ey ds uewuksa esa fVªesVksM] flLVksM] fuesVksM ds vaMs vkSj ÁksVkst+ksvk flLVvksjksflLVlksjVªksQkst+ksbV~lA ey lao/kZu rduhd dk Án'kZuA fofHkUu Ádkj ds ijthfo;ksa ds uewuksa dk ladyu] fQDls'ku] ifjj{k.k] vfHkjatu] vkSj ekmafVaxA jDr&fLe;j rS;kj djuk% xhys] irys vkSj eksVs fLe;jA ekbØksfQysfj;k vkSj gheksÁksVkst+ksvk ijthfo;ksa ds Án'kZu ds fy, jDr fLe;j vfHkjatu rS;kj djukA ?kquksa dh tkap ds fy, Ropk dh [kqjpu dk ,d=.k vkSj ijh{k.kA ijthfo;ksa dk irk yxkus ds fy, ew= ds uewuksa vkSj ukfldk /kkou dh tkapA

;wfuV&2 ¼i'kq fpfdRlk egÙo ds fVªesVksM vkSj flLVksM ¿QhrkÑfeÀ½

fuEufyf[kr fVªesVksMksa vkSj flLVksMksa ds o;Ldksa dh vkÑfrd fo'ks"krkvksa vkSj fodkl voLFkkvksa dk v/;;uA Qsfl;ksyk] Qsfl;ksyksfIll] MØkslhfy;e] vksfiLVkWjfpl] f'kLVkslksek]iSjkxksfuel] ÁkWLFkksxksfuel] ,fduksLVksEl] iSjkefQLVksEl] ¼iSjkefQLVksee] dkWVhyksQksjksu] ftxSUVksdksVkby] xSLVªksFkkbySDl] fQ'kks,Msfj;l] xSLVªksfMLdl] xSLVªksfMLdkW;Mht+ ,oa L;wMksfMLdl½A ,uksIyksflQkyk] iSjkuksIyksflQkyk] eksfu,ft+;k] ,sfoVsfyuk] fLVysf'k;k] Mkosfu;k] dksVqfXu;k] jsfy,fVuk] vehcksVhfu;k] dks,uksVhfu;k] gkbesuksysfil] fMfifyfM;e] Vhfu;k] ,fduksdkWdl] MkbfQyksckfFkz;e ,oa LikbjksehVªkA ijthfo;ksa ds ldy vkSj lw{en'khZ ?kkoksa dk Án'kZuA

;wfuV&3 ¼i'kq fpfdRlk egÙo ds fuesVksM½

fuEufyf[kr fuesVksMksa ds o;Ldksa dh vkÑfrd fo'ks"krkvksa vkSj fodkl voLFkkvksa dk v/;;uA ,Ldsfjl] iSjkLdsfjl] VkWDlksdsjk] VkWDlkLdsfjl] ,LdsfjfM;k] fgVsjkfdl vkSj vkWDl;wfjl] LVªkWfxaykWbMht+] pcsfVZ;k] flaxsel vkSj bZlksQsxksLVkseeA LVsQkuqjl] Mk;DVksQhek] ,UdkbyksLVksek] C;wuksLVksee] vkWLVjVsft;k] VªkbdksLVªk¡fxyl] dwisfj;k] usekVksfMjl] ghek¡dl ,oa esfdLVksfljlA gsczksuhek] Mªsf'k;k] Fksykft+;k] Likbjksl lkZ] xkSafxyksuhek] QkblsyksIVsjk] XuSFkksLVksekA MkbjksfQysfj;k] iSjkfQysfj;k] vkW.dksldkZ] flVsfj;k] LVsQuksfQysfj;k] fMfDV;ksdkWyl] E;wysfj;l] çksVksLVªk¡fxyl] esVkLVªk¡fxyl] MªSdudqyl] fVªfdusyk] fVªdqfjl] dSfiysfj;k ,oa eSØkdSaFkksfjadlAijthfo;ksa ds ldy vkSj lw{en'khZ ?kkoksa dk Án'kZuA

;wfuV&4 ¼i'kq fpfdRlk egÙo ds ,aFkzksikWM½

fuEufyf[kr ,aFkzksikWMksa ds o;Ldksa dh vkÑfrd fo'ks"krkvksa vkSj fodkl voLFkkvksa dk v/;;uA D;wyhdkWbMht] fleqfy;e] ¶yscksVksel] flesDl] D;wysDl] ,uks¶+yht+ ,oa ,Mht+] ghesVksiksVk ,oa ØkbZlksIleLdk] LVkseksfDll] ghesVksfc;k] xSLVsjksfQyl] gkbiksMekZ] vksLVªl vksfol] ckWVy ¶ykbt+] lkdksZQkxk] fgIIkkscksLdk] esyksQsxl ,oa L;wMksfyafd;kA fVªdksMsDVht+] feuksiksu] feukdSaFkl] ykbI;wjl] fgesVksfiul] ykbuksXusFkl ,oa Mekyhfu;k t+hukslkbykA fVuksflQsfyMht+ ,oa ,fdM~uksQkxkA vjxkl] vkWuhZFkksMksjksl] vksVksfc;l] bDlksMsl] gk;kyksek] fjfiflQsyl ¼cwfQyl½] ghesflQsfyl] MekZlsaVj] ,oa ,Ecy;ksek½A MesZfull] vkWfuZFkksfull] fMeksMsDl] uksVksMjsl] lkdksZIVht+] lksjksIVht+] dksfj;ksIVht+] usfeMksdksIVht+ ,oa vksVksMsDVht+ ,oa isaVkLVksfeMkA ijthfo;ksa ds ldy vkSj lw{en'khZ ?kkoksa dk Án'kZuA



;wfuV&5 ¼i'kq fpfdRlk egÙo ds ÁksVkst+ksvk½

fuEufyf[ke ÁksVkst+ksvk ijthfo;ksa dh fofHkUu voLFkkvksa dh vkÑfrd fo'ks"krkvksa dk v/;;uA yh'kesfu;k] fVªisukslksek] fVªdkseksukl] fgLVkseksukl] ,aVvehck] cSysafVfM;e] ft;kfMZ;k] bZesfj;k] vkblksLiksjk] lkdksZflfLVl ,oa fØIVksLiksfjfM;eA gheksIjksfV;l ,oa Y;wdkslkbVkst+wuA ccsfl;k] Fkhysfj;k ,oa fgisVkst+wuA fjdsVfl;y tho/kkjh ,ukIykT+ek ,oa ,g~jyhfd;kA QkWeksZy bZFkj vkSj t+hy usYlu LVsfuax rduhd vkSj vU; ey ijh{kk rduhdksa dk Án'kZuA vka=h; ÁksVkst+ksvk laØe.k dk vk;ksMhu vkSj bvksflu LVsu fof/k }kjk funkuA ÁksVkst+ksvk ijthfo;ksa ds ldy vkSj lw{en'khZ ?kkoksa dk Án'kZuA jDr esa gheksÁksfV;l dksyEch dk Án'kZuA dkWDlhfM;u ijthfo;ksa ds funku ds fy, chtk.kq&mRiknu dk Án'kZuA

okf"kZd ijh{kk

| isij ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|
| F;ksjh | | |
| isij&1 1] 2 ,oa 3 | 100 | 20 |
| isij&2 4 ,oa 5 | 100 | 20 |
| ÁSfDVdy | | |
| isij&1 1] 2 ,oa 3 | 60 | 20 |
| isij&2 4 ,oa 5 | 60 | 20 |

¼**xi**½ i'kq mRiknu ÁkS|ksfxdh foHkkx

i'kq mRiknu ÁkS|ksfxdh ØsfMV ?kaVs% 2$1¾3

F;ksjh

;wfuV&1 ¼nw/k ,oa nqX/k mRiknu ÁkS|ksfxdh

Hkkjr esa nw/k m|ksx dk iqujkoyksdu vkSj iwokZuqekuA nw/k laLdj.k ;a= dk vfHkfoU;kl vkSj bldk çcU/kuA nw/k dk laxBu vkSj mldk iks"k.k ewY; rFkk nw/k dh lajpuk dkas çHkkfor djus okys dkjdA nq/k dh HkkSfrd&jklk;fud fo'ks"krk,aA nw/k vkSj nqX/k mRiknksa dk lw{ethokf'ed gzklA laxzg.k] 'khru] ekudhdj.k] ik'pjhdj.k] ;w,pVh mipkj] lekaxhdj.k] csDVks¶;wxs'kuA 'kq"d] futZyhÑr] vkSj fdf.or nw/kA fØ;kRed nqX/k mRiknksa dk ifjp;A Øhe] eD[ku] iuhj ;k Nsuk] ?kh] [kksvk] yLlh] ngh] vkblØhe] ekst+jsyk iuhj vkSj Ms;jh mi&mRikn rS;kj djukA nqX/k mRiknksa ds lkekU; nks"k vkSj muds mipkjkRed mik;A nw/k vkSj nqX/k mRiknksa dks iSdstcUn djuk] mudk ifjogu] HkaMkj.k vkSj forj.kA mÙke fuekZ.k i)fr;ka vkSj nw/k la;a=ksa esa ,p,lhlhih dk dk;kZUo;uA dkcZfud nqX/k mRiknA nw/k vkSj nqX/k mRiknksa ds fy, [kk| lqj{kk ds ekunaMA nqX/k la;a=ksa dh lQkbZ vkSj LoPNrkA Ms;jh ds cfg%lzkoksa dk Áca/kuA

;wfuV&2 ¼Åu foKku½

çlaLdj.k m|ksx ds lEcU/k esa Åu] Qj] isYV vkSj fof'k"V js'kksa dk ifjp;A Åu lalk/ku dh 'kCnkoyhA Åu ds jksedwiksa dh cqfu;knh lajpukA Åu dkVus ds ckn dh ÁfØ;k] oxhZdj.k vkSj Js.khdj.k] Åu dh HkkSfrd vkSj jklk;fud fo'ks"krk,aA Åu dh v'kqf);ka]] Åu dh xq.koÙkk dks çHkkfor djus okys dkjdA Åu ds çlaLdj.k dk laf{kIr ifjp;A

;wfuV&3 ¼i'kq o/k'kkyk vkSj i'kq miksRikn ÁkS|ksfxdh½

xzkeh.k] 'kgjh vkSj vk/kqfud i'kq o/k'kkykvksa dk vfHkfoU;kl vkSj Áca/kuA i'kq o/k'kkykvksa ds Áca/ku esa ,p,lhlhih dh /kkj.kkA i'kq o/k'kkykvksa dh O;oLFkk vkSj vfHkfoU;kl ij ,Q,l,l, ds ekunaMA i'kq dY;k.k vkSj o/k ls iwoZ ns[kHkky] dqDdqVksa lfgr ekal nsus okys i'kqvksa dk o/k'kkyk esa ifjogu vkSj ns[kjs[kA ekal nsus okys i'kqvksa dh e`R;q&iwoZ vkSj e`R;q&i'pkr~ tkapA ekal nsus okys i'kqvksa vkSj if{k;ksa dk o/k vkSj 'koksa ij elkyk yxkukA vkikr~dkyhu vkSj vkdfLed o/kA dqDdqVksa lfgr rS;kj fd, x, dadkyksa 'koksa dk ewY;kadu] Js.khdj.k vkSj cukoVA o/k'kkyk ds miksRikn% ekal] gfi;ka] Xyw] ftysfVu] olk vkSj Hks"kth; egÙo ds

miksRiknA peM+k vkSj [kkysa( [kky mrkjus ds rjhds] nks"k vkSj ifjj{k.k vkSj peZ'kks/kuA [kjkc ekal vkSj 'koksa dk mipkjA i'kq o/k'kkykvksa ls fudyus okys cfg%lzkoksa dk çcU/kuA

;wfuV&4 ¼ekal foKku½

Hkkjr esa ekal m|ksx dh lEekouk,aA isf'k;ksa dh lajpuk vkSj laxBu ¼dqDdqVksa dh isf'k;ksa lfgr½A is'kh dk ekal esa #ikarj.kA ekal dk iks"k.k ewY;A ekal ds udyh çfrLFkkihA ekal vkSj dqDdqVksa dk ifjj{k.k( ekal dh lQkbZ] ued yxkuk] lalk/ku djuk] /kq,a ls lq[kkuk] BaMk djuk] fge'khru djuk] fMCckcan djuk] fofdj.k vkSj jlk;uksa ls mipkfjr djukA ekal dk dky&iDou djukA ekal vkSj ekal mRiknksa dh vk/kqfud lalk/ku rduhdsaA ekal vkSj ekal mRiknksa dh fMCckcanhA ekal dk la#i.k vkSj lao)Zu( dckc] lkWlst ¼dhek½] ekal dh ckWy ;k fVfDd;ka] ranwjh fpdu] lwi] vpkjA ekal mRiknksa dk fd.ouA ekal vkSj ekal mRiknksa dh HkkSfrd&jlk;u vkSj lw{etSfodh xq.koÙkkA ekal mRiknksa dh xzg.k'khyrk ds ewY;kadu dk vk/kkjA vaMk vkSj vaMk mRiknksa dk iks"k.k ewY;] ifjj{k.k vkSj fMCckcanhA ekal vkSj ekal mRiknksa ds jk"Vªh;@varjkZ"Vªh; O;kikj dks fu;af=r djus okys dkuwuA vkxsZfud ekal vkuqoaf'kd :i ls #ikUrfjr ekal vkSj iksYVªh&mRiknA



ÁSfDVdy

;wfuV&1 ¼nw/k ,oa nqX/k mRiknu ÁkS|ksfxdh½

nw/k ds uewus ysukA olk] xSj&olk Bksl ¼,l,u,Q½ vkSj dqy Bksl dk vuqekuA IysVQkeZ ijh{k.kA Øhe vyx djukA nw/k esa feykoV dk irk yxkukA ik'pjhdj.k dh dk;Z{kerk fu/kkZfjr djukA nqX/k mRikn] tSls ngh] ?kh] iuhj ;k Nsuk] [kks;k] vkblØhe ;k dqYQh] nqX/k is;ksa tSls nqX/k&mRikn

rS;kj djukA vk/kqfud nw/k çlaLdj.k vkSj nw/k&mRikn fuekZ.k la;a= ns[kus tkukA

;wfuV&2 ¼Åu foKku½

Åu ds uewus ysus dh rduhdA Åu dh igpku ds fy, ijh{k.k djukA ¶yhl dh l?kurk] rarqvksa dk O;kl] Åu ds /kkxksa dh yEckbZ] ,asBu vkSj esMqys'ku dh Áfr'krrk fu/kkZfjr djukA ifj'kksf/kr ;k lkQ ¶yhl dh ek=kA

;wfuV&3 ¼i'kq o/k'kkyk vkSj i'kq miksRikn ÁkS|ksfxdh½

dqDdqVksa lfgr [kk| i'kqvksa dk /kkfeZd vkSj ekuoh; rjhds ls o/k] [kky mrkjuk vkSj lQkbZ djukA 'ko dk ewY;kaduA ekal dh ek=k] Mªsflax dh Áfr'krrk] ekal&gìh vuqikr vkSj dVs gq, Hkkxksa dk fu/kkZj.kA o/k'kkyk esa fofHkUu miksRikn rS;kj djukA o/k'kkyk vFkok ekal la;a=ksa dk nkSjk djukA

;wfuV&4 ¼ekal foKku½

ekal] iksYVªh vkSj 'kSy vaMksa rFkk muds miksRiknksa dh fMCckcanhA ekalAvkSj ekal mRiknksa ds {;dkjd ifjorZuksa dk- vuqeku yxkukA fo[kafMr vkSj xSj&fo[kafMr ekal vkSj iksYVªh mRikn rS;kj djukA vaMksa dh vkarfjd vkSj ckgjh xq.koÙkk dk ewY;akdu djuk vkSj vaMksa dh ifjj{k.k rduhdA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| F;ksjh | | | |
| isij&1 | 1 ,oa 2 | 100 | 20 |
| isij&2 | 3 ,oa 4 | 100 | 20 |
| ÁSfDVdy | | | |
| isij&1 | 1 ,oa 2 | 60 | 20 |
| isij&2 | 3 ,oa 4 | 60 | 20 |

¼**xii**½ i'kq fpfdRlk vkSj i'kqikyu foLrkjh f'k{kk foHkkx

i'kq fpfdRlk vkSj i'kqikyu foLrkjh f'k{kk foHkkx F;ksjh

ØsfMV ?kaVs% 3$1¾4

;wfuV&1 ¼i'kqikyu vk/kkfjr thfodk vkSj mudk fodkl½

i'kqikyu dk bfrgkl vkSj mldk lkekftd foLrkjA Ñf"k ,oa i'kqikyu dk fodkl vkSj muds chp vkilh laca/kA Hkkjr esa Ñf"k vkSj Ñf"k dh fo'ks"krk,aA Ñf"k dk oxhZdj.k] Ádkj vkSj Á.kkyhA Ñ"kd [ksrh] lgdkjh [ksrh] lkewfgd [ksrh] BsdkÑr [ksrh] ,LVsV [ksrh] vkWxsZfud [ksrh] iwathoknh [ksrh] y?kq iSekus ij [ksrh] cM+s iSekus ij [ksrh] l?ku vkSj foLrkfjr [ksrh] fof'k"V] fofo/k Ádkj dh] fefJr] lesfdr vkSj 'kq"d Hkwfe [ksrhA lelke;d lekt esa i'kqvksa dh HkwfedkA

;wfuV&2 ¼foLrkjh f'k{kk vkSj fodkl½

Hkkjr esa foLrkjh Ñf"k ds ÁkjafHkd Á;klA f'k{kk ds Ádkj% vkSipkfjd] vukSipkfjd vkSj xSj&vkSipkfjd f'k{kkA foLrkjh f'k{kk% fl)kar] Lrj] mn~ns'; vkSj vk;keA foLrkjh f'k{kk ds fl)kar] n'kZu vkSj dk;ZA f'k{k.k&f'k{kk ÁfØ;k vkSj foLrkjh f'k{kk ds ØeA vko';drk dh /kkj.kk vkSj blds ÁdkjA xzkeh.k fodkl& xjhch nwj djus ds fy, xzkeh.k fodkl dk;ZØe dh /kkj.kk] fo'ks"krk vkSj egÙoA fodkl dh leL;k,a vkSj eqn~nsA ipka;r jkt Á.kkyhA

;wfuV&3 ¼i'kq fpfdRlk foLrkj esa xzkeh.k lekt foKku½

lekt foKku dh ladYiuk vkSj i'kq ikyu foLrkj esa xzkeh.k lekt foKkuA laLÑfr% ifjHkk"kk] rÙo] ifjorZu] mRiknu Á.kkyh ij ÁHkkoA lekt foKku dh cqfu;knh /kkj.kk& lekt] leqnk; ,oa laxBuA xkzeh.k lekt% fo'ks"krk,a ,oa lekt] leqnk; ,oa laLÑfr ds chp varjA tutkrh;] xzkeh.k ,oa 'kgjh leqnk;ksa dh fo'ks"krk,a ,oa vkilh varjA lkekftd fu;a=.k% /kkj.kk ,oa lkekftd fu;a=.k ds mik; ¼rduhd] yksd i)fr;ka] otZuk,a] vkpkj&fopkj vkSj dkuwu½A lkekftd Lrjhdj.k% ifjHkk"kk] Ák:i vkSj fo'ks"krk,a ¼tkfr Á.kkyh ,oa oxZ Á.kkyh½A xzkeh.k lekt esa lkekftd laLFkk,a% lkekftd] vkfFkZd] jktuhfrd] /kkfeZd ,oa 'kS{kf.kd ¼ifjHkk"kk] lajpuk ,oa dk;Z½A lkekftd ifjorZu% /kkj.kk] egÙo ,oa dkjdA lkekftd lewg% fofHkUu lewg] lkekftd lewgksa dk oxhZdj.k vkSj mudh fo'ks"krk,aA usr`Ùo% ifjHkk"kk] usrk ds dk;Z] xzkeh.k usrkvksa ds Ádkj] i'kqikyu foLrkj esa Áeq[k lapkjd vkSj mudh Hkwfedk,aA



;wfuV&4 ¼i'kq /ku fodkl ds fy, ÁkS|ksfxdh dk LFkkukarj.k½

ÁkS|ksfxdh & /kkj.kk] mRifÙk ÁfØ;k] Á;ksx] xq.k ,oa voxq.kA uohu i)fr;ksa dk vfHkxzg.k vkSj Álkj] vfHkxzg.k dh voLFkk,a] vfHkxzkgd dh Jsf.k;ka] uohuhdj.k fu.kZ; dh ÁfØ;k] uohuhdj.k dh fo'ks"krk,a] Álkj ÁfØ;k] vfHkxzg.k vkSj Álkj ÁfØ;k dks ÁHkkfor djus okys dkjdA dk;ZØe fu;kstu% fl)kar] mn~ns'; ,oa ØeA foLrkj dk;ZØe dk ewY;akdu] oSKkfud i'kqikyu i)fr viukus esa vkus okyh ck/kk,aA i'kq/ku laca/kh uohu i)fr;ksa ds Álkj esa foLrkj ,tsaVksa dh HkwfedkA eos'kh ,oa HkSalksa dk lq/kkj dk;ZØe% Áeq[k xzke ;kstuk,a] l?ku eos'kh fodkl ifj;kstuk] xkSlnu ,oa xkS'kkyk,aA Ms;jh fodkl dk;ZØe% lgdkfjrk dh /kkj.kk] lgdkfjrk dk jksdMsy fl)kar] lgdkfjrk dk mn~ns';] Ms;jh lgdkfjrk dh vewy Á.kkyh vkSj vkWijs'ku ¶yMA Hkkjrh; Ñf"k vuqla/kku ifj"kn~ ¼vkbZlh,vkj½ dh ÁkS|ksfxd ifj;kstukvksa dk LFkkukarj.k% Ñf"k foKku dsanz ¼dsohds½] Ñf"k ÁkS|ksfxdh lwpuk dsanz ¼,VhvkbZlh½] Ñf"k ÁkS|ksfxdh Áca/ku ,tsalh ¼,Vh,e,½] jk"Vªh; Ñf"k uokspkj ifj;kstuk ¼,u,vkbZih½] jk"Vªh; Ñf"k fodkl ;kstuk ¼vkjdsohokbZ½] bR;kfnA HksM+] cdjh] dqDdqV] lqvj] pkjk mRiknu bR;kfn ls lacaf/kr dsanz ,oa jkT; ljdkjksa }kjk lapkfyr fofHkUu i'kqikyu fodkl dk;ZØeA

;wfuV&5 ¼lapkj.k ,oa foLrkj.k v/;;u fof/k;ka ½

lapkj.k ,oa blds dk;ZA cqfu;knh fl)kar% lapkj.k fu"Bk] lapkj.k esa varj] lapkj.k esa le; dk varjky] leosnuk] gkseksfQyh ,oa fgVsjksfQyh] ÁksisxaMk] Ápkj] le>kuk&cq>kuk vkSj lapkj.k dk fodklA lapkj.k ds Ádkj% ikjLifjd] varjoS;fDrd] ekSf[kd] xSj&ekSf[kd] Å/oZ]

{kSftr] laxBukRed lapkj.k bR;kfnA lapkj.k ds rÙo% lapkj] lans'k] ek/;e] lans'k ij O;ogkj] Jksrk] vkSj Jksrkvksa dh ÁfrfØ;k ¼Áfriqf"V½A lapkj.k dh ck/kk,aA O;fDrxr laidZ dh fof/k% [ksr ,oa ?kj tkuk] fdlkuksa ls ckr djuk] O;fDrxr i= Hkstuk] vuqdwyuh; ;k feuhfdV ijh{k.k] QkeZ fDyfud] bR;kfnA lkewfgd lEidZ dh fof/k;ka% ifj.kkeksa dk Án'kZu] fof/k;ksa dk Án'kZu] lkewfgd cSBdsa] Áf'k{k.k] {ks=h; Hkze.k ;k fdlku fnol] v/;;u ;k=k] bR;kfnA tuleqnk; ls lEidZ dh fof/k% Ñf"k laca/kh Ádk'ku ¼ipsZ] QksYMj] iqfLrdk,a] cqysfVu] Ñf"k if=dk,a] U;wt+ySVj] bR;kfn½] tuleqnk; dh cSBdsa] vfHk;ku] Án'kZu] lekpkji=] jsfM;ks] Vsyhfot+u] eksckby ,le,,lA foLrkjh v/;;u fof/k;ksa dk pquko vkSj Á;ksxA

;wfuV&6 ¼i'kq/ku vFkZra= ,oa foi.ku½

vFkZO;oLFkk vkSj i'kq/ku vFkZO;oLFkk% ifjHkk"kk vkSj foLrkj ¼mRiknu [kir] fofue; vkSj forj.k½A cqfu;knh /kkj.kk,a% t#jr] eky] lEifÙk] mi;ksfxrk] dher] ewY;] ifjlEifÙk] iwath] /ku vkSj vk;A Hkwfe] Je] iwath vkSj laxBu dh egÙoiw.kZ fo'ks"krk,aA ekax] vkiwfrZ ,oa ykxr ds fl)karA mRiknu ds fl)kar ¼vk; de gksus] vk; c<+kus] vk; dks LFkkbZ cuk, j[kus vkSj vf/kd vk; dk dkuwu½A cktkj dh /kkj.kk% cktkj] cktkj dh lajpuk] vkSj cktkjksa dk oxhZdj.kA cktkjh ewY; vkSj lkekU; ewY;] vYi vkSj nh?kZ dky esa ÁfrLi)kZ dh fLFkfr esa ewY;ksa dk fu/kkZj.kA foi.ku dk;Z% vFkZ vkSj oxhZdj.k ¼iSdsftax] ifjogu] Js.khdj.k] ekudhdj.k] HkaMkj.k ,oa xksnke] lalk/ku ,oa ewY;&;kstu] [kjhn ,oa fcØh] cktkj laca/kh lwpuk,a] foÙkh;dj.k] tksf[ke mBkuk] tksf[ke de djuk ¼lV~Vk vkSj ok;nk½A i'kq/ku vkSj i'kq/ku mRiknksa ds foi.ku esa ljdkjh gLr{ksi vkSj mldh HkwfedkA i'kq/ku mRiknksa esa ckgjh dkjksckj] O;kikj vkSj varjkZ"Vªh; O;kikj le>kSrksa ij uohu uhfr;ka] vkSj dqDdqV ikyu ds {ks= esa mudk Á;ksxA

;wfuV&7 ¼i'kq/ku m|ksxo`fÙk½

m|eh] m|e'khyrk] m|e vkSj Áca/kd dh ifjHkk"kkA m|eh ,oa m|e'khyrk] m|eh ,oa m|e vkSj m|eh ,oa Áca/kd ds chp varjA m|e'khyrk ds fl)kar% lkekftd foKku laca/kh fl)kar] vkfFkZd fl)kar] lkaLÑfrd fl)kar] euksoSKkfud fl)karA m|eh ds Ádkj] fo'ks"krk,a ,oa dk;ZA m|e'khyrk ds Ádkj% ¼,dy m|eh] Hkkxsnkjh] fuxe] lgdkjh] la;qDr LVkWd daiuh] futh ,oa ÁkbosV fyfeVsM daiuh½A foÙkh; Áca/ku dk ifjp;% /kkj.kk] dk;Z] foÙkh; fooj.k dk fo'ys"k.k] iwath dk lzksr ¼cSad] osapj dSfiVy] bR;kfn½A ifj;kstuk ewY;kadu& ifjp;] egÙo] rduhdh&vkfFkZd lEHkkO;rk] ifj;kstuk ewY;kadu dk ekunaM ¼NwV lfgr vkSj NwV jfgr½] iwathxr ctV fu/kkZj.kA m|e ds fy, dkjksckj dh ;kstukA Hkkjr esa m|e'khyrk dks c<+kok nsus okys laLFkkuA m|e'khyrk fodkl dk;ZØeA ys[kkdj.k% mn~ns';] lkekU; 'kCnkoyhA dk;Z dk O;fDrxr Áca/ku&vfHkfu/kkZj.k] dk;Z dk fo'ys"k.k] Je dk forj.k bR;kfnA lalk/ku Áca/ku& i'kq/ku QkeksZa dh O;oLFkk] lalk/ku ,oa lkexzh foÙkh; lalk/kuksa dh ÁkfIr] ykHk&vykHk dk fo'ys"k.kA

;wfuV&8 ¼lwpuk ,oa lapkj ÁkS|ksfxdh½

i'kq/ku {ks= rFkk fdlkuksa ds {kerk fuekZ.k esa lwpuk ,oa lapkj.k ÁkS|ksfxdh ¼vkbZlhVh½ lhek,aA lwpuk fdvksLd] bZ&yfuZax] lh,Mh] opqZvy d{kk,a] vkHkklh okLrfodrk] eYVh ehfM;k bR;kfnA lkbcj ,DlVsa'ku& i'kq/ku foLrkj esa leL;k,a ,oa lEHkkouk,aA dEI;wVj usVofdZax% ¼yku] eku] oku] baVjusV] Vsyh&dk¡Ýsflax] Vsyh&VsDLV] jsfM;ks&VsDLV] ohfM;ks&VsDLV] lfØf;r
dscy forj.k Á.kkyh] lSVsykbV dE;qfuds'ku] baVjusV] www] bR;kfn½A

;wfuV&9 ¼i'kq/ku m|eksa esa ledkyhu leL;k,a½

fyax ,oa i'kq ikyu& ifjHkk"kk] fyax ,oa ;kSu esa varj] i'kq ikyu esa efgykvksa dh Hkwfedk] ySafxd laosnhdj.k] i'kq ikyu esa ySafxd laosnhdj.k dk egÙo] fyax fo'ys"k.k dh vko';drkA fyax ctV fu/kkZj.k vkSj eq[; /kkjkA uohu i'kq/ku tux.kuk dh Áeq[k fo'ks"krk,a] i'kq/ku chek ;kstuk] jk"Vªh; i'kq/ku fe'kuA laoguh;rk & i'kq/ku mRiknu Á.kkyh dh laoguh;rk dh /kkj.kk ¼lkekftd]

i;kZoj.k laca/kh] vkSj lkeus vkus okyh vkfFkZd pqukSfr;ka½A i'kqikyu ds i;kZoj.k ij ÁHkko dk v/;;uA i'kq dY;k.k& i'kq dY;k.k] vkpkjuhfr ,oa vf/kdkj dk ifjp;A ledkyhu lekt esa i'kq dY;k.k dk egÙoA i'kq fpfdRldksa ls vis{kk,aA



ÁSfDVdy

;wfuV&1

MkVk ladyu ds lk/ku% lkekftd losZ{k.k ds fy, lk/ku rS;kj djuk( fudVorhZ xkaoksa dk nkSjk djuk% Ñf"k Á.kkyh vkSj mldh ck/kkvksa ds ewY;akdu ds fy, lkekftd losZ{k.k djuk( MkVk dk fo'ys"k.k djuk vkSj fjiksVZ rS;kj djuk( fdlkuksa ds fy, Án'kZuksa dh O;oLFkk djuk( lkekftd&ehfVªd fof/k }kjk Áeq[k lapkjdksa dk irk yxkuk( ÁkstsDVjksa dk fl)kar vkSj Á;ksx( jsfM;ks fLØIV rS;kj djuk( Vsyhfot+u fLØIV rS;kj djuk( iksLVj cukuk vkSj Á;ksx djuk( pkVZ cukuk vkSj mudk Á;ksx djuk( ¶yS'k dkMZ cukuk vkSj Á;skx djuk( foLrkj dk;ksZa ds fy, Ñf"k Ádk'ku rS;kj djuk vkSj mudk Á;ksx djuk( tkx#drk vfHk;ku dh ;kstuk cukuk vkSj mudk vk;kstu djuk ¼LokLF; ,oa mRiknu½( i'kq LokLF; f'kfojksa dh ;kstuk cukuk vkSj mUgsa vk;ksftr djuk( nzqr xzkeh.k ewY;kadu ¼jSfiM #jy vÁst+y½ dk vH;kl djuk( Hkkxsnkjh xzkeh.k ewY;kadu ¼ifVZflisVjh #jy vÁst+y½ dk vH;kl djuk( lkewfgd ppkZvksa dh ;kstuk cukuk vkSj mudk vk;kstu djukA

;wfuV&2

i'kq O;kikj ds ysunsu esa MsfcV ,oa ØsfMV ds fu;eA tjuy Áfof"V ,oa ystj Áfof"VA dS'k cqd fy[kukA 'ks"k jkf'k fudkyuk vkSj vafre [kkrs rS;kj djukA ewY;gzkl dh x.kuk djukA i'kq mRiknu djus okys O;kolkf;d m|eksa dk nkSjk djukA Msjh m|e'khyrk ifj;kstuk fjiksVZ rS;kj djukA HksM+ vkSj cdjh m|e'khyrk ifj;kstuk fjiksVZ rS;kj djukA dqDdqV m|e'khyrk ifj;kstuk fjiksVZ rS;kj djukA lqvj ,oa [kjxks'k m|e'khyrk ifj;kstuk fjiksVZ rS;kj djukA rduhdh&vkfFkZd lEHkkO;rk fjiksVZA ykHk&vykHk fo'ys"k.k dk djukA chlhvkj] vkbZvkjvkj ,oa ,uihMCY;w dk vH;kl djukA lQy m|e'khyrk ifj;kstukvksa dh dsl LVMhA i'kq/ku cktkj tkukA i'kq esyksa esa tkukA jksxksa ij gksus okys O;; dh x.kuk djukA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| F;ksjh | | | |
| isij&1 | 1] 2] 3] 4 ,oa 5 | 100 | 20 |
| isij&2 | 6] 7] 8 ,oa 9 | 100 | 20 |
| ÁSfDVdy | | | |
| isij&1 | 1 | 60 | 20 |
| isij&2 | 2 | 60 | 20 |

¼**xiii**½ i'kq fpfdRlk fDyfudy dkWEiysDl ¼ohlhlh½

i'kq fpfdRlk fDyfudy O;olk;& **I** ¼r`rh; o"kZ½ ØsfMV ?kaVs% 0$1

i'kq fpfdRlky;ksa dh dk;ZÁ.kkyh ds ckjs esa tkudkjh ÁkIr djuk vkSj mls le>uk ftlesa vLirky dh O;oLFkk] Á'kklu vkSj deZpkfj;ksa dk Áca/ku 'kkfey gksxkA fpfdRld&jksxh ijLij lEidZ] LFkkuh; Hkk"kk dh tkudkjh vFkok nqHkkf"k;s }kjk jksx dh LFkkuh; 'kCnkoyh esa tkudkjhA iathdj.k] iathdj.k dkMZ Hkjuk] jksx dk C;kSjk ntZ djuk] i'kqvksa dks laHkkyuk vkSj mUgsa dkcw djukA ÁkFkfed fpfdRlk tkap] tSls rkieku] 'okl] ukM+h dh xfr ntZ djuk] ikpu fØ;k dh xfr'khyrk] bR;kfn dh tkap djukA ÁkFkfed fpfdRlk i)fr;ksa dh tkudkjh vkSj mudk vH;klA Á;ksx'kkyk uewuksa dks ladfyr djuk] yscy yxkuk] mUgsa fMCckcan djuk vkSj HkaMkfjr

djukA 'kY;fØ;k esa Á;ksx gksus okyk lkeku] ;a=] insZ vkSj vkWijs'ku fFk,Vj rS;kj djuk vkSj mudk thok.kquk'ku djukA iwfrjks/kh ¼aVhlSfIVd½ Mªsflax djus vkSj iV~Vh cka/kus dh rduhd dh tkudkjh ÁkIr djukA

i'kq fpfdRlk fDyfudy O;olk;&**II** ¼prqFkZ o"kZ½ ØsfMV ?kaVs% 0$6

Nk=ksa dks i'kq fpfdRlk fDyfudy dkWEiysDl ds fuEufyf[kr vuqHkkxksa esa pØkuqØe vk/kkj ij çf'k{k.k fn;k tk,xk ¼ohlhlh½%

1- py fpfdRlky; vuqHkkx

ÁR;sd i'kq fpfdRlk dkWyst dks ikap xkao vf/kxzghr djus gksaxs tgka LokLF;] mRiknu vkSj mipkj dh lokZaxh.k :i ls ns[kHkky djuh gksxhA

{ks=h; fLFkfr;ksa esa #X.k i'kqvksa dks] ladk; ds i;Zos{k.k ds varxZr laHkkyuk] tkap djuk] mudk funku vkSj mipkj djukA Nk=ksa ds NksVs lewgksa vkSj fDyfudy foHkkx ds ladk;ksa dks ,d lqlfTtr py ;wfuV ds ek/;e ls py fpfdRlky;ksa dk çpkyu djuk gksxkA



2- uSnkfud ç;ksx'kkyk vuqHkkx%

fDyfudy uSnkfud ç;ksx'kkyk v/;kiu i'kq fpfdRlk fDyfudy dkWEiysDl dk ,d egÙoiw.kZ Hkkx gksxh tgka Nk=ksa dks fDyfudy uewuksa ds ç;ksx'kkyk ewY;kadu vkSj O;k[;k dk çf'k{k.k fn;k tk,xk ftlls jksxksa dk fu'p;kRed funku gks ldsxkA bl fØ;kdyki ls Nk=ksa dh] fDyfudy dkWEiysDlksa esa fDyfudy uewuksa ¼tSojklk;fud] fo"k&foKku] fo—fr&foKku] ijthoh foKku vkSj thok.kq foKku½ dh tkap djus] mudk fo'ys"k.k djus vkSj fDyfudy fu"d"kksZ ds lkFk ijLij&lEc) LFkkfir djus] uewuksa dk ladyu djus] yscy djus] izsf"kr djus vkSj 'kjhj ds nzoksa ds uewuksa dks lajf{kr djus] rFkk ifj.kke fy[kus vkSj fjiksVZ rS;kj djus dh {kerk esa lq/kkj gksxkA fof'k"V jksx ds laca/k esa MkVk dh O;k[;k djukA uewuksa esa lhje Xyqdkst+] fyfiM] ÁksVhu] jDr&;wfj;k] ukbVªkstu] fØ,fVfuu] ;wfjd ,flM] dhVksu ckWMht+] fcfyj~;wfcu vkSj bysDVªksykbV dh tkapA ew= ds uewuksa dh tkap dk fDyfudy egÙo vkSj O;k[;kA fDyfudy uewuksa esa jDr dk ewY;kadu ¼gheksXykschu] ladqfyr dksf'kdk ?kuRo] ,fjFkzkslkbVksa dh dqy la[;k] ,flFkzkslkbVksa dh volknu nj] Y;wdkslkbVksa dh dqy la[;k] vkSj Y;wdkslkbVksa dh vodyt la[;k½A vEy&{kkj larqyu dk ewY;kadu vkSj O;k[;kA ikpu nks"kksa] ,aMksØkbu fØ;kra= dk tSo&jklk;fud i{kA ;Ñr] xqnkZ vkSj vXuk'k; dh dk;ZÁ.kkyh dh tkapA Årdksa vkSj vaxksa esa jksx dk irk yxkus ds fy, ,at+kbeksa dh HkwfedkA funku ds fy, ladfyr Årdksa dh lw{en'khZ LykbMsa cukuk vkSj mudh Ård&jksxfoKkuh; O;k[;k djukA Á;ksx'kkyk funku ds fy, ck;ksIlh vkSj #X.k lkexzh dh tkapA ijthoh jksxksa ds fy, uewuksa dk Á;ksx'kkyk ewY;kadu vkSj funku ¼ey dh uSfR;d tkap& ÁR;{k fLe;j fof/k] lkekU; volknu vkSj Iyou fof/k] ey dh ek=k dh tkap] pjkxkgh ykjoksa dh la[;k dh tkap½A Topk dh [kqjpu dh tkap] jDr dh tkapA egÙoiw.kZ thok.kq] dod vkSj fo"kk.kq jksxksa ds funku ds fy, fDyfudy ekeyksa ds uewuksa dk ladyu] ifjogu vkSj lalk/ku rFkk blds fy, fDyfudy lw{en'khZ Á;ksx'kkyk ls lEidZA fDyfudy uewuksa ls thok.kqvksa dk i`FkDdj.k] xzke LVsfuax }kjk vFkok lao/kZu ;k tSi jklk;fud fo'ks"krkvksa ds }kjk thok.kqvksa dh igpku djukA fpfdRlk ds fy, vkS"kf/k dh laosnu'khyrk vkSj ewyk/kkjA vxkj tSy ÁsflfiVs'ku tkap] ,fylk bR;kfn ijh{k.kkas ds Á;ksx ls jksxksa dk funkuA

uksV% Á;ksx'kkyk foÑfr foKku vkSj 'kjhj fØ;k foKku rFkk tSo jklk;fudh foHkkx ds lg;ksx ls lapkfyr gksxhA bl vuqHkkx esa fu;qDr tSo jlk;u foKkuh dks Nk=ksa dks] fofHkUu tkfr;ksa esa fHkUu&fHkUu uSnkfud ijh{k.kksa ds fl)karksa] lkekU; vkSj vlkekU; ewY;ksa] fofHkUu funkuksa ds jksxksa ds laca/kksa vkSj fu"d"kZ ij igqapus ds rdZ ds ckjs esa f'kf{kr djuk gksxkA

vkS"kf/k vuqHkkx%

i'kq fpfdRlk fDyfudksa ds lapkyu] ftuesa vLirky dk <kapk] ç'kklu vkSj dk;Z cy dk Áca/ku Hkh 'kkfey gS] ds ckjs esa tkudkjh ÁkIr djuk vkSj mUgsa le>uk 'kkfey gSA fjdkMZ j[kus ds fofHkUu rjhds] MkVk dh iqu%ÁkfIr] çkslflax] fo'ys"k.k vkSj MkVk dh O;k[;k dks le>ukA cfgjax jksxh foHkkx ¼vksihMh½] varjax jksxh foHkkx] fof'k"V ns[kHkky ;k xgu ns[kjs[k ;wfuV] lQkbZ] O;olk; çca/k esa Hkkx ysukA fpfdRld vkSj jksxh ikjLifjd laca/k% jksx ds ckjs esa LFkkuh; Hkk"kk ;k LFkkuh; cksyh ;k LFkkuh; 'kCnkoyh dh tkudkjh ÁkIr djukA

iathdj.k] iath;u dkMZ Hkjuk] fDyfudy vH;kl ftlesa jksxh dh fDyfudy tkap 'kkfey gS ftlesa fooj.k ntZ djus] tkap dh rduhd & Nwdj ns[kuk] BdBdkuk] g`n; xfr dks lquus ij cy nsuk gksxkA çkFkfed mipkj çfØ;kvksa vkSj vkikr~dkyhu vkS"kf/k;ksa dk ifjp; gksukA ç;ksx'kkyk uewuksa dks ,d= djus] mu ij yscy yxkus] fMCcksa esa j[kus vkSj ewY;kadu djus dk vH;klA mipkj ds fu/kkZfjr fofu;eksa ds laca/k esa vkS"kf/k;ksa ds tsusfjd vkSj O;kikfjd ukeksa] mudh [kqjkd] lwpukvksa vkSj folaxfr;ksa dh tkudkjh gksukA

fofHkUu Á.kkfy;ksa dh tkap] ftuesa fDyfudy fVIi.kh ntZ djuk 'kkfey gSa] tSls rkieku] 'okl] ukM+h] g`n; dh xfr] QsQM+ksa dh dk;Z{kerk] ikpu ra= dh dk;kZRed xfr'khyrk] vkS"kf/k;ksa nsus ds ekxZ vkSj rjhdsA lkekU; fDyfudy jksxksa] tSls xzluh 'kksFk] daB 'kksFk] LVksesVkbfVl] vip] tBj 'kksFk] ÁFke vek'k; ij ncko] e/; d.kZ jksx] vka='kksFk] vfHk?kkrd isV dh f>Yyh dk jksx] vfHk?kkrd ifjg`n'kksFk] U;weksfu;k] gheksXyksfcU;wfj;k] jDresg] nqX/k Toj] dhVksfll] fjdsV~l] vfLFke`nqrk] lkekU; fo"kkDrhdj.k] vkSj vU; jksxksa dk funku] tSlkfd bl vuqHkkx fn, x, gSaA

ç;ksx'kkyk ijh{k.k ds fy, ew=] ey] Ropk dh [kqjpu] jä] nw/k vkSj 'kjhj ds vU; nzoksa bR;kfn dk laxzg.kA jksfx;ksa ds fjdkMZ rS;kj djuk( vuqorhZ fjdkMZ] bR;kfnA fDyfud esa vkdfLed vkSj vkikr~ jksfx;ksa ds mipkj dh rRijrkA vkek'k; vkSj ukfldk esa ust+ks&xSfLVªd ufydk Mkyuk lh[kuk vkSj vH;kl djukA ijh{k.kksa }kjk i'kqvksa vkSj dqDdwVksa dh tkap] funku ds O;kid vfHk;kuA {ks= esa jksx Áfrjks/kd Vhds yxkuk vkSj vU; jksxksa ls cpko vkSj fu;a=.k ds dk;ZØeA

fofHkUu Ádkj ds uo&fodflr ljy funku lk/kuksa] tSls vYVªklksuksxzkQh] vkWIFkSYeksLdksi] bR;kfn dk Á;ksx djus dk rjhdk lh[kuk vkSj bUgsa Á;ksx djukA

chekj i'kqvksa dks Hkkstu f[kykus dh i)frA fofHkUu laLFkkvksa esa tSo&jklk;fud vif'k"Vksa ds tuu vkSj fuiVku ls lEcfU/kr vf/kfu;e vkSj fofu;eA tSo&fpfdRlh; vif'k"Vksa ds [krjs] tSo&fpfdRlh; vif'k"V dk i;kZoj.k ij ÁHkkoA



Ekknk jksx foKku vkSj çlwfr foKku vuqHkkx

Ñf=e fu"kspu i)fr dh tkudkjh] xHkkZoLFkk dk funku] Lru/kkjh i'kqvksa] ewd dkeksUekn vkSj xHkkZ/kkj.k rFkk xHkZ/kkj.k foQyrk ds jksfx;ksa dks laHkkyukA xHkkZ'k; is'kh'kksFk] xHkkZ'k; xzhok'kksFk vkSj ;ksfu'kksFk ds jksfx;ksa dk mipkjA Álo&iwoZ vkSj Álo i'pkr~ Hkza'k dks laHkkyukA fMLVksf'k;k] fQVksVkWeh] lht+sfj;u bR;kfn ls xzLr i'kq jksfx;ksa dh tkap djuk vkSj mUgsa laHkkyukA uj cNM+ksa dh ulcanh] Átuu LokLF;] lkaMksa dk ewY;kadu] xHkkZ'k; fudkyuk vkSj dksf'kdk foKku laca/kh tkap ds fy, xHkkZ'k; dh xzhok vkSj ;ksfu ds 'ys"ek dk laxzg.kA tuukax ijh{kk ds fy, eyk'k;h ijh{k.k] ;ksfu ijh{k.kA Ekknk jksx ls lacaf/kr jksxksa esa]Átuu nks"kksa esa] ftuesa uiqladrk 'kkfey gS] Á;ksx gksus okyh lkekU; vkS"kf/k;ksa vkSj gkWeksZuksa] ,fiM~;wjy vkSj LFkkuh; laosnukgkjh dh tkudkjhA fDyfudy jksfx;ksa ds fjdkWMZ Hkjuk vkSj mUgsa cuk, j[kukA

'kY; fpfdRlk vkSj fofdj.k&fpfdRlk vuqHkkx

i'kq fpfdRlk vLirky ds 'kY;&fØ;k vuqHkkx esa Á;ksx gksus okys miLdjksa ds lkFk ifjp; vkSj tkudkjhA fofHkUu tkfr;ksa ds i'kqvksa dks tkap] funku vkSj 'kY; fpfdRlk ds fy, dkcw djuk vkSj lgh fLFkfr esa fcBkukA fDyfudy 'kY; fpfdRlk ds fy, lkekU; vkS"kf/k;ksa ds uqL[ks

fy[kuk] [kqjkdsa vkSj Á;ksx crkukA fDyfudy jksfx;ksa ds fjdkMZ ntZ djuk vkSj mUgsa cuk, j[kukA 'kY; fpfdRlk ds iSd] midj.k] insZ vkSj vkijs'ku d{k rS;kj djuk vkSj mUgsa folaØfer djukA vkek'k; esa ufydk vkSj mnj esa ufydk Áos'k djukA dSFksVj dk Áos'k djuk vkSj ew= ,d= djukA

raf=dkis'kh; vkSj dadkyh; —R;ksa dh tkap dh rduhdsaA iwfrjks?kh Mªsflax dh rduhdksa] iêh cka/kus] mnj esa fNnz djus] o{k esa fNnz djus dj ÁfØ;k dh tkudkjhA i'kqvksa dk HkkSxksfyd fLFkfr ds vuqlkj 'kjhj&jpukA jsfM;ksxzkfQd fLFkfr] 'kCnkoyh vkSj O;k[;k dh tkudkjhA

fofHkUu 'kY;fØ;k ls lacaf/kr voLFkkvksa] tSls lwtu] t+[e] QksM+s] Qaqlh] flLV] vcqZn] gfuZ;k] fgesVksek] jälzko] lkbul] ukM+hoz.k] uklwj] Ård{k;] xsaxzhu] furEc] eksp vkSj d.Mjk'kks/k bR;kfn dk mipkj vkSj ns[kHkkyA vfLFk&foHkatu] laf/k&Hkax] rFkk tksM+ksa ds vU; jksxksa] psgjs dk i{kk?kkr] us=&—fe vkSj vka[kksa ds vU; jksxksa dk mipkj vkSj ns[kHkkyA vfu;fer nkar vkSj mudks jsruk] iwaN dkVuk] Bksduk] iVsyk dks Åij dh vksj fLFkj djuk ¼fpfdRlk 'kCnkoyh esa tkuqdk MsLeksVkseh½ bR;kfnA

fofeUu vkaf=d vaxksa dk os/ku] o{kos/ku] mnjos/ku] ÁFke vkek'k; dk Nsnu] mnj fHkfÙk dk Nsnu] varfM+;ksa dh VVksydj vkSj vka[kksa ls ns[kdj tkap] ew=ekxZNsnu] cf/k;kdj.k] 'kqØokfguh&mPNsnu] dkMsDVkseh] flLVksVkWeh] flLVksjSQh vkSj frYyh&mPNsnuA ?kksM+s dh ran#Lrh] yaxM+siu dh tkap djuk vkSj LokLF; Áek.ki= rS;kj djukA VsuksVkseh] Luk;qvksa dh flykbZ] Luk;q dks NksVk djukA

ikyrw i'kq vuqHkkx

iathdj.k] iathdj.k dkMZ Hkjuk] fooj.k ntZ djukA fu/kkZfjr mipkj ds fu;eksa ds vuqlkj] vkS"kf/k;ksa ds tsufjd vkSj O;kikfjd ukeksa dh tkudkjh] mudh [kqjkd] lwpukvksa vkSj vlaxfr;ksa dh tkudkjh gksukA ÁkFkfed fpfdRlk ls lacaf/kr ÁfØ;kvksa vkSj vkikr~dkyhu nokvksa dh tkudkjh gksukA Á;ksx'kkyk uewuksa dks ladfyr djuk] yscy djuk] mUgsa fMCckcan djuk vkSj mudk ewY;kadu djukA fDyfudy ijh{kk rduhd& Li'kZ tkap] BdBdkuk] g`n; xfr lquuk] fofHkUu Á.kkfy;ksa dh O;ofLFkr tkap] fDyfudy fVIif.k;ka ntZ djuk] tSls rkieku] 'okl] ukM+h] g`n; dk Lianu] g`n; dh dk;ZÁ.kkyh] QsQM+ksa dh dk;ZÁ.kkyh] ikpu ra= dh dk;kZRed xfr'khyrkA vkS"kf/k;ka nsus ds ekxZ vkSj rduhdA jksxksa dk funku vkSj mipkjA Á;ksx'kkyk ijh{k.kksa ds fy, ew=] ey] Ropk dh [kqjpu] jDr] nw/k] vkSj 'kjhj ds vU; nzoksa dks ,d= djukA Vhdkdj.k vkSj vU; jksx Áfrjks/kkRed dk;ZØeA xHkkZoLFkk dk funku] dkeksUekn u gksus] ewd dkeksUekn gksus vkSj xHkkZ/kku esa vlQyrk dh tkapA tuukaxksa dh tkap] xqnk] ;ksfu dh tkap]A Ekknkjksx ls ihfM+rksa ds fy, ,ihM~;wjy vkSj LFkkuh; laosnukgkjh dk Á;ksxA tkap ds fy, i'kqvksa dks dkcw esa djus] Bhd <ax ls cSBkus dh rduhd] funku vkSj 'kY; fpfdRlk ds iSd rS;kj djuk] 'kY; fpfdRlk esa Á;ksx gksus okys midj.kksa dk jksxk.kquk'kuA vek'k; vkSj mnj esa ufydk dk Áos'k djukA dSFksVj dk Áos'k djuk vkSj ew= ,df=r djukA ,aVhlsfIVd ifV~V;ka cka/kus dh rduhd dh tkudkjhA ikyrw i'kqvksa dh HkkSxksfyd 'kjhj jpukA jsfM;ks/kfeZrk ds fy, fLFkfr vkSj 'kCnkoyhA

ÁSfDVdy ijh{kk,a vkarfjd gksaxhA i'kq fpfdRlk fDyfudy O;olk; ds fy, ijh{kk,a o"kZ esa nks ckj gksaxh] vFkkZr~ ÁFke ÁSfDVdy ijh{kk 50 Áfr'kr ikB~;Øe iwjk gks tkus ds ckn gksxh vkSj nwljh ijh{kk ikB~;Øe iwjk gks tkus ij gksxh fdarq blesa iwjk flyscl 'kkfey fd;k tk,xkA okf"kZd O;kolkf;d ijh{kk ÁR;sd fo"k; esa 100 Áfr'kr ikB~;Øe iwjk gks tkus ds ckn vk;ksftr dh tk,xhA

ijh{kk ds fuEufyf[kr Hkkx gksaxs%

¼1½ 'kY; fpfdRlk] vkS"kf/k] Ekknkjksx foKku fo"k;ksa esa ÁR;sd ds 10&10 iwjs dsl ÁLrqr djus gksaxsA

¼2½ dsl ÁLrqfrdj.k

¼3½ ikap ekeyksa ds mipkj dh leh{kk

¼4½ fyf[kr laf{kIr ¼vkWCtsfDVo½ Á'u ¼'kY; fpfdRlk] vkS"kf/k] Ekknkjksx foKku½

¼5½ Á;ksx'kkyk funku

¼6½ ekSf[kd



¼**xiv**½ i'kq QkeZ dkWEiysDl

i'kq QkeZ dkWEiysDl ¼r`rh; o"kZ½ ØsfMV ?kaVs% 0$2

i'kq/ku QkeZ O;olk; dk mn~ns'; Nk=ksa dks okLro esa i'kqikyu ds lHkh i{kksa ls voxr djkuk gS rkfd os Lo;a i'kqvksa dk ikyu dj ldsaA Nk=ksa dks i'kq Áca/ku dk O;kogkfjd Áf'k{k.k Ánku djuk] ftlesa lQkbZ djuk] vkgkj f[kykuk] ikuh fiykuk] ltkuk] nw/k fudkyuk] nSfud ns[kHkky djuk] fjdkWMZ j[kuk] LoPNrk j[kuk] i'kqvksa dks i'kq x`gksa esa j[kuk] pkjs dk mRiknu] [kfut feJ.k rS;kj djuk] vkSj pkjs dk fdQk;rh mRiknu 'kkfey gSA xHkZorh i'kqvksa dh ns[kHkky] Álo dh ns[kHkky] uotkr vkSj f'k'kq i'kqvksa dh ns[kHkkyA czkW;yj] ys;j QkeZ vkSj gSpjh dk Áca/kuA

Áfr lIrkg] N% ?kaVksa dk iwjk ,d fnu iw.kZ :i ls i'kq QkeZ dkWEiysDl ds fy, j[kuk gksxk tgka Nk=ksa dks pØh; vk/kkj ij NksVs lewgksa esa foHkkftr djds muls okLro esa fofHkUu dk;Z] tSls nw/k nqguk] pkjk f[kykuk bR;kfn djkus gksaxsA

ÁSfDVdy Hkkx dh ijh{kk vkarfjd gksxhA i'kq QkeZ dkWEiysDl dh ijh{kk o"kZ esa nks ckj gksxh] vFkkZr~ ÁFke ÁSfDVdy ijh{kk 50 Áfr'kr ikB~;Øe iwjk gks tkus ds ckn gksxh vkSj nwljh ijh{kk ikB~;Øe iwjk gks tkus ij gksxh fdarq blesa iwjk flyscl 'kkfey fd;k tk,xkA okf"kZd O;kolkf;d ijh{kk ÁR;sd fo"k; esa 100 Áfr'kr ikB~;Øe iwjk gks tkus ds ckn vk;ksftr dh tk,xhA

ijh{kk ds fuEufyf[kr Hkkx gksaxs%

¼1½ nSfud xfrfof/k;ka

¼2½ fjdkWMZ cqd

¼3½ fyf[kr vkWCtsfDVo Á'u

¼4½ ekSf[kd ijh{kk] voLFkkvksa ds vuqlkj dksbZ vU; mi;qDr HkkxA

¼**xv**½ i'kq 'kY; fpfdRlk vkSj jsfM;k/kfeZrk

i'kq 'kY; fpfdRlk vkSj jsfM;k/kfeZrk ØsfMV ?kaVs% 2$1

F;ksjh

;wfuV&1 ¼i'kq lkekU; 'kY; fpfdRlk½

ifjp;% i'kq 'kY; fpfdRlk dk ,sfrgkfld ifjÁs{;] 'kY; fpfdRlk dk oxhZdj.k] gkYLVsM ds fl)karA vkWijs'ku ls iwoZ] vkWijs'ku ds nkSjku vkSj vkWijs'ku ds i'pkr~ dk;ksZa dk egÙo% fooj.k ntZ djuk] 'kkjhfjd tkap] fDyfudks&iSFkksykWftdy ijh{k.k] vkWijs'ku ds nkSjku vkSj vkWijs'ku ds i'pkr~ ns[kHkkyA

laosnukgj.k vkSj thok.kquk'ku% ifjHkk"kk] 'kY; fpfdRlk ds fy, thok.kquk'ku] thok.kquk'ku ds fofHkUu rjhds ¼rki] jlk;u vkSj fofdj.k] bR;kfn½A folaØe.kA

Vkads yxkuk% ifjHkk"kk] Vkadk yxkuk] Vkadk yxkus dks ÁHkkfor djus okys dkjd] Vkadk yxkus dh vkn'kZ lkexzh dh fo'ks"krk,a] Vkadk yxkus dh lkexzh ds Ádkj& vo'kks"kd vkSj xSj&vo'kks"kdA 'kY; fØ;kRed xkaBsa] Vkadksa ds fofHkUu iSVuZ & lh/kk ¼,iksft+'ku½] vanj ls ckgj ¼,oj'kZu½] myVk ¼buo'kZu½] vkSj fo'ks"k ¼Lis'ky½A

rh{.k vkSj fpjdkfyd 'kksFk dk mipkj% 'kksFkjks/kh vkS"kf/k;ksa vkSj ÁksfV;ksfyfVd ,Ut+kbeksa dk Á;ksxA gheksLVSfll ¼HkkSfrd vkSj jklk;fud fof/k;ka] flLVesfVd gheksLVSV] lftZdy Mk;kFkehZ½A

cqfu;knh 'kY; fpfdRlk vH;kl% ifjHkk"kk] oxhZdj.k] QksM+ksa] vcqZn] flLV] gfuZ;k] fgesVksek] vfLFk {k;] xSaxzhu] nkg vkSj tyu] 'khr na'k] rFkk isf'k;ksa] /kefu;ksa vkSj f'kjkvksa] lkbul rFkk uklwj dk 'kY; fØ;kRed mipkjA

?kko% ifjHkk"kk] oxhZdj.k] tkap vkSj funku] ,lSfIVd] nwf"kr vkSj lsfIVd ?kkoksa ds mipkj dk lkekU; fl)kar] ?kko Hkjuk vkSj ?kko Hkjus dks ÁHkkfor djus okys dkjd] ?kkoksa dh tfVyrk,a vkSj mudk mipkjA 'kY; fØ;k laca/kh laØe.k( muls cpko vkSj Áca/ku% laØe.k dk oxhZdj.k] tSo lkexzh dk ifjp;] ?kko Áca/ku esa LVSe lSy fpfdRlk dk Á;ksxA

'kY; fpfdRlk ds vk?kkr dk Áca/kuA nzo fpfdRlk ds fl)karA

;wfuV&2 ¼i'kq fpfdRlk laosnukgj.k½

ifjp;% laosnukgj.k foKku dk fodkl] 'kCnkoyh oxhZdj.k vkSj lwpukA laosnukgkjh dk lkekU; egÙo% laosnukgkjh dks ÁHkkfor djus okys dkjd vkSj laosnukgj.k rduhd dk pqukoA laosnukgkjh dh [kqjkd] forj.k vkSj fu"dklu dks ifjofrZr djus okys dkjd] jksxh dk ewY;kadu] 'kkjhfjd voLFkk ds vuqlkj jksfx;ksa dh Jsf.k;ka] laosnkgkjh ,tsaV dk pquko vkSj jksxh dh rS;kjhA i'kqvksa esa ihM+k dk Áca/kuA LFkkuh; vkSj {ks=h; laosnukgkjh% ifjHkk"kk] LFkkuh; laosnukgkjh] fØ;k Á.kkyh] vkS"kf/k nsus iwoZ rS;kjh dh ÁfØ;k] fofHkUu iwoZ&laosnukgkfj;ksa ds xq.k vkSj Á;skx% iwoZ&laosnukgkjh dk Á;ksx] dksyhu/keZjks/kh] volknd vkSj Á'kkard ¼fQuksFkk;t+hu ds ;kSfxd] csat+ksMk;ft+ikbu] C;wfVjksfQuksu] ukdksZfVd Á'kkard] vkYQk&2 ,xksfuLV] lHkh vkS"kf/k;ksa dh [kqjkd dk pkVZA



lkekU; laosnukgkjh% ifjHkk"kk] laosnukgkjh nsus dh fof/k] var%f'kjk laosnukgkjh ¼dqy var%f'kjk laosnukgkjh½] laosnukgkjh dk ekWuhVjuA

var%'olu laosnukgkjh% var%'olu laosnukgkjh ds ykHk] var%'olu laosnukgkjh ds Ádkj] muds xq.k vkSj fofHkUu Á.kkfy;ksa ij ÁHkko] var%'olu laosnukgkjh Áfo"V djkus dh fof/kA

fo?kVu'khy laosnukgkjh% ifjHkk"kk] vkS"kf/k] fDyfudy Á;ksx] xq.k vkSj 'kjhj dh fofHkUu Á.kkfy;ksa ij ÁHkkoA

i{kh] oU;] fpfM+;k?kjoklh] fons'kh vkSj Á;ksx'kkyk i'kqvksa ds laosnukgkjh vkSj dSIpj ek;ksiSFkhA

laosnukgkfj;ksa ls lacaf/kr vkikr~fLFkfr vkSj Áca/ku] fo"kkDrrk] Áfrfo"k ¼aVhMksV½ vkSj O;qRØeh ,tsaVA

;wfuV&3 ¼i'kq fpfdRlk uSnkfud ÁfrfcEcu rduhd½

fofdj.k fpfdRlk dk ifjp;& fofdj.k fpfdRlk dh lkekU; 'kCnkoyh] ,Dl&js fdj.kksa ds HkkSfrd xq.k] fofdj.k fpfdRlk dk foLrkj ,oa Á;ksx] i'kq fpfdRlk laca/kh fofdj.k fpfdRlk ds fy, funsZ'kukRed 'kCnkoyhA ,Dl fdj.kksa dk mRiknu vkSj ,Dl fdj.kksa dk mRiknu ÁHkkfor djus okys dkjdA fofdj.k fpfdRlk ds tksf[ke vkSj lqj{kk mik; & Ádhf.kZr fofdj.kA fofdj.k ds tSfod ÁHkko] ÁR;{k vkSj vÁR;{k ÁHkko] ÁkjafHkd vkSj foyafcr ÁHkkoA 'kjhj dh fofHkUu dksf'kdkvksa dh fofdj.k ds Áfr laosnu'khyrkA fofdj.k ds Áfr lqj{kkA fofdj.k lqj{kk ds lkekU; fl)kar] fofdj.k fuxjkuh midj.k] ,d vkn'kZ jsfM;ksxzkQh vuqHkkx dh vko';drkA Hkkjrh; ijek.kq ÅtkZ fofu;eu cksMZ ¼,bZvkjch½ ds vuqlkj fofdj.k laLFkku dh LFkkiuk ds fy, dkuwuh vko';drk,aA mÙke uSnkfud jsfM;kxzkQ dk mRiknuA Áfrfcac fjdkWMZ djuk& ,Dl js fQYeksa dh eSuqvy vkSj fMftVy Ákslsflax] HkaMkj.k ,oa iqu%ÁkfIr Á.kkyhA jsfM;ksxzkÝh xq.koÙkk ,oa nks"k& jsfM;kxzkQh dk fooj.k] ?kuRo ,oa foHksn rFkk mUgsa ÁHkkfor djus okys dkjd] jsfM;kxzkQh ds nks"k] muds lEHkkfor dkj.k ,oa cpkoA foHksnh jsfM;ksxzkQh& ifjHkk"kk] lalwpd] folaxfr ,oa foHksnh jsfM;ksxzkQh ds Ádkj] fofHkUu foHksnh lkexzh vkSj mldk Á;ksx] i'kqvksa esa dqN p;fur foHksnh jsfM;ksxzkQh dh rduhd ¼csfj;e LoSyks] jsVªksxzsM ;wjksxzkQh] bR;kfn½A uSnkfud vYVªklksuksxzkQh & fl)kar] lwpuk]

vYVªklksuksxzkQh dh rduhd vkSj f'kYikÑfrA mUur uSnkfud ÁfrfcEcu midj.k lk/ku& dqN mUur Áfrfcacu rduhdksa ds Á;ksx dk ifjp; ,oa lhek,aA e/;orhZ fofdj.k fpfdRlk & dSV LdSfuax] ,evkjvkbZ] bR;kfnA

;wfuV&4 ¼LFkkfud 'kY; fpfdRlk&1½

flj ,oa xzhok% gksBksa dk jksx] fonfjr rkyw] thHk] xky vkSj mudk mipkj% lkekU; 'kjhj jpukRed egÙo] gksB dk vyxko] fonfjr gksaB jSuqyk] fu;ksIykT+e vkSj vfHk?kkrt pksVA nkarksa vkSj tcM+s ds jksx vkSj mudk mipkj% lkekU; 'kjhj jpukRed egÙo] fodklkRed vlkekU;rk,a] nkrksa dk VkjVj] nkarksa ds jksx] vf/kd Å¡ps Ñard] foHkax vkSj tcM+s dk mrj tkukA ukd] psgjs] dku vkSj lhax ds jksx rFkk mudk mipkjA lkekU; 'kjhj jpukRed fo'ks"krk,aA czsdhflQsfyd flaMªkse] LVsuksfVd ukfldk] ukfldk ikWfyi] lkbul dk ,fi,ek] lhax dk fo[kaMu vkSj lhax dk dSalj] vkWjy ghesVksek] vksVkbfVlA vka[k ds jksx vkSj mudk mipkj% lkekU; 'kjhj jpukRed egÙo vkSj vka[k dh tkapA iydksa vkSj fufDVVsfVax f>Yyh ds jksx vkSj mudk mipkj% ,aVªksfi;u] ,DVªksfi;u] dSysft+;ksu] LVkbZ] yky vka[k vkSj pksV ds dkj.k gq, ?kkoA vJq xzafFk] us= xksyd vkSj us= xksyd jksx vkSj mudk mipkj% ufldk&vJq ufydk esa vojks/k] vk?kkrd ÁksIVksfll] iSukIFksfYe;k] vkWfcZVy fu;ksIykT+e] XykWdksek] us= ÑfeA dkWfuZ;k] vkbfjl] vkSj +ysUl ds jksx vkSj mudk mipkjA dkWfuZ;k ds vYlj] dkWfuZ;k dh +vikjnf'kZrk] fdjsVks datfDVokbfVl flDdk ¼dslh,l½] vkbfjl dk Hkza'k] dkWfuZ;y MekZbM] dkWfuZ;k esa fonkj.k vkSj fNnz.k] eksfr;kfcanA vkar dh FkkSfy;ksa] Hkkstu ufydk ds jksx vkSj mudk mipkj% lkekU; jpuk foKkuA vkarksa ds ,Eihek] fVEisukbfVl vkSj ekbdksfll] blksQsxy MkbofVdqye] esxkbZlksQsxl] ,dysfl;k vkSj lkal ?kqVukA flj vkSj xnZu ds jksx vkSj muds mipkj% lkekU; 'kjhj jpuk foKku] lsykbojh E;wdkslhy] lsykbojh fQLVqykA xnZu ds jksx vkSj mudk mipkj% lkekU; 'kjhj jpuk foKkuA ;ksd xkWy] ;ksd vcqZn] fQLVqyl fonlZ] iksy bfoy VkWfVZdksfylA ySfkjaDl vkSj Vªsfd;k ds jksx% Vªsfd;k dh foQyrk] LVsuksfll] ?kksM+ksa dh ngkM+] ?kksM+ksa vkSj Å¡Vksa esa e`nq rkyq dk i`"Bh; Qalko] Vsªfd;k ¼'okl okfgdk½ dk vkikr~dkyhu mPNsnuA us=ksa dh vkikr~fLFkfr;ksa dk Áca/kuA

+;wfuV&5 ¼LFkkfud 'kY; fpfdRlk&2½

o{k vkSj mnj% o{k ds jksx%

'kY; fØ;k }kjk mipkj] osf/kr t[e] ikbjksFksjsDl] U;weksFkksjsDl] U;wekslhyA eosf'k;ksa esa Mk;kÝke dk gfuZ;k vkSj vk?kkrh; isjhdkMkZbfVlA mnj ds jksx% i'kqvksa dh fofHkUu tkfr;ksa esa mnj dh 'kY; fpfdRlkA dqÙkksa ds vkek'k; ds 'kY;&fpfdRlh; jksx vkSj mudk mipkj% isV Qwyuk vkSj isV esa ejksM+] xSfLVªd vYlj] vkek'k; esa ckgjh lkexzh] ikbyksfjd LVsuksfll] bR;kfnA cM+s i'kqvksa esa 'kY;&fpfdRlh; jksx vkSj mudk mipkj% ÁFke vkek'k; ij ÁHkko] vk?kkrh; jsfVdqykbfVl] vkseksly vkSj ,cvkseksly ÁHkko vkSj ,cvkseksly foLFkkiuA NksVh vkarksa ds 'kY;fØ;kRed jksx vkSj mudk mipkj% vkarksa esa ck/kk] varosZ'ku vkSj vojks/ku ¼okWYoqyl½A vkarksa esa +,aVkLVkseksfll dh rduhdA cM+h vkarksa ds 'kY;fØ;kRed jksx vkSj mudk mipkjA lhdy Mk;ys'ku vkSj rukoA xqnk esa Hkza'k vkSj xqnk rFkk ewYkk/kkj dk QVuk] xqnk&;ksfu xzafFk'kksFkA xqnk vkSj ewyk/kkj {ks= esa 'kY; fpfdRlh; jksx vkSj mudk mipkj% ,Vªhfl;k&,uh] ,uy LVsuksfll] xqnk xzafFk ds jksxA mnj ds vU; 'kY; fpfdRlh; jksx vkSj mudk mipkj% mnj esa fNnzy t[e vkSj uklwj] xHkZuky dk gfuZ;k] osaVªy mnj dk gfuZ;k] o`"k.k] o`"k.k&dks'k dk gfuZ;k] isfjfu;y gfuZ;kA ew= Á.kkyh% ;wjksfyfFk,fll vkSj bldk Áca/kuA NksVh vkSj cM+h vkarksa dk ;wjksfyfFk,fllA isVsaV ;wjsdl] ,DVksfid ;wjsVjA ?kksM+ksa esa isVnnZ dk 'kY;&fpfdRlh; mipkjA fyax Á.kkyh% uj fyax Á.kkyh ds 'kY;&fpfdRlh;



jksx vkSj mudk mipkj% ÁksLVsfVd vio`f)] gkbijIysfl;k fu;ksIykT+e] fQeksfll] iSjkfQeksfll] fÁI;qfV;y ÁksySIl] fyax dk foPNsnuA NksVs vkSj cM+s i'kqvksa esa oa/;kdj.k] ulcanh] o`"k.kdks'k dk mPNsnuA eknk fyax Á.kkyh ds 'kY;&fpfdRlh; jksx vkSj mudk Áca/ku%

dqÙkksa esa lapkj.kh; ;kSu vcZqnA xHkkZ'k; dk mPNsnu vkSj lht+sfj;u lsD'kuA 'kY; fpfdRlh; jksxksa esa dBksj vkSj e`nq ,aMksLdksi dk Á;ksxA v/;koj.kh Á.kkyh% Fkuksa] dqapdksa vkSj dqÙkksa esa LruxzafFk fu;ksIykT+e ds 'kY; fpfdRlh; jksxA iwaN vkSj iwaN dkVus ds 'kY; fpfdRlk laca/kh jksxA oU; ;k fpfM+;k?kj ds i'kqvksa dh 'kY; fpfdRlk ¼dsoy tkx#drk½A

;wfuV&6 ¼vfLFk foKku vkSj yaxM+kiu½

yaxM+siu ¼kM+] vxys iSj vkSj fiNys iSj½ ds lEcU/k esa ?kksM+s ds 'kjhj dh vuq:irkA
yaxM+kiu% ifjHkk"kk] oxhZdj.k vkSj funkuA yaxM+siu dh fpfdRlk ds lkekU; rjhdsA
?kksM+ksa esa yaxM+siu ds laca/k esa 'kjhj vkSj iSjksa dh lekuq:irkA

?kksM+ksa esa yaxM+kiu% da/kk ljd tkuk ¼Lohuh½] f}'kk[kh cjLVkbfVl] vksekjFkjkbfVl] dSIM dksguh] jsfM;y i{kk?kkr] dkfÁfVl] ?kqVus esa eqM+ko vkSj ?kqVus esa >qdkoA ?kqVus dk gkbxzksek] [kqyk ?kqVuk] {kfrxzLr ?kqVukA dkÁy vfLFk dk foHkztu] lgk;d dkÁy vfLFk dk foHkatu] fMftVy vkapqfu;ksa ¼¶ysDljksa½ dk ladqpuA [kifPp;ka] fiaMyh esa lwtu] okr 'kksFk] lhlsekWbM vokbfjl vkWLVkWV] fjax vfLFk] fDoVj] lkbM dh vfLFk;ka] uSohdqyj jksx] fijkfeMy jksxA ySfeukbfVl] lSaM ØSd] iSjksa ds QVs gq, [kqj] rhljh vaxqY;fLFk dk foHkatu] ifnd vkWLVsfll vkSj iSjksa ds rys dk os/kuA uklwj] eq[kikd vkSj xks[k#] eaMs ekWfuZax jksx] jLlh ls cak/kuk] lksvkl dk ek;kslkbfVl] Jks.kh; f'kjkojks/k] Vkax dk i{kk?kkr] lSØksbfy,d tksM+ dk lcySDls'ku] xksy Luk;q dk vfLFk foHkatu] VªksdSafVªd cjlkbfVlA iVsyk dk Å/oZeq[kh fLFkjhdj.kA fLVªaxgkYV] xksukbfVl] iVsyk dk dk¡MªkseSysfl;k] VsaMks,fdyhl dk Hkax] isjkfu;l VsjfV;l dk foHkatu] QkbczksfVd ek;ksisFkh vkSj vfLFkdkjd ek;ksisFkhA FkkWjksfiu] ckWXk Lisfou] Lisfou] dcZ vkSj dSIM gkWdA

dqÙkksa esa yaxM+kiu% vardZ'ks#dh fMLd jksx] dksguh vkSj dwYgs dk fMLiysft+;k] Øwf'k,V Luk;q dk foHkatu] dksguh dk gkbxzksek] bR;kfn( mudk mipkj vkSj vksuhdSDVksehA

xkstkrh; i'kqvksa esa yaxM+kiu% ryh dh pksV] ryh esa QksM+s] lSfIVd ySfeukbfVl] [kqjksa dk fonkj.k] vkSj iVsyk dk lcyDls'ku] baVjfMftVy Qkbczksek] flLV] lSaM ØSd] vkSj [kqjksa esa fo:irkA

vfLFkHkax% ifjHkk"kk] oxhZdj.k] foHkax Bhd gksuk vkSj tfVyrk,aA

vfLFkHkax% ÁkFkfed ewY;kadu] vkSj vfLFkHkax dk mipkjA vfLFkHkax dks ckgj ls xfrghu cukus dh rduhdA

vfLFkHkax dks Hkhrj ls xfrghu cukus dh rduhdA vfLFkHkax dh tfVyrkvksa dk Áca/kuA

laf/kHkza'k% ifjHkk"kk] fpg~u] funkuA i'kqvksa esa lkekU; laf/kHkza'kksa dk mipkjA

es#naM ij vk?kkr] funku vkSj mipkjA

vfLFkjksx ls ihfM+r jksfx;ksa dk iquokZl vkSj HkkSfrd fpfdRlkA

ÁSfDVdy

;wfuV&1 ¼i'kq lkekU; 'kY; fpfdRlk½

vkWijs'ku fFk,Vj vkSj 'kY;fØ;k ;wfuV dh :ijs[kk dk ifjp;A 'kY; fpfdRlk ds lkekU; midj.kksa vkSj miLdjksa dk ifjp;A Vkads yxkus dh lkexzh] 'kY; fpfdRlk ds nkSjku xkaBs cka/kus vkSj flykbZ dh i)frA 'kY; fpfdRlk ds jksfx;ksa dh lkekU; tkapA jksfx;ksa dks 'kY; fpfdRlk ds fy, rS;kj djukA 'kY; fpfdRlk d{k ds vU; nSfud dk;Z tSls futhZohdj.k] vkWijs'ku d{k rS;kj djukA 'kY; fpfdRld vkSj 'kY; fpfdRlk iSdA iV~Vh cka/kuk vkSj t[eksa dh cqfu;knh ns[kHkkyA 'kY; fpfdRlk dk Án'kZu ¼;k vkWfM;ks fot+qvy lgk;dksa dk Á;ksx½] jDr lzko dk fu;a=.k] vkSj Vkads yxkukA

;wfuV&2 ¼i'kq fpfdRlk laosnukgj.k½

laosnukgj.k midj.kksa] ekuhVju miLdjksa vkSj lgk;d miLdjksa dk ifjp;A LFkkuh; var%L;anu ihM+kuk'ku ¼yhfu;j fjax CykWd] buofVZM fjax CykWd bR;kfn½A LFkkfud raf=dk CykWdksa dk Án'kZu vkSj vH;kl ¼vkWjhdqyksiSYisczy CykWd] ihVjlu CykWd ;k 4&ikWbaV jsVªkscqyj raf=dk CykWd] iSjkoVsZcjy] ,ihM~;wjy bR;kfn½A eosf'k;ksa esa var%f'kjk LFkkfud laosnukgj.kA NksVs vkSj cM+s i'kqvksa esa lkekU; laosnukgkjh dk Áos'k ¼Án'kZu ,oa vH;kl½A 'olu laosnukgkjh nsuk ¼Án'kZu½A lk/kkj.k laosnukgkjh dk ekWuhVjuA laosnukgj.k dh vkikr fLFkfr;ksa dk çcU/ku] —f=e 'olu;a=ksa vkSj lathodksa dk Á;ksxA oU; i'kq dsanz esa tkuk vFkok JO;&n`'; lgk;dksa dk Á;ksx vFkok nksuksa dk Á;ksxA

;wfuV&3 ¼i'kq fpfdRlk uSnkfud ÁfrfcEcu rduhd½

,Dl&js ;wfuV ds lapkyu ds ckjs esa tkudkjhA ,Dl&js ,Dlikst+j rduhd ds pkVZ rS;kj djukA lqj{kk mik; viukuk vkSj fQYe ÁkslSl djukA NksVs vkSj cM+s i'kqvksa ds 'kjhj ds fofHkUu vaxksa dks lgh fLFkfr esa j[kuk vkSj mudh jsfM;kxzkQh djukA jsfM;ksxzkQksa dks laHkkyuk] ns[kuk vkSj mudh O;k[;k djukA fQYeksa ds dkWUVªkLV] ?kuRo vkSj fooj.k] jsfM;kxzkQh ds lkekU; f'kYi dh tkudkjhA NksVs vkSj cM+s i'kqvksa ds flj] xnZu vkSj o{k dk jsfM;kxzkfQd jksxfoKkuA NksVs vkSj cM+s i'kqvksa ds mnj dk jsfM;kxzkfQd jksxfoKkuA NksVs vkSj cM+s i'kqvksa dh vfLFk;ksa vkSj tksM+ksa dk jsfM;kxzkfQd jksxfoKkuA i'kqvksa esa dkW.VªkLV jsfM;kxzkQh rduhdksa dk Án'kZuA i'kqvksa esa vYVªklksuksxzkQh dk Án'kZuA ¶yksjksLdksih ;k Áfrfcac rhozdkjh ¼dh tkudkjh½A



;wfuV&4 ¼LFkkfud 'kY; fpfdRlk&1½

n`';&JO; lgk;rk lkefxz;ksa dk Án'kZu& lhax dk foPNsnu vkSj muds fodkl dks jksdukA nkarksa dks jsruk vkSj nkarksa dh iifM+;ksa dks lkQ djukA dkuksa dh tkap ¼d.kZn'kZu½A vka[kksa dh tkap ¼lkekU; tkap] n`f"ViVy n'kZu] Loj ekiu] ¶yksjsflu jatd ijh{kk] 'ksfjej fV;j tkap] us=ghurk dh tkap½A Jo.k ghesVksek ds fy, 'kY; fpfdRlkA us=ksa dh lqj{kk vkSj iV~Vh cka/kuk] VkjlksjSQh] us=PNn dk rhljk vkPNn] ufldk&vJq ufydkA

+;wfuV&5 ¼LFkkfud 'kY; fpfdRlk&2½

n`';&JO; lgk;rk lkefxz;ksa dk Án'kZu& fDyfudy ekeyksa esa fofHkUu tkfr;ksa dk cf/k;kdj.k vkSj dqÙkksa dk tUe fu;a=.k dk;ZØeA dqÙkksa vkSj fcfYy;ksa esa xHkkZ'k; dk foPNsnuA dqÙkksa esa j~;weuksVkseh] xSLVªksVkseh] ;wjsFkzksVkseh ,oa ;wjsFkzksLVksehA flLVksVkseh ,oa flLVksjSQhA ,aVsjksVkseh ;k ,aVsjsDVksehA Fkuksa vkSj Fkukxz ds jksxksa dk mipkjA fDyfudy ekeyksa esa fofHkUu i'kqvksa dh iwaN dkVukA f'k'u&eqaMPNn vkSj eyk'k; Hkaz'k ds fy, ifjPNsnuA o{k&fNnzu vkSj mnj dk fNnzuA

;wfuV&6 ¼vfLFk foKku vkSj yaxM+kiu½

n`';&JO; lgk;rk lkefxz;ksa dk Án'kZu& fofHkUu vfLFk miLdjksa vkSj Ñf=e Hkkxksa ¼bEIykaV½ dk Án'kZuA NksVs vkSj cM+s i'kqvksa esa cqfu;knh fodykax foKku vkSj raf=dk laca/kh tkapA ?kksM+ksa ds raf=dk CykWdA i'kqvksa esa cqfu;knh HkkSfrd fpfdRlkA iSjksa ds fLFkjhdj.k dh cqfu;knh rduhd vkSj muesa [kifPp;ka cka/kus dh rduhdA NksVs vkSj cM+s i'kqvksa dks IykLVj p<+kukA i'kqvksa esa vkarfjd fLFkjhdj.k rduhdA xkSi'kqvksa esa iVsyj MsLeksVksehA i'kqvksa dh ran#Lrh dh tkap vkSj ran#Lrh Áek.ki= rS;kj djukA

okf"kZd ijh{kk

| isij F;ksjh | ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|---|
| isij&1 | 1]2]3 ,oa 4 | 100 | 20 |

| | | |
|---|---|---|
| isij&2 5 ,oa 6 | 100 | 20 |
| ÁSfDVdy | | |
| isij&1 1]2]3 ,oa 4 | 60 | 20 |
| isij&2 5 ,oa 6 | 60 | 20 |

¼**xvi**½ i'kq fpfdRlk vkS"kf/k foHkkx

i'kq fpfdRlk vkS"kf/k ØsfMV ?kaVs% 4$1

F;ksjh

;wfuV&1 ¼lkekU;½

i'kq vkS"kf/k dk bfrgkl vkSj foLrkj] i'kq jksxksa dh ladYiukA jksx funku] foHksnh; jksx&funku vkSj mipkj vkSj iwokZuqeku dh ladYiuk,aA lk/kkj.k nSfgd fLFkfr;ka] gkbijFkfeZ;k] gkbiksFkfeZ;k] Toj] lsfIVlhfe;k] VkWDlhfe;k] vk?kkr] ,ythZ] ,ukfQysfDl;k] vksMhek dksek] jDrkYirk] lkekU; fDyfudy fo"kkDrrk vkSj futZyhdj.kA

jksx] jksx dh i)fr] jksx ij fuxjkuh vkSj fu;a=.k] >qaM dk LokLF; vkSj laxjks/kA

;wfuV&2 ¼nSfgd jksx½

eosf'k;ksa] HkSalksa] HksM+] cdjh] ?kksM+s+] lqvj] dqÙks] fcYyh vkSj dqDdqVksa ds fuEufyf[kr jksxksa dk funku 'kkL=] fDyfudy vfHkO;fä] jksx&funku] foHksnh; jksx&funku] mipkj] fujks/k ,oa fu;a=.k% ikpu ra=] 'olu] g`n~laoguh] ew=] raf=dk] vfLFk&is'kh;] jDr fuekZ.k] vkSj ylhdk ra=] Ropk] laosnh vaxksa ds jksx] ftuesa mnjkoj.k] ;Ñr vkSj vXuk'; ds jksx Hkh 'kkfey gSaA

;wfuV&3 ¼p;kip;h vkSj U;wurk jksx½

vk;ju] dkWij] dksckYV] ftad] eSaxuht+] flysfu;e] dSfYl;e] QkWLQksjl] eSXusf'k;e] vk;ksMhu] foVkfeu ,] Mh] bZ] ch&dkWEiysDl] ds vkSj lh dh deh ls mRiUu gksus okys jksxksa dk funku vkSj mipkjA uotkr f'k'kqvksa ds jksx] i'kq jksx mipkj esa oSdfYid ;k lekdfyr ;k tkrh; i'kq fpfdRlkA eosf'k;ksa] HkSalksa] HksM+] cdjh] ?kksM+s+] lqvj] dqÙks] fcYyh vkSj dqDdqVksa ds p;kip;h ;k mRiknu vFkok var%lzkoh jksxksa dk jksxgsrq foKku] fDyfudy ÁdVhdj.k] funku] foHksnh funku] mipkj] fujks/k ,oa fu;a=.k] tSls nw/k Toj] ,sDySEifl;k] vkWfLV;ksfMLVªkWQh Qkbczkslk] ySDVs'ku fVVsuh] Mkmuj xk; flaMªkse] dhVksfll] QSV xk; flaMªkse] gkbikseSXuhlhek] iks"k.k gheksXyksfcuqfj;k] vt+ksV~;wfj;k] MkbiksFkkbjks;fMT+e] dqf'kax flaMªkse] ,Mhlu jksx vkSj xkmVA



;wfuV&4 ¼fpfM+;k?kj ds i'kqvksa vkSj oU; i'kqvksa dh fpfdRlk½

fpfM+;k?kj dh LoPNrk ds fl)kar] fpfM+;k?kj esa mRiUu gksus okyh lkoZtfud LokLF; leL;k,aA fons'kh if{k;ksa lfgr fpfM+;k?kj ds i'kqvksa vkSj oU; i'kqvksa esa gksus okys laØked] ijthoh] iks"k.k vkSj p;kip;h jksxksa dk fujks/k] fu;a=.k vkSj mipkjA fpfM+;k?kj vkSj oU; i'kqvksa ls lacaf/kr vf/kfu;e vkSj fu;eA oU; ,oa fpfM+;k?kj ds i'kqvksa ls ijLij lacaf/kr jk"Vªh; vkSj varjkZ"Vªh; laxBu vkSj laLFkku & Hkwfedk vkSj dk;ZA

;wfuV&5 ¼thok.kq] dod vkSj fjdsVfl;y jksx½

dqDdqVksa ds thok.kq] dod vkSj fjdsVfl;y jksxksa dk jksxgsrq foKku] tkuifnd jksx foKku] fDyfudy vfHkO;fDr] funku] mipkj] fujks/k vkSj fu;a=.k% ekLVhfVl] jälzkoh lsIVhlhfe;k] czwlsyksfll] risfnd] tkWUl jksx] fyLVsfjvksfll] ysIVksLikbjksfll] dSEihykscsDVhfj;ksfll] ,DVhuksekbdksfll] ,DVhukscsflyksfll] ckWMsZVsyksfll] XySaMlZ] LVªsaXyhl] vYljsfVo fyEQSafxVhl] dksyhcSflyksfll] eqfxZ;ksa dk VkW;QkWbM] iqyksje jksx] eqfxZ;ksa dk gStk]

if{k;ksa esa gksus okyk ekbdksIykT+eksfll] LikbjksdhVksfll] lkYeksusyksfll] lqvjksa esa gksus okyk ,jhflisyl] laØked dSijkbu IY;wjksU;weksfu;k] xkS i'kqvksa esa gksus okyk laØked IY;wjksU;weksfu;k] ,aFkzSDl] DykWfLVªfM;y laØe.k] ,gj~fyfd;ksfll] DysfeMksfll] D;w Toj] ,ukIykT+eksfll] MeZsVksfQyksfll] ,LiftZyksfll] dSafMfM,fll] fgLVksIykT+eksfll] LiksjksVªkbdksfll] dkWDlhfM;ksMksekbdksfll] ekbdksVkWDlhdksfll vkSj jkbuksLiksfjfM;ksfllA

;wfuV&6 ¼fo"kk.kq ,oa ijthoh jksx½

eosf'k;ksa] HkSalksa] HksM+] cdjh] ?kksM+s] lqvj] dqÙks] fcYyh vkSj dqDdqVksa ds fo"kk.kq vkSj ijthoh jksxksa dk jksxgsrq foKku] tkuifnd jksx foKku] fDyfudy vfHkO;fDr] funku] mipkj] fujks/k vkSj fu;a=.k% iSj vkSj eq[k ds jksx] fjaMjisLV] xkstkrh; i'kqvksa dk fo"kk.kqt vfrlkj] nqnZe 'ys"eklzkoh Toj] laØked cksokbu jhuksVªSdhfVl] vYidkfyd Toj] uhyh thHk] HksM+ dk pspd] cdjh dk pspd] ihihvkj] Dykfldy Lokbu Toj] jscht+] v'oh; bU¶yq,at+k] v'oh; laØked jDrkYirk] v'oh; jkbuksU;weksukbVht+] dSukbu fMLVsEij] dqÙkksa dks gksus okyk laØked ihfy;k jksx] ikoksZokbjy jksx] dksjksuk fo"kk.kq laØe.k] ,Mhuks ok;jl laØe.k] fcfYy;ksa dks gksus okyk jkbuksVªsdhVhl] fcfYy;ksa dks gksus okyk iSu Y;wdksihfu;k] fcfYy;ksa dks gksus okyk laØked isjhVksukbfVl] i{khtU; bU¶yq,Ut+k] U;w dkly jksx] ekjsd jksx] i{kh Y;wdksfll] laØked 'okl ufydk 'kksFk] laØked ySfjatksVªSfdVhl] i{khtU; ,fUlQSyksekbfyVhl] eqxZ fj;ks ok;jl] eqxZ pspd] laØked cjly jksx] eqxZ laØked jDrkYirk] buDywt+u ckWMh fgisVkbfVl&MkbMªksisjhdkfMZ;e flaMªkse] oSf'od egÙo ds vU; fodkleku vkSj fons'kxr fo"kk.kqtfur jksxA

;wfuV&7 ¼U;k;'kkL=] vkpkj vkSj i'kq dY;k.k ½

i'kq fpfdRldksa ds dkuwuh dÙkZO;A vkS"kf/k;ksa ls lacaf/kr dkuwu] lk{;] i'kqvksa ds Áfr gksus okys lkekU; vijk/k vkSj bu vijk/kksa ls lacaf/kr dkuwuA vijkf/kd ekeyksa esa thfor vkSj e`r i'kqvksa dh tkapA i'kqvksa ij vR;kpkj vkSj ik'kfodrkA i'kqvksa dh ran#Lrh] ?kkoksa dh tkap vkSj iksLV&ekVZe ijh{kk ds dkuwuh i{kA i'kqvksa dh vkdfLed e`R;q ds dkj.kA jklk;fud ijh{k.k] /kks[kk/kM+h dk irk yxkus] fooj.k esa Qsjcny djus rFkk cktkj esa cspus bR;kfn ds fy, lkexzh dk ladyu vkSj Ás"k.kA eosf'k;ksa dk o/k vkSj vnkyr esa lk{; ÁLrqr djus dh ÁfØ;kA i'kqvksa ls lacaf/kr dsanzh; vkSj Áknsf'kd vf/kfu;eA XySaMlZ ,oa Qkjlh vf/kfu;e 1899 ¼1899 dk 33½A Mksjhu vf/kfu;e 1910 ¼1910 dk 5½A lkoZtfud LokLF; dks gkfu igqapkus okys vijk/kksa ds fy, dkuwuA fo"k vkSj vkS"kf/k;ksa ds vifeJ.k ls lacaf/kr dkuwuA eos'kh vk;kr vf/kfu;e] nkf;Ro ,oa chekA i'kq fpfdRldksa ds fy, vkpkj lafgrk vkSj uSfrdrk& Hkkjrh; i'kq fpfdRlk ifj"kn~ vf/kfu;e] 1984 ds varxZr fufeZr fofu;eA

i'kq dY;k.k laxBu vkSj i'kq dY;k.k esa mudh Hkwfedk] i'kq dY;k.k dk ewY;kadu] O;ogkj ,oa i'kq dY;k.kA i'kq dY;k.k ds fl)kar vkSj n'kZu] i'kq dY;k.k dh uSfrdrk] dkuwuksa ,oa ÁksRlkguksa ds ek/;e ls i'kq dY;k.kA i'kq dY;k.k ds 'kkjhfjd] O;kogkfjd] jksx ,oa mRiknu mik;ksa dk ewY;kadu] i'kq dY;k.k dks O;ogkj esa viukus dk ewY;kadu] i;kZoj.k le`f)] lq[ke`R;q] f'k{kk ,oa vuqla/kku esa Á;ksx gksus okys i'kqvksa dk dY;k.k rFkk ifjogu] /keZ ,oa i'kq dY;k.k] ekuo ,oa i'kq dY;k.k erHksn] i'kq fpfdRlk esa nq?kZVuk dk Áca/ku] ekuo&i'kq lEidZ] vFkZO;oLFkk ,oa i'kq dY;k.k rFkk i'kq dY;k.k f'k{kdksa ds :i esa i'kq fpfdRldA

ÁSfDVdy

;wfuV&1 ¼lkekU;½

fooj.k dk ladyu vkSj lkekU; fDyfudy tkapA fDyfudy ekeyksa ds uewuksa dk ladyu] ifjj{k.k] iSfdax vkSj Ás"k.kA i'kqvksa esa uSlksxSfLVªd vkSj vksjksxSfLVªd Å"ek;uA i'kq fpfdRlk esa vkWDlhtu fpfdRlkA mnj vkSj isjhVksfu;y /kkouA ÁefLr"des# nzo dk ladyu vkSj ijh{k.kA

;wfuV&2 ¼nSfgd jksx½

g`n~/keuh Á.kkyh dh fo'ks"k ijh{kkA ew= Á.kkyh dh ijh{kkA 'olu Á.kkyh dh fo'ks"k ijh{kkA ikpura= dh fo'ks"k ijh{kkA bZlhth] bZdksdkfMZ;ksxzkQh] vYVªklksuksxzkQh] ,aMksLdksihA laosnh vaxksa dh fo'ks"k ijh{kkA vka[kksa vkSj dkuksa dh tkapA isfjVksfu;y nzo dk laxzg.k ,oa ijh{k.kA isfjVksfu;y Mk;fyfllA i'kqvksa dk raf=dk foKkuh ijh{k.kA yfldk xzafFk dh ck;ksIlh vkSj vfLFk eTtk dk pw"k.kA vkS"kf/k nsus dh fof/kA jksxksa dk vuqekuuA



;wfuV&3 ¼fpfM+;k?kj ds i'kqvksa vkSj oU; i'kqvksa dh fpfdRlk½

fpfM+;k?kj ds i'kqvksa vkSj fons'kh i'kqvksa dk Áca/ku vkSj mUgsa dkcw djukA fpfM+;k?kj ds i'kqvksa vkSj oU; i'kqvksa dks vkS"kf/k nsus dk rjhdkA i'kq fpfdRlk&dkuwuh ekeyksa dh ijh{kkA

;wfuV&4 ¼thok.kq] dod vkSj fjdsVfl;y jksx½

i'kqvksa esa Vhch] tsMh vkSj eSysa ijh{k.kA i'kqvksa esa czqlsyksfll ijh{k.kA eSfLVfVl dk irk yxkus ds fy, HkkSfrd vkSj jklk;fud ijh{k.kA jksxksa ds funku ds fy, fDyfudy uewuksa dh ijekf.od vkSj lhje foKkuh rduhdksa dk Á;ksxA laØked jksxksa ds fy, iSu&lkbM funku ijh{k.kA jksxksa ds Ádksi ds vUos"k.k vkSj blds fu;a=.k dh O;kogkfjd i)fr;kaA

;wfuV&5 ¼fo"kk.kq ,oa ijthoh jksx½

Ropk dh [kqjpuksa dk ladyu vkSj ijh{k.k& ijthoh] dodh;] thokf.odA ijthfo;ksa ds fy, jDr dh ijh{kkA MkdZ QhYM ekbØksLdksihA fo"kk.kq vkSj ijthfo;ksa ls gksus okys jksxksa ds fy, ijekf.od vkSj lhje foKkuh rduhdksa dk Á;ksxA

okf"kZd ijh{kk

| isij ;wfuV | vf/kdre vad | Hkkfjrk |
|---|---|---|
| F;ksjh | | |
| isij&1 1] 2] 3 ,oa 4 | 100 | 20 |
| isij&2 5] 6 ,oa 7 | 100 | 20 |
| ÁSfDVdy | | |
| isij&1 1]2 ,oa 3 | 60 | 20 |
| isij&2 4 ,oa 5 | 60 | 20 |

¼**xvii**½ i'kq eknk jksx foKku ,oa Álwfr foKku foHkkx

i'kq eknk jksx foKku ,oa Álwfr foKku ØsfMV ?kaVs 2$1

F;ksjh

;wfuV&1 ¼i'kq eknk jksx foKku½

xkSi'kq% eknk i'kqvksa ds Átuu ekxZ dk vuqÁ;qDr 'kjhj jpuk foKku vkSj Hkzw.k foKku& eknk i'kqvksa ds Átuu ekxZ dh vkuqoaf'kd vkSj tUetkr folaxfr;kaA ;kSou vkSj ySafxd ifjiDork rFkk mudk var%lzkoh fu;a=.k & foyafcr ifjiDork &blds dkj.k] fDyfud n`f"Vdks.k] mipkj vkSj foyafcr ifjiDork dk fujks/k& vuqÁ;qDr Átuu 'kjhj foKku vkSj dkeksUekn pØ dh var%lzkfodk & dkeksUekn pØ vkSj dkeksUekn pØ dh vof/k ÁHkkfor djus okys dkjdA dkeksUekn pØ esa vlkekU;rk vkSj mudk fDyfudy Áca/ku rFkk dkeksUekn pØ dk irk yxkus esa leL;k,a rFkk dkeksUekn pØ dh igpku ds y{k.k& ifjogu vkSj eknk Átuu ekxZ esa ;qXed dh mÙkjthfork & dwfidk dh xfrdh vkSj Átuu esa lq/kkj ij bldk fDyfudy ÁHkkoA vaMksRlxZ vkSj vaMksRlxZ esa vlkekU;rk & O;kidrk] dkj.k] funku] mipkj vkSj vaMksRlxZ esa vlQyrk dk fujks/k & fu"kspu vkSj fu"kspu esa folaxfr & fu"kspu esa vlQyrk& Hkzw.k dh e`R;q & O;kidrk dkj.k] funku] mipkj vkSj fujks/k & vaMk'k; ds jksx] xHkkZ'k; dh ufydk] xHkkZ'k;] xzhok] ;ksfu vkSj

ckgjh tuukax&laØked Átuu {kerk ds fof'k"V vkSj xSj&fof'k"V :iksa dk Áca/ku & Átuu {kerk esa iks"k.k] tyok;q vkSj ruko dh Hkwfedk & cka>iu ds mipkj&;ksX; dkj.k& dkeksUekn vkSj iqujko`fÙk Átuu flaMªkse] cka>iu ds vUos"k.k ds uSnkfud ÁØe& cka>iu ds mipkj esa gkWeksZuksa vkSj vkS"kf/k;ksa dk fDyfudy Á;ksx& eknk iztuu ekxZ dh vlekU;rkvksa dks nwj djus dh 'kY; ÁfØ;kA lewg ds Átuu LokLF; dk Áca/ku rFkk vyx&vyx i'kqvksa esa vkSj i'kqvksa ds >qaM esa Átuu ds iSjkehVjA

lgk;d Átuu rduhd% dkeksUekn vkSj vaMksRlxZ ds chp ledkyhurk vkSj bldk fl)kar] i)fr vkSj ÁHkko & ,d ls vf/kd vaMksRlxZ gksuk vkSj Hkzw.k ds LFkkukarj.k dh rduhd & Ñf=e ifjos'k esa fu"kspuA

?kksM+s% dkeksUekn pØ& ekSle] Átuu Áca/ku& dkeksUekn pØ vkSj vaMksRlxZ esa folaxfr& xHkkZoLFkk ds funku dh rduhd& laØked Átuu {kerk ds fof'k"V vkSj xSj&fof'k"V :iksa dk Áca/ku & cka>iu ds vUos"k.k ds uSnkfud ÁØeA

HksM+ ¼vksokbu½ vkSj cdfj;ksa ¼dSÁkbu½% dkeksUekn pØ& ekSle dk izHkko] dkeksUekn pØ vkSj cka>iu dk fu;a=.kA

lqvj% dkeksUekn pØ& Átuu Áca/ku& xHkkZoLFkk vkSj cka>iu ds funku dh rduhdA

dqÙks vkSj fcfYy;ka% dkeksUekn pØ& Átuu Áca/ku& vkHkklh xHkkZoLFkk& xHkkZoLFkk dh fpfdRlk }kjk lekfIr & dkeksUekn pØ vkSj vaMksRlxZ esa folaxfr] vaMk'k;] xHkkZ'k; ufydk] xHkkZ'k;] xHkkZ'k; xzhok] ;ksfu vkSj ckgjh tuukaxksa ds jksxksa dh vkS"k/kh; vkSj 'kY; fpfdRlkA vkS"k/kh; vkSj 'kY; fpfdRlk rduhdksa }kjk tula[;k fu;a=.k ds rjhdsA ÅaVksa esa rqyukRed Átuu dh ?kVuk,aA QkeZ vkSj ikyrw i'kqvksa ds Átuu ds fl)kar] ÁØe vkSj vYVªklksuksxzkQh dk Á;ksxA



;wfuV&2 ¼i'kq Álwfr foKku½

QkeZ vkSj ikyrw i'kq & xHkkZoLFkk ekr`d igpku& xHkkZoLFkk dh vuqÁ;qDr var%lzkfodk & xHkkZoLFk dk funku& xHkkZoLFkk dh vof/k& xHkZdky dks ÁHkkfor djus okys dkjd & xHkZLFk i'kqvksa dh ns[kHkky vkSj Áca/ku& vkjksi.k] xHkZuky & oxhZdj.k] dk;Z &vaMs dk Hkze.k & Vsyhxksuh& lqijfQVs'ku vkSj lqijfQdaMs'ku ¼nwljs vaMs dk fu"kspu½& xHkZikr ds fof'k"V vkSj xSj&fof'k"V dkj.kksa dk fDyfudy Áca/ku] xHkkZ'k; ls ckgj xHkkZoLFkk] Hkzw.k f>Yyh vkSj Hkzw.k dk tyksnj] 'ko&ifjj{k.k] nqcZyhdj.k] xzhok&;ksfu Hkaz'k] xHkkZ'k; esa ,saBu vkSj fgLVsjkslhyA Álwfr& Álwfr dk le; vkus ds ladsr& Álwfr dh voLFkk,a& Álwfr dk vkjaHk & nqX/klzo.k esa nks"k & lwfrdkoLFkk vkSj lwfrdkoLFkk dk ÁHkkfor djus okys dkjd& QkeZ vkSj ikyrw i'kqvksa dh fofHkUu tkfr;ksa esa eknk i'kq vkSj uotkr f'k'kq dh ÁloksÙkj ns[kHkky& fMLVksfl;k& oxhZdj.k] fpfdRlh; ladsr vkSj funku& Hkzw.k vkSj eknk fMLVksfl;k dh ns[kHkky& Álwfr esa gLr{ksi & mRifjorZu& tcjnLrh fu"d"kZ.k& fQVksVkWeh & NksVs vkSj cM+s i'kqvksa esa lht+sfj;u lsD'ku & eknk Álwfr i{kk?kkr & Hkzw.k f>Yyh dk /kkj.k] dqy xHkkZ'k; dk Hkza'k vkSj Álo vof/k ds lkekU; p;kip;h jksx& ÁloksÙkj jDrlzko & xHkZuky ds LFkyksa dh tfVyrk& Álo ds nkSjku ?kko& Álo ds i'pkr~ xHkkZ'k; esa laØe.k & Álo ds i'pkr~ vaMk'k; dh lfØ;rk dk iqujkjaHkA

;wfuV&3 ¼i'kq ,.MªksykWth vkSj Átuu rduhdsa½

QkeZ vkSj ikyrw i'kq& rqyukRed fDyfudy Átuu 'kjhj jpuk rFkk uj Átuu dh var%lzkfodkA uj Átuu ekxZ ds lkekU; tUetkr vkSj vkuqoaf'kd nks"k& ;kSoukjaHk vkSj ySafxd ifjiDork rFkk mUgsa ÁHkkfor djus okys dkjd& ;kSu O;ogkj vkSj dkesPNk& 'kqØ dk viogu vkSj f'k'u mRFkkiu rFkk oh;Z dk L[kyu& uj i'kqvksa esa eSFkqu ds nkSjku pksV vkSj {kfr& oh;Z vkSj L[kyu &oh;Z ladyu dh rduhd & 'kqØk.kq dh lajpuk & oh;Z dk ewY;kadu& oh;Z dk Hkjko] ruqdj.k] ifjj{k.k vkSj fi?kykus ds ckn ewY;kaduA QkeZ vkSj ikyrw i'kqvksa esa Ñf=e fu"kspu dh rduhd& uj oU/k;rk ds :i] bEiksVsfu;k dks,aMh rFkk bEiksVsfu;k tsujsaMhA vaMdks"k]

'kqØ xzafFk] lgk;d fyax xzafFk;ksa] fyax vkSj f'k'ueqaMPN ds jksx & lkaM dh Átuu ran#Lrh dk ewY;akduA uj moZjrk ds ewY;kadu ds fy, bu foVªks ijh{k.k & tula[;k fu;a=.k ds fy, uj Átuu dh fpfdRlh; vkSj 'kY; rduhdsaA QkeZ vkSj ikyrw i'kqvksa esa uj Átuu ekxZ dh 'kY; ÁfØ;kA

ÁSfDVdy

;wfuV&1 ¼i'kq eknk jksx foKku½

cwpM+[kkus ds i'kqvksa dk Á;ksx djds eknk tuuaxksa dk v/;;uA dkeksUekn dks igpkuus ds lgk;d mik;& eknk Átuu ekxZ ds xqnk ekxZ dh Li'kZ tkap dh rduhd& eknk foKku laca/kh midj.k vkSj ;a= & ;ksfu dk vii.khZ dksf'kdk foKku vkSj ;ksfu n'kZuA eknk Átuu ekxZ dh vYVªklksuksxzkQh & ;ksfueq[k] ;ksfu vkSj xHkkZ'k; dh 'kY; fØ;k dh ÁfØ;k & eknk Átuu ekxZ ds jksxkRed uewuksa dk v/;;uA vaMk'k;&xHkkZ'k;ksPNsnu rFkk vaMk'k; ufydk] xHkkZ'k; xzhok rFkk yfldk xzafFk;ksa dk 'kY; fØ;k }kjk mPNsnu& eknk i'kqvksa esa vuqoZjrk ds vUos"k.k dh uSnkfud ÁfØ;kA

;wfuV&2 ¼i'kq Álwfr foKku½

Jksf.k vkSj Jksf.kfefr dk v/;;u& xHkkZoLFkk dk funku& ?kjsyw vkSj ikyrw i'kqvksa dh Hkzw.k f>Yyh dk v/;;uA Hkzw.k dh lkekU; vkSj vlkekU; f>Yyh dh igpku& Álo dk le; vkus ds ladsr& çlo dh voLFkk,a & Álo ds rjhds & Álwfr gsrq laosnukgj.k & Álo midj.k vkSj ;a= & vkHkklh xHkkZoLFkk esa Hkzw.k ds dqÁn'kZu dk rjhdk & fMLVksfl;k ds eknk laca/kh dkj.k vkSj mudk Áca/ku& 'koksa esa ls Hkzw.k dk fu"d"kZ.k] fpeVs ls Álo dk Án'kZu rFkk cM+s vkSj NksVs i'kqvksa ds fDyfudy ekeyksa esa lht+sfj;u lsD'ku dk Án'kZuA tuukaxksa ds Hkza'k dk mipkjA

;wfuV&3 ¼i'kq ,a.MªksykWth vkSj Átuu rduhdsa½

cwpM+[kkus ds i'kqvksa dk Á;ksx djds uj tuuaxksa dk v/;;u& eknk Átuu ekxZ ds xqnk ekxZ dh Li'kZ tkap dh rduhd& ,a.MªksykWth vkSj ,vkbZ midj.k& ulcanh vkSj oa/;kdj.k&fyax] f'k'ueqaMPNn vkSj vaMdks"k dh 'kY; ÁfØ;k& ,vkbZ lsaVj dk fu;kstu ,oa O;oLFkkiu& Vht+j i'kq rS;kj djuk& Átuu dk;Z ds fy, Á;qDr gksus okys uj i'kq dk p;u] ns[kHkky] Áf'k{k.k ,oa j[kj[kkoA oh;Z ladyu dh rduhd& oh;Z ds ewY;akdu dh rduhd& oa/;hdj.k] oh;Z ladyu vkSj Ñf=e fu"kspu ds fy, Á;ksx gksus okys miLdjksa dk HkaMkj.k& ,DlVsaMlZ rS;kj djuk vkSj oh;Z dks HkjukA oh;Z dk ifjj{k.k& oh;Z dks fi?kykuk vkSj ,vkbZ&gSaMfyax dh rduhd rFkk ,y,u2 ik=ksa dk j[kj[kkoA uj i'kvksa esa vuqoZjrk ds vUos"k.k dh funku ÁfØ;k& lkaMksa dh Átuu ran#Lrh dk ewY;kadu& dkeksUekn ds rqY;dkyu dh ÁfØ;k& ,d ls vf/kd vaMksa dh mRifÙk rFkk Hkzw.k dk gLrkarj.k& LoLFkkus fu"kspuA

okf"kZd ijh{kk

| isij | ;wfuV | vf/kdre vad | Hkkfjrk | | |
|---|---|---|---|---|---|
| F;ksjh | | | | | |
| isij&1 | 1 | 100 | 20 | | |
| isij&2 | 2 ,oa 3 | 100 | 20 | | |
| ÁSfDVdy | | | | | |
| isij&1 | 1 | | | 60 | 20 |
| isij&2 | 2 ,oa 3 | | | 60 | 20 |



Hkkx & **VI**

22- i'kq fpfdRlk f'k{kk ds U;wure Lrj

**(**1)i'kq fpfdRlk egkfo|ky;ksa esa Áfro"kZ 80 Nk=ksa ds Áos'k ds fy, i'kq fpfdRlk f'k{kk ds U;wure Lrj bl Ádkj gksaxs%&

ÁR;sd i'kq fpfdRlk dkWyst esa fuEufyf[kr l=g foHkkx gksaxs ftudk Áz'kkldh; fu;a=.k ladk;k/;{k ;k fÁafliy vFkok lgk;d ladk;k/;{k ds v/khu gksxkA ;fn fdlh {ks= esa {ks=h; egÙo ds vuqlkj dqDdqV foKku ;k oU; foKku vFkok ;fn dksbZ vU; foHkkx ekStwn gks rks] ogka rks ogka de&ls&de rhu v/;kid vkSj ,d ÁksQslj ekStwn gksus pkfg,] tks bl Ádkj gSa%

¼1½ i'kq 'kjhj&jpuk foKku

¼2½ i'kq 'kjhj fØ;k foKku vkSj tSo jlk;u foKku

¼3½ i'kq/ku mRiknu Áca/ku

¼4½ i'kq lw{ethoh foKku

¼5½ i'kq fo—fr foKku

¼6½ i'kq vkuqoaf'kdh vkSj çtuu

¼7½ i'kq iks"k.k

¼8½ i'kq vkS"k/k foKku vkSj fo"k foKku

¼9½ i'kq yksd LokLF; vkSj egkekjh foKku

¼10 i'kq ijthoh foKku

½ i'kq mRikn çkS|ksfxdh

¼11 i'kq fpfdaRlk vkSj i'kqikyu foLrkj f'k{kk

½ i'kq fpfdRlk fDyfudy ÁSfDVl

¼12 ykbo LVkWd QkeZ ÁSfDVl

½ i'kq 'kY; fpfdRlk vkSj fofdj.k&fpfdRlk

¼13 i'kq vkS"kf/k

½ i'kq eknk jksx foKku ,oa çlwfr foKku

¼14 çR;sd i'kq fpfdRlk dkyst ds ikl fofHkUu foHkkxksa ds lapkyu vkSj QkeZ vkSj pkjk mRiknu {ks= ds fy, Lo;a viuh bekjr gksuh pkfg, tks de&ls&de 30 ,dM+ Hkwfe esa gksuh pkfg,] rFkkfi

½ igkM+h bykdksa ds fy, de&ls&de 25 ,dM+ Hkwfe dh vko';drk gksxhA

¼15 i'kq fpfdRlk fDyfudy dkWEiysDl esa Hkyh&Hkkafr lqlfTtr ckájksxh vkSj varjax jksxh

½ vuqHkkx ¼dqÙkksa lfgr½ rFkk xzkgd vkokl lqfo/kk,a gksaxhA dkWEiysDl esa fpfdRlk]

¼16 'kY;&fpfdRlk] eknk jksx foKku] uSnkfud vkSj py fDyfudy vuqHkkx gksaxsA i'kq/ku QkeZ dkWEiysDl esa eos'kh ;wfuV vkSj i'kq/ku rFkk i'kqvksa dh fofHkUu tkfr;ksa ds fy, eos'kh

½ ;wfuV rFkk cqfu;knh lqfo/kk,a] fDyfudy vkSj iSjk&fDyfudy v/;kiu ds ;wfuV] mRiknu u djus

¼17 okys i'kqvksa ds ;wfuV] vuqj{k.k dk cqfu;knh <kapk] vkgkj vkSj pkjs ds HkaMkj.k dh

½ lqfo/kk,a gksaxh vkSj pkjs dk mRiknu {ks= gksxkA JO;&n`'; ÁkstsD'ku Á.kkyh ls lqlfTtr ikap

¼2½ ysDpj d{kA

¼3½ eYVhehfM;k ÁkstsD'ku flLVe lfgr ,d lEesyu d{k

¼4 fMfLVys'ku ;k Mhvk;ksukbt+j IykaV

½ lHkh lqfo/kkvksa lfgr QksVksxzkQh ;wfuV

¼5 dsanzh; ;a=hdj.k lqfo/kk,a ¼lhvkbZ,Q½

½ [illegible]

¼1 Mhu ;k fçafliy ;k lg;qDr Mhu ds fy, dk;kZy; d{k ftlesa layXu çlk/ku d{k vkSj foJke d{k
½ Hkh gksa] vH;kxr d{k
¼2 ÁkstsDVjksa lfgr lfefr d{k
½ f'k{kk] ys[kk vkSj laLFkkiuk vuqHkkxksa ds dk;kZy; deZpkfj;ksa ds fy, dk;kZy; d{k
¼3 dsanzh; HkaMkj d{k
½ layXu çlk/ku lqfo/kkvksa lfgr ,d vyx deZpkjh d{k
¼4 vH;kxrksa vkSj dk;kZy; deZpkfj;ksa ds fy, çlk/ku lqfo/kk,a
½ fjdkWMZ d{k
¼5 Vad.k] vuqfyfidj.k vkSj QksVks&çfrfyfidj.k lqfo/kk,a - - …
½ dSUVhu
¼6 okpuky; lfgr iqLrdky; tgka deZpkfj;ksa vkSj Nk=ksa ds cSBus dh i;kZIr O;oLFkk gks
½ ,d lEesyu d{k tgka –'; çn'kZuksa vkSj çkstsDVjksa dh lqfo/kk gks
¼7 pkj O;k[;ku d{k] ftuesa çR;sd esa JO;&–'; lk/kuksa dh lqfo/kk lfgr
½ Nk=ksa ds cSBus dk LFkku gksA
¼8 ijh{kk d{k
½ çlk/ku d{k ¼iq#"k vkSj efgyk½
¼9 is; ty lqfo/kk,a
½ dkyst Jksrk d{k
¼1 [ksy vkSj ØhM+k dh lqfo/kkvksa lfgr [ksy ds eSnku] ftuesa varjax [ksy lqfo/kk,a 'kkfey
0½ gksa
¼1 yM+ds vkSj yM+fd;ksa ds fy, ¼ftuesa bUVuZ Hkh 'kkfey gaS½ Nk=kokl ftuesa dkWeu
1½ :e] Hkkstu d{k bR;kfn gks dsUnh; dE;wVj ç;ksx'kkyk
¼1 dsanzh; dkWyst funku ç;ksx'kkyk ¼oSdfYid½
2½ ifjogu lqfo/kk,a] ftuesa cl] feuh cl] LVkQ dkj] ,EcwysVjh xkfM+;ka vkSj eksckby funku
¼1 ;wfuV 'kkfey gksa —f=e 'kqØlspu dsanz ¼oSdfYid½
3½ Nk=ksa vkSj deZpkfj;ksa ds mipkj ds fy, 24&?kaVs dke djus okyh LokLF; lqfo/kk,a
100 fleqys'ku Á;ksx'kkyk
¼1 dq'kyrk fodkl Á;ksx'kkyk

¼10½ ;g ohoh,l-lh- vkSj ,-,p- fMxzh ds fy, f'k{kk nsus okys i'kq fpfdRlk laLFkkuksa ds fy, U;wuÙke lk/kkj.k
vko';drk,a gSaA rFkkfi] os laLFkku ;k dkyst tgka vfrfjä foHkkx vkSj fo'ks"k cqfu;knh lqfo/kk,a vkSj 'kS{kf.kd lqfo/kk,a
miyC/k gSa] mUgsa lac) vuq'kklu ;k mi&vuq'kklu dh ekax vkSj Áxfr dks ns[krs gq,] bu fo'ks"k lqfo/kkvksa dks okaNuh; lqfo/kk
ds :i esa lwfpr djus ds fy, ÁksRlkfgr fd;k tk,xkA

¼11½ çR;sd foHkkx esa miyC/k djkbZ tkus okyh lkekU; vkokl lqfo/kk,a%

| | | |
|---|---|---|
| 1½ | foHkkxk/;{k dk d{k | 200 oxZ QqV |
| 2½ | çR;sd f'k{kddk dk;kZy; | 100 oxZ QqV |
| 3½ | foHkkx dk dk;kZy; | 200 oxZ QqV |
| 4½ | HkaMkj d{k | 150 oxZ QqV |

¼12½ lkekU; fVIif.k;ka

fuEufyf[kr vfuok;Z cqfu;knh lqfo/kk,a i'kq fpfdRlk foKku vkSj i'kq ikyu esa Lukrd dh fMxzh Ánku djus ds fy, nh tkus
okyh iwoZLukrd f'k{kk ds fy, Ár;sd foHkkx esa miyC/k djkbZ tkus okyh U;wure ;k vR;ko';d lqfo/kk,a gSaA tks foHkkx vU;
dk;Z] tSls LukrdksÙkj f'k{kk] vuqla/kku] foLrkj vkSj vU; layXu lsok,a Ánku djrs gksa] mUgsa vko';drk ds vk/kkj ij
vfrfjDr lqfo/kkvksa dk Áca/k djuk gksxkA

¼13½ foHkkxkuqlkj LFkku dh vko';drk

¼1½ i'kq- 'kjhj&jpuk foKku

¼d½ vfLFk foKku vkSj laf/kjksx ç;ksx'kkyk 600 oxZ QqV

¼[k½ foPNsnu d{k] 'ko laysi.k d{k lfgr 1200 oxZ QqV

¼x½ Ård foKku vkSj Hkzw.kfoKku ç;ksx'kkyk 600 oxZ QqV

¼?k½ laxzgky; 600 oxZ QqV

¼2½ i'kq 'kjhj&fØ;k foKku vkSj tSojlk;u

¼d½ 'kjhj&fØ;k foKku ç;ksx'kkyk 600 oxZ QqV

¼[k½ tSojlk;u ç;ksx'kkyk 600 oxZ QqV

¼x½ fo'ys"k.k miLdj vkSj vuqj{k.k ç;ksx'kkyk 600 oxZ QqV

¼3½ i'kq mRiknu Áca/ku

¼d½ ,y,Qlh esa fu.kkZ;d [ksek ,oa gSaMfyax d{k 1200 oxZ QqV

¼[k½ i'kqvksa ds uLy pkVksZa vkSj i'kq vkokl ekWMyksa ds fy, ;w-th- Á;ksx'kkyk ,oa laxzkgy; 600 oxZ QqV

¼4½ i'kq lw{e thofoKku

¼d½ thok.kq foKku ,oa dod foKku Á;ksx'kkyk 600 oxZ QqV

¼[k½ fo"kk.kq foKku Á;ksx'kkyk ¼okrkuqdwfyr Ård lao/kZu Á;ksx'kkyk lfgr½ 200 oxZ QqV

¼x½ vaMk lapkj.k cwFk

¼?k½ Áfrj{kk foKku Á;ksx'kkyk 600 oxZ QqV

¼M+½ dkap ds midj.kksa dks /kksus vksj folaØfer 150 oxZ QqV

¼5½ i'kq foÑfr foKku

¼d½ Ård foÑfr Á;ksx'kkyk 600 oxZ QqV

¼[k½ fDyfudy foÑfr foKku Á;ksx'kkyk 600 oxZ QqV

¼x½ laxzgky; 600 oxZ QqV

¼?k½ cM+s i'kqvksa vkSj dqDdqVksa ds fy, 600 oxZ QqV

¼M+½ laxzgky; 300 oxZ QqV

¼6½ i'kq vkuqoaf'kdh ,oa Átuu

¼d½ dEI;wVj ySc ¼dsanzh; lqfo/kk½ 1200 oxZ QqV

¼[k½ ;w-th- Á;ksx'kkyk 600 oxZ QqV

¼7½ i'kq iks"k.k

| | | |
|---|---|---|
| | ¼d½ iks"k.k ,oa pkjk fo'ys"k.k Á;ksx'kkyk | 600 oxZ QqV |
| | ¼[k½ ÅtkZ p;kip; Á;ksx'kkyk | 600 oxZ QqV |
| | ¼x½ p;kip;h LVkWy ;k ckWDl ¼okaNuh;½ | |
| | ¼?k½ pkjk lalk/ku ,oa feJ.k la;a= ¼okaNuh;½ | 900 oxZ QqV |



| | | |
|---|---|---|
| ¼8½ | i'kq vkS"k/k foKku vkSj fo"k foKku | |
| | ¼d½ Á;ksxkRed vkS"k/k foKku Á;skx'kkyk | 600 oxZ QqV |
| | ¼[k½ vkS"k/k Á;ksx'kkyk | 600 oxZ QqV |
| | ¼x½ fo"k foKku ,oa jlk;u fpfdRlk Á;ksx'kkyk | 600 oxZ QqV |
| ¼9½ | i'kq yksd LokLF; vkSj egkekjh foKku | |
| | ¼d½ dhVokfgr jksx ,oa egkekjh Á;ksx'kkyk | 600 oxZ QqV |
| | ¼[k½ nw/k&LoPNrk Á;ksx'kkyk | 600 oxZ QqV |
| | ¼x½ ekal&LoPNrk Á;skx'kkyk | 600 oxZ QqV |
| ¼10½ | i'kq ijthoh foKku | |
| | ¼d½ Ñfe foKku Á;ksx'kkyk ,oa laxzgky; | 600 oxZ QqV |
| | ¼[k½ dhV foKku ,oa ÁksVkst+ksvk foKku | 600 oxZ QqV |
| ¼11½ | i'kq mRikn ÁkS\|ksfxdh | |
| | 5 ls 10 i'kqvksa ¼HksM+ vkSj cdjh½ vkSj 50 dqDdqVksa ds fy, | |
| | LoPNrkiw.kZ y?kq o/k ;wfuV | |
| | ¼d½ ekal ÁkS\|ksfxdh Á;ksx'kkyk | 600 oxZ QqV |
| | ¼[k½ Ms;jh ÁkS\|ksfxdh Á;ksx'kkyk | 600 oxZ QqV |
| ¼12½ | i'kq fpfdRlk ,oa i'kq ikyu foLrkj f'k{kk | |
| | ¼d½ JO;&n``; ÁkS\|ksfxdh Á;ksx'kkyk | 600 oxZ QqV |
| | ¼[k½ QksVksxzkQh ,oa xzkfQd ;wfuV] ÁkstsD'ku | 600 oxZ QqV |
| | ¼x½ lkewfgd ppkZ d{k ;k y?kq lsfeukj d{k | 600 oxZ QqV |
| | ¼?k½ laxzgky; ,oa i'kq/ku ijke'kZ ;wfuV | 600 oxZ QqV |
| ¼13½ | i'kq 'kY; fpfdRlk ,oa jsfM;ksykWth | |
| | ¼d½ ,Dl js ,oa ÁfrfcEcu lqfo/kk | 900 oxZ QqV |
| | ¼[k½ NksVs i'kqvksa dk vkWijs'ku fFk,Vj | 600 oxZ QqV |
| | ¼x½ cM+s i'kqvksa dk vkWijs'ku fFk,Vj | 600 oxZ QqV |
| ¼14½ | i'kq vkS"kf/k | |
| | ¼d½ fDyfudy vkS"kf/k Á;ksx'kkyk | 600 oxZ QqV |
| | ¼[k½ fuokjd vkS"kf/k Á;ksx'kkyk | 600 oxZ QqV |
| ¼15½ | i'kq eknk jksx foKku ,oa Álwfr foKku | |
| | ¼d½ ;w-th- Á;ksx'kkyk | 600 oxZ QqV |
| | ¼[k½ QSaVe gkWy ,oa Li'kZ ijh{kk dsanz | 600 oxZ QqV |
| | ¼x½ oh;Z HkaMkj.k vkSj Vªsfol lqfo/kk lfgr Ñf=e fu"kspu dsanz | |
| | ¼?k½ laxzgky; | 600 oxZ QqV |
| ¼16½ | i'kq fpfdRlk fDyfudy dkWEiysDl | |

fVIi.kh% bl foHkkx esa fuEufyf[kr foHkkx viuh Áf'k{k.k vkSj lsok,a lapkfyr djsaxs% lkekU; ;k dke ds le; ds ckn vFkok NqfV~V;ksa ds nkSjku i'kq vkS"kf/k] i'kq 'kY; fpfdRlk vkSj jsfM;ksykWth] i'kq eknk jksx foKku vkSj Álwfr foKku foHkkxksa ds ladk; pØh; vk/kkj ij M~;wVh djsaxsA i'kq fpfdRlk lw{e foKku] i'kq fpfdRlk ijthoh foKku foHkkx vkSj i'kq fpfdRlk vkS"kf/k foKku foHkkx i'kq fpfdRlk fDyfudy dkWEiysDl dks lgk;rk Ánku djsaxsA i'kq fpfdRlk fDyfudy dkWEiysDl }kjk i'kq tUe fu;a=.k dk;ZØe vkSj jscht+ fojks/kh Vhdkdj.k dk;ZØeksa dk vk;kstu fd;k tk,xkA



¼d½ Lokxr d{k

¼i½ cM+s i'kqvksa ds fy, Árh{kk d{k

¼ii½ NksVs i'kqvksa ds fy, Árh{kk d{k

¼iii iathdj.k dkmaVj ;k fjdkWMZ d{k

¼iv fMLisaljh] vkS"kf/k HkaMkj] bR;kfn

¼[k½ i'kq ijh{kk vuqHkkx & ty çikrksa ls ;qä

1- cM+s i'kq

¼i½ fpfdRlk ;wfuV

¼ii½ 'kY; fpfdRlk ;wfuV

¼iii½ eknk jksx ;wfuV

2- NksVs i'kq

mijksDr ds leku] i'kq ijh{kk iVy lfgr

¼x½ vkWijs'ku fFk,Vj dkWEiysDl

¼i½ ?kksM+s dh 'kY; fpfdRlk

¼ii½ xkstkrh; i'kqvksa dh 'kY; fpfdRlk ¼ekud 'kY;&fpfdRlk½ 'kY; fpfdRlh; ty&izikr ds lkFk ¼vf/kekur% ;wFkjsDV ç.kkyh½

¼iii½ dqÙkksa dh 'kY;&fpfdaRlk

¼?k½ laØked vkSj Li'kZtU; jksx okMZ

¼i½ jscht okMZ

¼ii½ ?kksM+k i`FkDdj.k okMZ

¼iii½ xks&tkrh; i`FkDdj.k okMZ

¼iv½ Ropk okMZ

¼M+½ cMs i'kqvksa ds fy, vkjksX;çkfIr d{k] xyiêh] mÙkksyd] flj&j{kd] ca/ku] fpeVh] _a[kyd bR;kfnA

¼p½ NksVs i'kqvksa ds fy, xgu ns[kHkky ;wfuV

¼N½ i'kq funkudkjh ç;ksx'kkyk ftlesa fDyfudy ekeyksa ds i'kq fo—fr&foKku] lw{e tho foKku] ijthoh foKku vkSj tSojklk;fud vUos"k.kksa dh lqfo/kk,a gksaA

¼t½ varjx okMZ] xzkgd ;k —"kd d{k lfgr

¼>½ pyrs&fQjrs nok[kkus ¼ftlesa funkudkjh vkSj mipkjkRed miLdjksa dk iw.kZ Áca/k gks½

¼¥½ i'kq ifjogu lqfo/kk ;k QksdZ fy¶V ¼sfPNd½

¼V½ jkf= Mª;wVh vuqHkkx] ftlesa rduhf'k;uksa] fuokfl;ksa vkSj Nk=ksa ds fy, dejksa vkSj vkikr~ fLFkfr;ksa esa fpfdRldksa ds
ifjogu ds fy, okgu dh lqfo/kk gksA

¼B½ fDyfudy foHkkxksa vkSj fof'k"V lsokvksa ds deZpkfj;ksa ds fy, vkokl

¼M½ MkdZ #e] fQYe d{k] O;k[;k d{kA lgk;d midj.kksa lfgr dEI;wVjhÑr jsfM;ksxzkQh Á.kkyh ¼sfPNd½

¼<½ HkkSfrd mipkj d{k

¼.k½ ynkbZ vkSj mrjkbZ iVy

¼17½ i'kq/ku QkeZ dkWEiysDl

¼d½ i'kq fpfdRlk d,yst dk ;g ;wfuV i'kq çtkfr;ksa ds ikyu esa v/;kiu dh lsok,a miyC/k djk,xk vkSj ogka cMs vkSj
NksVs tqxkyh djus okys i'kqvksa] lqvjksa] dqDdqVksa vkSj {ks=h; #fp ds i'kqvksa ds fy, vkokl] Hkkstu f[kykus] çtuu vkSj çcU/ku
dh lqfo/kk,a( vfHkys[k j[kus( Hkkstu vkSj pkjs ds HkaMkj.k dh lqfo/kk,a( pkjk Qlyksa ds mRiknu dh lqfo/kk,a gksaxh] çca/kdh; vkSj
rduhdh deZpkfj;ksa ds mi;qä vkokl dh O;oLFkk gksxhA



¼[k bl ;wfuV esa M;wVh ij fu;qDr lHkh lEcfU/kr deZpkjh i'kq/ku QkeZ esa i'kqvksa dh vkikr çcU/ku ds fy, ftEesnkj gksaxsA mUgsa le;≤ ij useh çca/kdh; i)fr;ksa dh O;oLFkk vkSj i;Zos{k.k djuk gksxk vkSj mudk fjdkWMZ j[kuk gksxkA os çR;sd ;wfuV esa mRiknu laca/kh fØ;kdykiksa ds fy, Hkh ftEesnkj gksaxs vkSj bu i'kq ;wfuVksa dk mi;ksx Nk=ksa ds f'k{kk ds fy, f'k{k.k QkeksaZ ds :i esa fd;k tk,xkA dqDdqV ikyu ,d egÙoiw.kZ ?kVd gksus ds dkj.k] i'kq/ku QkeZ dkWEiysDl esa dqDdqV ikyu foKku esa fMxzh /kkjd O;fDr vFkok dqDdqV ikyu esa fof'k"Vrk ÁkIr O;fDr;ksa dks

¼x½ i'kq/ku QkeZ dkWEiysDl esa fuEufyf[kr QkeZ ;wfuV ;k Hkwfe miyC/k gksuh pkfg,%

d- i'kq mRiknu çcU/ku

¼1 fu.kkZ;d d{k ,oa gSaMfyax d{k 1200 oxZ QqV

¼2 eos'kh vkSj HkSals ¼100½

¼3 HksM+ vkSj cdjh] çR;sd 50 i'kqvksa ds fy,

¼4 lqvjksa dk ckM+k] 10 lqvj] ftuesa ls 1 uj gks

¼5 ?kksM+s& nks ¼,d uj o ,d eknk½

¼6 Å¡V ;k {ks=h; i'kq ¼sfPNd½

¼7 pkjk mRiknu vkSj ?kkl Hkwfe çcU/ku dh lqfo/kk

¼8 ,y,Qlh esa fDyfudy ;k v/kZ&fDyfudy f'k{kk ds fy, 10 ls 20 xSj&mRiknd i'kqvksa dk lewg i'kqvksa dk vkØked ÁØeksa esas Á;ksx ugha fd;k tk,xkA

[k- i{kh mRiknu Áca/ku

¼1½ iksYVªh 1000 ys;j ,oa 1000 czkW;yj

¼2½ fofeUu ç.kkfy;ksa ds ekWMy] ckM+s] fiatjs] ukan vkSj miLdj

d- dqDdqVksa vkSj vU; if{k;ksa dh fofHkUu uLyksa ds uewus

[k- gSpjh vkSj pwt+ksa ds ckMs+

x- çtud eqxsZ ¼czwMj½

x- pkjk mRiknu çcU/k

¼1 ykbo LVkWd QkeZ dkWEiysDl ds fy, pkjs dh vko';drk iwjh djus ds fy, U;wure 15 ,dM+

¼2 vkokl dh O;oLFkk i'kq dY;k.k vfuok;Zrkvksa ds vuq:i gksuh pkfg, tks i'kq dY;k.k ds fy, fl)kar ds vuq:i gksaxsA

¼3 uLy pkVksaZ dh ns[kjs[k djus okyk QkeZ MkVk d{k] LVkWd iqLrdsa vkSj vU; QkeZ

O;; ij QkeZ ds [kkrs] rqyu&i= bR;kfn v/;kiu lkexzh ds :i esa] eq[;r% dE;wVj VfeZuy ds :i esa miyC/k gksaxsA

¼14 i'kq fpfdRlk esa ç;ksxksa ij cy fn;k tkus ds dkj.k] f'k{k.k vkSj çn'kZu dk dk;Z 5&10 Nk=ksa ds tkuk pkfg,( mDr f'k{kk çHkkodkjh :i esa fn, tkus ds fy, v/;kidksa dh la[;k i;kZIr gksuh pkfg,A mfpr f'k{k.k ds fy, Ák;ksfxd d{kkvksa esa ÁkFkfed :i ls nks f'k{kd 'kkfey gksus pkfg,A

¼15 i'kq fpfdRlk dkWyst ds foHkkxksa ds f'k{kd iw.kZdkfyd v/;kid gksus pkfg,A

¼16 v/;kidksa dh fuEufyf[kr la[;k ohoh,llh vkSj „p fMxzh ds fy, Lukrd&iwoZ f'k{kk çnku djus ds foHkkx esa fu;qDr v/;kidksa dh U;wure ;k Økafrd la[;k gSA ftu foHkkxksa esa vU; xfrfof/k;ka] tSls LukrdksÙkj f'k{kk vkSj vU; lsok,a layXu gS] muds ikl izR;sd foHkkx esa vfrjä ladk; lnL; ds :i esa lgk;d ÁksQslj Js.kh ds nks vfrjDr ladk; lnL; gksaxsA

¼17 ;g lqfuf'pr djus ds fy, fd Lukrd&iwoZ Nk=ksa dks vuqHko&çkIr v/;kidksa ls f'k{kk ÁkIr gks] i;kZIr la[;k esa ofj"B in ¼ÁksQslj ;k ‚lksfl‚V ÁksQslj½ fu;qDr djus gksaxsA de&ls&de ‚d ÁksQslj ;k ‚lksfl‚V ÁksQslj ds fcuk dksbZ Hkh foHkkx dke ugha djsxkA

18- Á'kklu ‚oa laLFkkiuk foHkkx eas fuEufyf[kr in gksus pkfg,%

¼d½ Mhu dk dk;kZy;

¼[k½ Mhu



¼x½ Á'kkld ‚oa Á'kklu vf/kdkjh

¼?k½ futh lgk;d@ futh lfpo

¼M½ 'kS{kf.kd lgk;d

¼p½ ys[kk lgk;d

¼N½ LFkkiuk lgk;d

¼t½ Mªkboj] lans'kokgd] lgk;d] ekyh] lQkbZ deZpkjh] bysfDVªf'k;u] IyEcj] bR;kfnA

¼>½ LVksj [kjhn ;wfuV

¼19 fdlh i'kq fpfdRlk dkyst ds çR;sd foHkkx ;k ;wfuV esa dk;aZ&Hkkj ds vuqlkj vkSj lqpk# :i ls Lora= dk;Zpkyu ds fy, U;wure lfpoky; ;k lgk;d ;k ys[kk deZpkjh miyC/k gksus pkfg,A
½

¼20 'kY; fpfdRlk foHkkx ds fy, jsfM;kxzkQj] QkeZ dk;ksZa ;k QkeZ lapkyu ds fy,] vyx&vyx foHkkx dh vko';drk ;k vfuok;Zrk ds vuq:i] Á;ksx'kkyk rduhf'k;u ;k JO;&n`'; rduhf'k;u ;k vkfVZLV ‚oa QksVksxzkQj ;k Mªkboj ;k i'kq lgk;d ‚oa nzofuos'kd ;k 'ko laysid ;k Á;ksx'kkyk lgk;d ;k i'kq lgk;d ;k lgk;d ;k iksLV&ekWVZe lgk;d ;k lQkbZ deZpkjh ;k vLFkkbZ Jfed fu;qDr djus gksaxsA
½

¼21 foHkkxkuqlkj tu'kfDr dh U:wure vko':drk
½

¼1 ¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 2

¼2½ i'kq 'kjhj foKku ‚oa tSo&jlk;u

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 3

¼3½ i'kq/ku mRiknu Áca/ku

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 2

¼4½ i'kq lw{etho foKku

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 2

¼?k½ fDyfud ds nkSjku ,d ladk; lnL; dks lsesLVj ds vuqlkj 3 ?kaVs ds fy, pØh; vk/kkj ij Áfrfu;qDr fd;k tk,xkA

¼5½ i'kq foÑfr foKku

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 2

¼?k½ iksLV ekWVZe ds fy, pØh; vk/kkj ij ,d ladk; lnL;

¼6½ i'kq vkuqoaf'kdh ,oa Átuu

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 1



¼7½ i'kq iks"k.k

¼8½ ¼d½ ÁksQslj 1

¼[k½ lg;qDr 1

¼x½ lgk;d 1

i'kq vkS"k/k foKku ,oa fo"k foKku

¼d½ ÁksQslj 1

¼[k½ lg;qDr 1

¼x½ lgk;d 1

¼?k fDyfud ds nkSjku ,d ladk; lnL; dks lsesLVj ds vuqlkj 3 ?kaVs ds fy, pØh; vk/kkj ij djuk gksxkA

¼9½ i'kq fpfdRlk yksd LokLF; ,oa egkekjh foKku

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 1

¼?k½ ftu dkWystksa ds ikl i`Fkd jksx funku dsanz gS] mUgsa bl foHkkx esa vko';drkuqlkj ,d vfrjDr ladk; lnL; dks fu;qDr djuk gksxkA

¼10½ i'kq ijthoh foKku

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 2

¼?k½ fDyfud ds nkSjku ,d ladk; lnL; dks] lsesLVj ds fy, pØh; vk/kkj ij Áfrfu;qDr djuk gksxkA

¼11½ i'kq/ku mRikn ÁkS|ksfxdh

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 2

¼?k½ ,d ladk; lnL; m|ksxo`fÙk Áf'k{k.k] nqX/k lalk/ku bR;kfn esa 'kkfey gksxkA

¼12½ i'kq fpfdRlk ,oa i'kq ikyu foLrkj f'k{kk

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 1

¼?k½ foLrkj dk;Z ,oa xkaoksa dk Hkze.k

¼13½ i'kq 'kY; fpfdRlk ,oa jsfM;kykWth

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 3

¼?k½ de&ls&de nks ladk; lnL;ksa dks ohlhih esa pØh; vk/kkj ij vkSj ,d ladk; lnL; dks vodk'k ds
le; ;k NqfV~V;ksa ds fnuksa esa pØh; vk/kkj ij fu;qDr djuk gksxkA



¼14½ i'kq vkS"kf/k

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 3

¼?k de&ls&de nks ladk; lnL;ksa dks ohlhih esa pØh; vk/kkj ij vkSj ,d ladk; lnL; dks vodk'k ds le; NqfV~V;ksa ds fnuksa esa pØh; vk/kkj ij fu;qDr djuk gksxkA

¼15½ i'kq eknk jksx ,oa Álwfr foKku

¼d½ ÁksQslj 1

¼[k½ lg;qDr ÁksQslj 1

¼x½ lgk;d ÁksQslj 3

¼?k de&ls&de nks ladk; lnL;ksa dks ohlhih esa pØh; vk/kkj ij vkSj ,d ladk; lnL; dks vodk'k ds le; NqfV~V;ksa ds fnuksa esa pØh; vk/kkj ij fu;qDr djuk gksxkA

¼16½ i'kq fpfdRlk fDyfudy dkWEiysDl

¼d½ fdlh fDyfudy fo"k; esa fo'ks"kKrk ÁkIr 1

¼[k½ lg;qDr ÁksQslj ¼bUVuZf'ki½* 1

¼x½ fDyfudy foÑfr foKku uSnkfud Á;ksx'kkyk
ds fy, lgk;d ÁksQslj 1

¼?k lgk;d ÁksQslj ¼i'kq tSo&jlk;fudh½ 1

¼M+ lgk;d ÁksQslj ¼vkS"kf/k&2] 'kY; fpfdRlk&1] eknk jksx foKku&1½ 4

foÑfr foKku] tSo&jlk;fudh] fpfdRlk] 'kY; fØ;k ,oa eknk jksx foKku ds bu f'k{kdksa dks vius lac) foHkkx esa
pØkuqØfer fd;k tk,xk rkfd os v/;kiu dk;Z djsa] fdarq ,slk nks o"kZ ls igys ugha djuk gksxkA

¼p½ fjdkWMZ dhij ,oa MkVk vkWijsVj 1

¼N½ iathdj.k lgk;d 1

¼t½ fpfdRlk LVksj ÁHkkjh 1

¼>½ dEikmaMj ;k QkekZflLVj oh,yMh, 4

¼¥½ Á;ksx'kkyk rduhf'k;u 1

¼V½ jsfM;ksxzkQj 1

*lgk;d ÁksQslj dks nSfud fDyfudy dk;Z ds vfrfjDr baVuZf'ki dk vfrfjDr dk;Z djuk gksxkA

¼B½ i'kq fpfdRlk fDyfudy dkWEiysDl esa fu;qDr deZpkjh bldh dk;kZRedrk cuk, j[kus ds fy, Hkh ftEesnkj gksxkA

rFkkfi] 'kY; fpfdRlk] vkS"kf/k ,oa eknk jksx foHkkx ds f'k{k.k ladk; ij ohlhlh esa LFkkfir vius lac) ;wfuVksa esa pØh;
vk/kkj ij lHkh lsok,a Ánku djus dk Hkh nkf;Ro gksxkA mUgsa LFkkuh; vko';drkvksa ds vuqlkj vodk'k ds ?kaVksa vkSj NqfV~V;ksa
esa Hkh lsok,a Ánku djuh gkasxhA

¼17½ ykbo LVkWd QkeZ dkWEiysDl ¼,y,Qlh½

¼d½ ÁksQlj dks] fo'ks"k :i ls i'kq/ku mRiknu ,oa Áca/ku esa fo'ks"kKrk ÁkIr gksuh pkfg,A 1

¼[k½ lgk;d ÁksQslj ¼dqDdqV mRiknu] i'kq vkuqoaf'kdh ,oa Átuu] i'kq iks"k.k] i'kq/ku mRiknu ,oa Áca/ku] i'kq vkS"kf/k ,oa
i'kq Álwfr ,oa eknk jksx foKku esa ÁR;sd ,d½A bu f'k{kdksa dks vius lac) foHkkx esa ifjØfer djrs jguk gksxk rkfd os
f'k{k.k dk;Z esa Hkh 'kkfey gksa] fdarq ,slk nks o"kZ ls iwoZ ugha djuk gksxkA ;fn i'kqvksa ds >qaM esa tula[;k fu/kkZfjr U;wure
vko';drk ls vf/kd gks tk, rks mRiknu fo"k;ksa ls vfrfjDr f'k{kdksa dks fu;qDr fd;k tk ldrk gSA 6

¼x½ lgk;d QkeZ Áca/kd ¼,d choh,llh,oa,,p rFkk ,d pkjk mRiknu ;wfuV ls Ñf"k esa Lukrd] tks ÁkFkfed :i ls
Ñf"k foKku esa ,e,llh gksuk pkfg,½A 2

¼?k½ vLFkkbZ Jfed & vko”;drkuqlkj



¼M+½ e'khu lapkyd ;k VªSDVj Mªkboj & vko”;drkuqlkj

¼p½ oh,yMh, 2

¼N½ lgk;d QkeZ Áca/kd ¼i'kq fpfdRlk½ dks QkeZ dh mi;qDr lQkbZ vkSj j[kj[kko lqfuf'pr djus ?kaVksa vkSj NqfV~V;ksa ds nkSjku jksfx;ksa ds mipkj ds fy, ÁkFkfed fpfdRlk vkSj ÁkjafHkd mipkj

¼22½ i'kq fpfdRlk foKku vkSj i'kq ikyu Lukrd dh fMxzh ÁkIr djus ds fy, nh tkus okyh iwoZLukrd ÁR;sd foHkkx esa de&ls&de fuEufyf[kr midj.k ekStwn gksuk vfuok;Z gksxkA ukt+qd midj.kksa dks] csgrj j[kj[kko ds fy, D;wfcdyksa esa j[kuk gksxkA ftu foHkkxksa esa vU; xfrfof/k;ka] tSls LukrdksÙkj v/;kiu] vuqla/kku] foLrkj ,oa vU; layXu lsok,a Ánku dh tkrh gSa] mUgsa vko';drk ds vk/kkj ij vfrfjDr

¼23½ foHkkxkuqlkj lqfo/kk,a

¼1½ i'kq 'kjhj jpuk foKku foHkkx esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | vfLFk;ksa] ekbØksLdksi bR;kfn ds fy, vyekjh | vko';drkuqlkj |
| 2- | vfLFk;ksa ds fy, LVhy ;k yksgs ds jSd 15 | 15 |
| 3- | laxzgky; ds fy, 'kks&dsl ¼dkap ds iSuy ;qDr½ | 15 |
| 4- | foPNsnu ds fy, laxejej iVy okys ,l-,l- VkWi est ¼viogu lfgr½ | 10 |

| | | |
|---|---|---|
| 5- | dEikmaM ekbØksLdksi | 30 |
| 6- | ckbukWD;wyj ekbØksLdksi | 10 |
| 7- | vkWVksDyso | 1 |
| 8- | ih,p ehVj | 1 |
| 9- | rIr ok;q vksou | 2 |
| 10- | ekbØksLdksi ds fy, lhlhVhoh vVSpesaV | 1 |
| 11- | dSMsoj batsDVj | 1 |
| 12- | Mhi Ýht+j ¼&20 fMxzh ls-& {kSfrt½ | 1 |
| 13- | fMftVy ,ukfyfVdy cSysal | 1 |
| 14- | ,Dljs Án'kZd | 2 |
| 15- | LykbM okeZj | 2 |
| 16- | v/kZ&Lopfyr ;k Lopfyr jksVjh ekbØksVkse | 2 |
| 17- | fV'kw ¶yksVs'ku ckFk | 2 |
| 18- | fgLVks vEcsMj | 1 |
| 19- | jsfÝtjsVj ¼Mcy Mksj½ | 1 |
| 20- | dadky ekmaV djus ds fy, fMªfyax e'khu | 2 lsV |
| 21- | vfLFk dkVus dh fctyh dh vkjh | 1 |
| 22- | gqd bR;kfn lfgr i'kqvksa dks Vkaxus ds ;wfuV | 1 |
| 23- | iksLV ekVZe lsV | 2 |
| 24- | lh/kh dSaph | vko';drkuqlkj |
| 25- | oØ dSaph | vko';drkuqlkj |
| 26- | gkFk dh vkjh | vko';drkuqlkj |
| 27- | ilyh dh vkjh | vko';drkuqlkj |
| 28- | cM+h fpeVh | vko';drkuqlkj |
| 29- | NksVh fpeVh | vko';drkuqlkj |
| 30- | /keuh dh fpeVh | vko';drkuqlkj |



| | | |
|---|---|---|
| 31- | ch-ih- gSaMy | vko';drkuqlkj |
| 32- | VsUukdqye | vko';drkuqlkj |
| 33- | <+Ddu lfgr IykfLVd dk Mªe | vko';drkuqlkj |
| 34- | <+Ddu lfgr IykfLVd dh ckYVh | vko';drkuqlkj |
| 35- | busey ;qDr yksgs ;k fV'kw dh fMLikst+scy ckYVh | vko';drkuqlkj |
| 36- | xhys uewuksa ds fy, LVhy ds jSd | vko';drkuqlkj |
| 37- | busey ;qDr Vªs | vko';drkuqlkj |
| 38- | busey ;qDr csflu | vko';drkuqlkj |
| 39- | LykbMksa ds fMCcs ¼100 LykbMsa½ | vko';drkuqlkj |
| 40- | LykbMksa dh dSfcusV 2000 LykbMsa | vko';drkuqlkj |
| 41- | vkbl ckWDl | vko';drkuqlkj |
| 42- | LVsfuax tkj | vko';drkuqlkj |
| 43- | difyax tkj | vko';drkuqlkj |
| 44- | ,l-,l- LVsfuax Vªs | vko';drkuqlkj |

| | | |
|---|---|---|
| 45- | E;sft+;e tkj lfgr dkap ds midj.k | vko';drkuqlkj |
| 46- | uSfrd :i ls ÁkIr fd, x, 'koksa dks ysfir djus ds fy, cqfu;knh midj.k] ;a= ,oa nzo | vko';drkuqlkj |

¼24½ i'kq 'kjhj foKku ,oa tSo&jlk;u foHkkx esa fuEufyf[kr midj.k gksus

| | | |
|---|---|---|
| 1- | ,ylhMh LØhu ;qDr dEikmaM ÁkstsD'ku ekbØksLdksi | 1 |
| 2- | ghekslkbVksehVj lSV 20 | 20 |
| 3- | gheksXykschuksehVj lSV | 20 |
| 4- | ekbØksghesVksfØV V~;wc | vko';drkuqlkj |
| 5- | lsaVªh¶;wt 10000 vkjih,e | 2 |
| 6- | foaVªksCl V~;wc | 20 |
| 7- | raf=dk&is'kh Á;ksxksa ds fy, lkW¶Vos;j | 1 |
| 8- | fLQXekseSuksehVj ¼fMftVsyj Mk;y Vkbi ;k edZjh½ | 10 |
| 9- | fofHkUu Á.kkfy;ksa ds fy, dEI;wVjhÑr 'kjhj foKku f'k{k.k lkW¶Vos;j | 1 |
| 10- | LisDVªks QksVksehVj | 1 |
| 11- | eksusk iSu fMftVy cSysal | 5 |
| 12- | fQft+;ksxzkQ | 1 |
| 13- | ekbØkstsYMky lSV | 4 |
| 14- | Mkbts'ku lSV | 1 |
| 15- | vkWVksesfVd fgesVksykWftdy ,ukykbt+j ¼jDr dksf'kdk dkmaVj½ | 1 |
| 16- | Mh,ylh dkmaVj | 5 |
| 17- | rIr ok;q vksou | 1 |
| 18- | ekbØks fgesVksfØV lsaVªh¶;wt | 1 |
| 19- | ih,p ehVj | 1 |



| | | |
|---|---|---|
| 20- | foLdksehVj | 10 |
| 21- | ;wfjuksehVj | 10 |
| 22- | bZ-lh-th- ¼iksVsZcy½ | 1 |
| 23- | ljQsl baVhxzsVj | 1 |
| 24- | LVSyXeksehVj | 10 |
| 25- | LVsFkLdksi | 10 |
| 26- | fDyfudy FkekZehVj ¼fMftVy½ | 10 |
| 27- | LVMsaV ekbØksLdksi | 10 |
| 28- | dkWuos fM¶;wt+u fMLd | 20 |
| 29- | yDl ehVj] foaM osu] ,uehVj] jsu xst] vf/kdre U;wure FkekZehVj] fLyax lkbØksehVj] cSjksehVj] dSEcsy LVksDl lu'kkbu fjdkWMZj] vksiu iSu boSiksjhehVj] /ofu fjdkWMZj] M~;w ikWbaV gkbxzksehVj | ÁR;sd ,d |

i'kq tSo&fpfdRlk

| | | |
|---|---|---|
| 1- | ySckSjsVjh lsaVªh¶;wt 5000 vkjih,e | |
| 2- | dksyksjhehVj | |

| | |
|---|---|
| 3- | LiSDVªkQksVksehVj |
| 4- | ¶yse QksVksehVj |
| 5- | bysDVªksfud rqyu e'khu |
| 6- | jsfÝtjsVj |
| 7- | Mhi Ýht+j ¼&20 fMxzh ls-½ |
| 8- | isij ØksesVksxzkQh Á.kkyh |
| 9- | rIr ok;q vksou |
| 10- | rIr ty ckFk |
| 11- | N% dkWfudy ¶ykLdksa ds fy, gkWV IysV |
| 12- | buD;wcsVj |
| 13- | ekbØksfiisV ¼{kerk%10ekbØks-yh-]100 ekbØks-yh-]1000 ekbØks- |
| 14- | ¶;we gqM |
| 15- | ih,p ehVj |
| 16- | eSXusfVd LVjZj |
| 17- | oksjVSDl feDlj |
| 18- | Xyklos;j |
| 19- | jlk;u ;k vfHkdeZd |
| 20- | jDr fo'ys"kd |
| 21- | fjÝsDVksehVj |
| 22- | ckbukWD;wyj ekbØksLdksi |



¼25½ i'kq mRiknu Áca/ku foHkkx esa fuEufyf[kr midj.k gksus

| | | |
|---|---|---|
| 1- | ckWMh cz'k | 1 |
| 2- | cqy gksYMj | 1 |
| 3- | cqy yhMj | 1 |
| 4- | cqy ukfldk iap | 1 |
| 5- | cqy ukfldk fjax | 1 |
| 6- | dkfLVax jLls ¼10&15 eh-½ | 1 |
| 7- | fDyfudy FkekZehVj | 1 |
| 8- | djh dkWEc | 1 |
| 9- | lhax dkVus dk vkjk | 1 |
| 10- | fMfiax QksdZ | 1 |
| 11- | Mªsafpax midj.k | 1 |
| 12- | is; ty xSx | 1 |
| 13- | Mªkbfoax gSej | 1 |
| 14- | dku vkSj xys dk psu | 1 |
| 15- | cjfMt+ks dSLVjsVj | 1 |
| 16- | ,usey ;qDr Vªs | 1 |
| 17- | gs;j fDyfiax e'khu | 1 |
| 18- | gkYVj | 1 |
| 19- | [kqjksa dh jsrh | 1 |

| | | |
|---|---|---|
| 20- | [kqjksa dh drjuh | 1 |
| 21- | ekius dk chdj | 1 |
| 22- | ekius dk Vsi | 1 |
| 23- | lhax dkVus dh fctyh dh e'khu | 1 |
| 24- | nw/k ekih | 4 |
| 25- | nw/k dh pyuh | 1 |
| 26- | nw/k ds fMCcs | 1 |
| 27- | nw/k fudkyus dh e'khu | |
| 28- | nw/k fudkyus dh ckfYV;ka | 2 |
| 29- | et+y ÁkSax | 1 |
| 30- | lqvj dSpj | 1 |
| 31- | fpeVh | 1 |
| 32- | dSafp;ka | 1 |
| 33- | drZu e'khu | ,sfPNd |
| 34- | LÁs;j | 1 |
| 35- | fLVªi di | 1 |
| 36- | VSVw djus dh fpeVh | 1 |
| 37- | Fkuksa dk lkbQu | 1 |
| 38- | Vªksdkj ,oa dSuqyk | 1 |



| | |
|---|---|
| 39- | MªSafpax fMCcs ;k cksry |
| 40- | ÁkscSax xSx |
| 41- | ØSMfy;j yhM~l |
| 42- | vkgkj VªWkyh |
| 43- | ckyksa ds fDyij |
| 44- | VªSDVj |
| 45- | QhMj & fpd |
| 46- | QhMj & xzksvj |
| 47- | QhMj & ys;j |
| 48- | QhMj & czhMj |
| 49- | fMªadj & fpd |
| 50- | fMªadj & xzksvj |
| 51- | fMªadj & vkWVksesfVd |
| 52- | fMªadj & fuiy |
| 53- | fMªadj & fuiy] di lfgr |
| 54- | Lopfyr oSDlhusVj |
| 55- | QhfMax Ldwi |
| 56- | O;fDrxr usLV ckWDl |
| 57- | dE;qfuVh usLV ckWDl |
| 58- | VªSi usLV |
| 59- | vaMk fQYkj ¶ySV & IykfLVd ,oa dkMZcksMZ |
| 60- | vaMs dh Vªs |

| | |
|---|---|
| 61- | O;fdrxr vaMk dSaMyj |
| 62- | czwMj & bysfDVªd ;k bUÝkjsM ;k xSl ;k cq[kkjh |
| 63- | czwMj xkMZ |
| 64- | gksoj |
| 65- | QhM xzkbaMj ¼feuh½ |
| 66- | pkjk feJd ¼feuh½ |
| 67- | buD;wcsVj |
| 68- | iSjksa dks cka/kus ds cSaM |
| 69- | iSjksa dks cka/kus ds cSaM |
| 70- | fofHkUu vkokl Á.kkfy;ksa ds ekWMy |
| 71- | i;kZoj.k fu;af=r dqDdqV x`g dk ekWMy |
| 72- | fofHkUu dqDdqV uLyksa ds pkVZ |
| 73- | pwt+ksa ds 'kjhj ds fofHkUu vxksa ds pkVZ |
| 74- | ¶yse xu |
| 75- | ofuZ;j dSfyij |
| 76- | LØw xst |



| | | |
|---|---|---|
| 77- | LQsjksehVj | 10 |
| 78- | fofHkUu Ádkj ds fiatjs ds ekWMy | 2 |
| 79- | fyVj jsdj | 5 |
| 80- | oSV ,aM Mªk; cYc FkekZehVj | 5 |
| 81- | gkbxzksehVj | 1 |
| 82- | ot+u rkSyus dh e'khu ¼100xzk] 1fd-xkz-] 5 fdxzk-] 30 fdxzk-] 200 | |
| 83- | iksYVªh ,vkbZ ;a= ¼oh;Z ladyu di] fu"kspu fljhat vkfn½ | 5 |
| ¼26½ | i'kq lw{e foKku foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | |
| 1- | vkWVks Dyso | 2 |
| 2- | rIr ok;q vksou | 2 |
| 3- | lht+] fuokZr nkc iEi bR;kfn lfgr lht+ fQYVj vlsEcyh | 1 |
| 4- | feyhiksj fQYVj | vko';drkuqlkj |
| 5- | Ádk'k lzksr lfgr LVqMsaV ekbØksLdksi | 15 |
| 6- | LVst ,oa vkWD;qyj ekbØksehVj ¼thok.kq ds ekiu ds fy,½ | 5 |
| 7- | doj fLyiksasa lfgr gSafxax MªkWi ÁSijs'ku LykbMsa | 30 |
| 8- | 3 bap vkSj 4 bap dh isVªh fM'k | vko';drkuqlkj |
| 9- | IySfVue ywi | vko';drkuqlkj |
| 10- | culsu cuZj | 20 |
| 11- | eSfdaVks'k ,oa QhYM ,usjksfcd tkj | 2 |
| 12- | bUD;wcsVj | 2 |
| 13- | ck;ksykWftdy vkWDlhtu fMekaM ¼ch-vks-Mh-½ bUD;wcsVj | 1 |
| 14- | ty ckFk | 2 |
| 15- | Mhi Ýht+] &20 fMxzh ls- | 1 |
| 16- | QksVks dksyksjhehVj | 2 |

| | | |
|---|---|---|
| 17- | vYVªk okW;ysV ySEi | 2 |
| 18- | ySfeuj ¶yks dSfcusV | 2 |
| 19- | dkWyksuh dkmaVj | 2 |
| 20- | ,fylk VsLV jhMj | 1 |
| 21- | ekbØksfVIl ,oa ckWDl | vko';drkuqlkj |
| 22- | flfjat bR;kfn | vko';drkuqlkj |
| 23- | Nqjh] fpeVh] dSaph bR;kfn | vko';drkuqlkj |
| 24- | bE;quks bysDVªksQksjsfll midj.k | 2 |
| 25- | lkekU; lsaVªh¶;wt | 2 |
| 26- | mPp xfr lsaVªh¶;wt ¼1600 ls 20000 vkjih,e½ | 1 |
| 27- | jsQfjtjsfVM lsaVªh¶;wt | 1 |
| 28- | MsaVy fMªy ¼vaMs ds lapkj.k ds fy,½ | 4 |
| 29- | vkWVksesfVd fiisV okW'kj | 2 |
| 30- | dkap ds ik=] #bZ] flfjat] ehfM;k] 'kDdj bR;kfn | vko';drkuqlkj |



| | | |
|---|---|---|
| 31- | | vaMk dSaMyj |
| 32- | | vaMk bUD;wcsVj |
| 33- | | buofVZM ekbØksLdksi |
| 34- | | jsfÝtjsVj |
| 35- | | ghekslkbVksehVj psEcj |
| 36- | | ekbØksfiisV ¼0-5&10 ek-fy-] 10&200 ek-fy-] 100&1000 ek-fy-½ |
| 37- | | eYVh pSuy ekbØksfiisV ¼10&300 ek-fy-½ |
| 38- | | oksVsZDl feDlj |
| 39- | | Hkkj rkSyus dh e'khu |
| 40- | | eSXusfVd LVjj |
| 41- | | ekbØkslsaVªh¶;wt |
| 42- | | CykWfVax midj.k |
| 43- | | ,xjkst+ tSy bysDVªksQksjsfll ;wfuV] ikoj lIykbZ lfgr |
| 44- | | ikWyh,fØysekbM tSy bysDVªksQksjsfll ;wfuV] ikoj lIykbZ lfgr |
| 45- | | ;wih,l lfgr FkeksZlkbDyj |
| 46- | | ,fylk] ghesXywfVus'ku&bufgfc'ku] lSy dYpj ds fy, eYVh&oSy ekbØksVkbVj IysV~l |
| 47- | | fofHkUu ekiksa ds lSy dYpj ¶ykLd |
| | ¼27½ | i'kq foÑfr foKku foHkkx esa fuEufyf[kr midj.k gksus pkfg,% |
| 1- | | ckbukWD;wyj ekbØksLdksi |
| 2- | | fofHkUu fgLVksiSFkksykWftdy oz.kksa ds uewuksa dh LykbMsa |
| 3- | | jksVjh ekbØksVkse] irys vuqPNsnksa dh lqfo/kk lfgr |
| 4- | | ,y*eksYM vkSj CykWd ¼var%LFkkiu ds fy,½ ;k fV'kw dSIlwy |
| 5- | | iSjkfQu ¶yksVs'ku ckFk ¼rki fu;a=.k 55&650 fMxzh ls½ |
| 6- | | rIr ok;q vksou |
| 7- | | jsfÝtjsVj |

| | | |
|---|---|---|
| 8- | LykbM dSfcusV 1000 {kerk | |
| 9- | LykbMksa ds cDls & 100 {kerk | |
| 10- | LVsfuax tkj] difyax tkj] cksrysa bR;kfn | |
| 11- | Ård dkVus dk cksMZ | |
| 12- | uewuksa ds tkjksa] cksryksa bR;kfn ds fy, jSd | |
| 13- | uewuksa ds fy, tkj] [kqys eqag dh cksrysa | |
| 14- | rIr ok;q vksou ¼rkieku 250 fMxzh ls-½ | |
| 15- | NksVs i'kqvksa ds fy, 'ko ijh{kk est | |
| 16- | iksLV ekWVZe ds midj.k ;k ;a=] tSls pkdw] dSaph] Nsuh] vkjh] ilyh dkVus dh vkjh] CysM ¼,lksfVZM½ ;qDr Nqjh] drjuh] vfLFk dVj] vkjh] lku bR;kfn | ÁR;sd 5 |



| | | |
|---|---|---|
| 17- | lqj{kk oL= ¼nLrkus] jcM+ dk ,sÁu] p'ek] xecwV] ekdZ ,oa Vksih½ | vko';drkuqlkj 1 |
| 18- | dadky Vªk Wyh | 1 |
| 19- | ekbØksVkse pkdw vkSj pkdw dh lku | 1 |
| 20- | eksuksiSu fMftVy rjktw | vko';drkuqlkj |
| 21- | uewuksa ds ladyu vkSj ifjogu ds fy, <Ddunkj | ,sfPNd |
| | IykfLVd dh Vcsa vkSj ckfYV;ka | 1 |
| 22- | 'khr d{k ;wfuV | 1 |
| 23- | vkWVksDyso | 5 |
| 24- | lsaVªh¶;wt | 15 |
| 25- | jSd lfgr foaVjksc ufydk | 1 |
| 26- | ghekslkbVksehVj | ,sfPNd |
| 27- | Qst+ dkW.VªkLV ekbØksLdksi | 5 |
| 28- | Øk;ksLVSV ¼ekbØksVkse½ | 1 |
| 29- | Mh,ylh ds fy, eSdsfudy lSy dkmaVj | 1 |
| 30- | ekbØksghesVksfØV lsaVªh¶;wt ,oa jhMj | 20 |
| 31- | jSd lfgr osLVjxzhu V~;wc | 1 |
| 32- | fMÝht+ ¼&20 fMxzh ls½ NksVs i'kqvksa vkSj uewuksa ds fy, | vko';drkuqlkj |
| ¼28½ | i'kq vuqokaf'kdh ,oa Átuu foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | 1 |
| 1- | lsaVªh¶;wt | vko';drkuqlkj |
| 2- | ekbØksLdksi | 1 |
| 3- | Qst+ dkWUVªkLV ekbØksLdksi | 1 |
| 4- | LykbMksa ds cDls | 2 |
| 5- | uewuksa ds fy, jSd] vYekjh | 1 |
| 6- | pkVksZa] Mk;xzkeksa ds fy, HkaMkj.k cDls | 3 |
| 7- | U;wure 15 ls 20 dEI;wVjksa lfgr dEI;wVj Á;ksx'kkyk | 1$1¾ |
| | | 2 |
| | | 6 |
| ¼29½ | i'kq iks"k.k foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | 1 |
| 1- | foys fey | 2 |
| 2- | rIr ok;q vksou | 2 |
| | | 1 |

| | | |
|---|---|---|
| 3- | gkWV IysV csap ¼lh,Q vuqekuu½ | 1 |
| 4- | bysDVªksfud eksuksiSu rjktw | |
| 5- | eQy Qjusl | |
| 6- | MslhdsVj | |
| 7- | lD'ku iEi | |
| 8- | DtsyMky ikpu Á.kkyh | |
| 9- | DtsyMky fMfLVys'ku Á.kkyh | |
| 10- | lkWDlysV midj.k lSV | |
| 11- | okWVj ckFk | |



| | | |
|---|---|---|
| 12- | gkWV IysV | 2 |
| 13- | QhM IykaV ¼okaNuh;½ | 1 |
| ¼30 | i'kq vkS"k/k foKku ,oa fo"k foKku foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | |
| ½ 1- | i`FkDÑr fV'kw ckFk] lgk;d lkexzh lfgr | 2 |
| 2- | pwgksa vkSj pqfg;ksa ds fy, Ás{k.k fiatjs | ÁR;sd 10 |
| 3- | NksVs i'kqvksa dks rkSyus dk rjktw | 1 |
| 4- | eksuksiSu bysDVªksfud rjktw | 5 |
| 5- | ckbukWD;wyj ekbØksLdksi | 2 |
| 6- | LisDVªksQksVksehVj | 1 |
| 7- | lsaVªh¶;wt ¼3000 vkjih,e½ | 1 |
| 8- | laxejej ds LySc | 30 |
| 9- | LiSpqyk ¼yksgs] IykfLVd vkSj ,cksukbV½ | 30 |
| 10- | eksVkZj ,aM isLVy ¼ikslZysu vkSj dkap½ | 30 |
| 11- | fofHkUu ekiksa dk Xykl ekih] flfyaMj ekih | 30 |
| 12- | ih,p ehVj ¼fMftVy½ | 1 |
| 13- | oksjVsDl 'ksdj | 5 |
| 14- | 'kY; fpfdRlk ds ;a=ksa ds iSd | 2 |
| 15- | QksVks,DVksehVj | 1 |
| 16- | ,aVhck;ksfVd t+ksu jhMj | 1 |
| 17- | gkWV IysV ,uythfl;ksehVj | 1 |
| 18- | pwgksa ds fy, jksVkjkWM ;k VªsMfey | 1 |
| 19- | ofuZ;j dSfyij | 1 |
| 20- | IySfFkLeksehVj | 1 |
| 21- | ySfeuj ¶yks ;k ck;ksls¶Vh dsfcusV | 1 |
| 22- | bUD;wcsVj | 1 |
| 23- | vkWVksDyso | 1 |
| 24- | pwgk gksYMj | 20 |
| 25- | rIr ok;q vksou | 1 |
| 26- | /kkfRod ;k busey ;qDr Vªs | 25 |
| 27- | jsfÝtjsVj | 2 |
| ¼31 | | |
| ½ 1- | i'kq fpfdRlk yksd LokLF; ,oa egkekjh foKku foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | |
| 2- | ckbukWD;wyj ekbØksLdksi | 10 |

| | | |
|---|---|---|
| 3- | lhjksykWftd ty ckFk | 2 |
| 4- | ih,p ehVj | 2 |
| 5- | LisDVªksQksVksehVj | 1 |
| 6- | lsaVªh¶;wt | 1 |
| 7- | QkWLQVst+ vkSj fjlkt+qfju fMLd ;qDr yksohckW.M ;k led{k | 1 lSV |
| | dkWyksuh dkmaVj | 2 |



| | | |
|---|---|---|
| 8- | cuZj | 10 |
| 9- | rjktw | 1 |
| 10- | bysDVªksfud rjktw | 2 |
| 11- | vkWVksDyso | 2 |
| 12- | rIr ok;q vksou | 2 |
| 13- | ch-vks-Mh- bUD;wcsVj | 1 |
| 14- | bUD;wcsVj | 3 |
| 15- | ekbØksfiisV ¼vkSj fVi] vko';drkuqlkj½ | 12 |
| 16- | Mhi Ýht+ &20 fMxzh ls- | 1 |
| 17- | ySfeuj ¶yks | 2 |
| 18- | ok;q lSEiyj | 1 |
| 19- | usVofdZax ds lkFk MkVk ÁkslSflax ,oa Áksxzkfeax ;wfuV | 10 |
| 20- | Á;ksx'kkyk jsfÝtjsVj 500 yh- | 3 |
| 21- | lSEiy cSx feDlj | 1 |
| 22- | ty fo'ys"k.k Á.kkyh | 1 |
| 23- | ekbØksIysV ;k ,fylk jhMj | 1 |
| 24- | fV'kw gkseksftukbt+j | 1 |
| 25- | lgk;d lkexzh lfgr mPp fu"iknd nzo ØksesVksxzkQh | 1* |
| 26- | xSl ØksesVksxzkQh ;wfuV] lHkh lEiw.kZ lgk;d lkexzh lfgr | 1* |
| 27- | ijek.kfod vo'kks"kd LisDVªksQksVksehVjh] lHkh lgk;d lkexzh lfgr | 1* |
| 28- | jksVjh 'ksdj | 1 |
| 29- | lksesfVd lSy dkmaVj | 1 |
| 30- | oksjVsDl 'ksdj | 3 |
| 31- | pqEcdh; LVjj | 3 |
| 32- | tSo lqj{kk dSfcusV ysoy&II | 1 |
| 33- | *bu lqfo/kkvksa dks vU; foHkkxksa ;k dsanzh; ;a=hdj.k vFkok Á;ksx'kkykvksa ds lg;ksx esa Á;skx fd;k tk ldrk gSA | |

¼32½ i'kq ijthoh foKku foHkkx esa fuEufyf[kr midj.k gksus pkfg,%

1- vkWVks Dyso
2- rIr ok;q vksou
3- jsfÝtjsVj
4- Ádk'k layXud lfgr mPp 'kfDr rsy fueTtu ;qDr ckbukWD;wyj ekbØksLdksi
5- Qst+ dkWUVªkLV ekbØksLdksi

| | | |
|---|---|---|
| 6- | lsaVªh¶;wt | |
| 7- | eYVhiy vkbZihl Án'kZd ;k eYVhgSM ekbØksLdksi | |
| 8- | vkbZihl dEiSfjt+u | |
| 9- | LykbM dSfcusV | |



| | | |
|---|---|---|
| 10- | LykbMksa ds cDls | 15 |
| 11- | MsfldsVj | 3 |
| 12- | dqy dkmaVj | 2 |
| 13- | fMlsD'ku lsV | 5 |
| 14- | LVhfj;ksLdksi | 15 |
| 15- | LVhfj;ks t+we ekbØksLdksi | 1 |
| 16- | eSd ekLVj LykbM | 10 |
| 17- | csjeu midj.k | 5 |
| 18- | Mhi Ýht+j | 1 |
| 19- | VªkbZukWD;wyj ekbØksLdksi | 1 |
| 20- | Lohfiax usV ;k ¶ykbZ dSfpax usV | vko';drkuql |
| 21- | dhV ekjd tkj | vko';drkuql |
| 22- | ykbV VªSi | vko';drkuql |
| 23- | dhV ckWDl | vko';drkuql |
| 24- | Qqgkju iEi | vko';drkuql |
| 25- | rjktw ¼fMftVy½ | vko';drkuql |
| 26- | ekbØksehVj LVst | vko';drkuql |
| 27- | ekbØksehVj & vkbZihl | vko';drkuql |
| 28- | ,LihjsVj | vko';drkuql |
| 29- | dhV ikyd fiatjs | vko';drkuql |
| 30- | LVsfuax jSd | vko';drkuql |
| 31- | fMthVy ih,p ehVj | vko';drkuql |
| 32- | E;wft+;e jSd | vko';drkuql |
| 33- | LVhy dh vYekjh ¼cM+h½ ekbØksLdksi j[kus ds fy, | vko';drkuql |
| 34- | fMftVy dSejk | 1 |
| 35- | chvksMh buD;wcsVj | 1 |
| ¼33½ | i'kq/ku mRikn ÁkS|ksfxdh foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | |
| 1- | ,scs fjÝsDVksehVj | 1 |
| 2- | vkWVksDyso | 1 |
| 3- | if{k;ksa dks rkSyus ds fy, rjktw | 1 |
| 4- | o/k djus dks lSV ¼pkdw bR;kfn½ | 5 |
| 5- | eD[ku dh enkuh | 1 |
| 6- | C;wVkbjksehVj | 50 |
| 7- | Øhe lSijsVj | 1 |
| 8- | Mhi Ýht+ | 1 |
| 9- | bysDVªksfud eksuksiSu rjktw | 1 |
| 10- | beiYl lhyj | 1 |

11- QwM Ákslslj 1
[Hkkx III µ[k.M 4º Hkkjr dk jkti=k % vlk/kj.k

| | | |
|---|---|---|
| 12- | xcZj lsaVªh¶;wt | 1 |
| 13- | rIr ok;q vksou | 2 |
| 14- | rIr ty ckFk | 1 |
| 15- | ekal dkVus dh e'khu | 1 |
| 16- | ih,p ehVj fMftVy | 2 |
| 17- | ÁS'kj dqdj | 2 |
| 18- | jsfÝtjsVj | 1 |
| 19- | lkWlst fQyj | 1 |
| 20- | NksVs i'kqvksa ds rjktw | 1 |
| 21- | LVwMsaV ekbØksLdksi | 1 |
| 22- | bysDVªksfud LVfuax midj.k | 1 |
| 23- | CyhfMax dksu | 2 |
| 24- | tykus okyh Vadh | 1 |
| 25- | ia[k mrkjus dh e'khu | 1 |
| 26- | varM+h mrkjus dh est | 1 |
| 27- | fgLls dkVus dh e'khu | 1 |
| 28- | ofuZ;j dSfyij | 10 |
| 29- | vekZldksi | 1 |
| 30- | ySDVksehVj | 50 |
| 31- | LØw xst | 10 |
| 32- | LQsjksehVj | 10 |
| 33- | dSfIVo cksYV fiLVy | 1 |

¼34½ i'kq fpfdRlk ,oa i'kq ikyu foLrkj f'k{kk foHkkx esa fuEufyf[kr midj.k gksus

| | | |
|---|---|---|
| 1- | 72**x 96** LØhu dk vksojgSM ÁkstsDVj | 1 |
| 2- | LØhu ;qDr ,ylhMh ÁkstsDVj | 1 |
| 3- | eYVhehfM;k ÁkstsDVj | 1 |
| 4- | fot+qvykbt+j | 1 |
| 5- | lkoZtfud lacks/ku Áz.kkyh | 1 |
| 6- | baVjusV lqfo/kk ;qDr dEI;qVj Á;skx'kkyk | 15 |
| 7- | baVj,fDVo cksMZ | 1 |
| 8- | baVj,fDVo iSuy | 1 |
| 9- | fMftVy dSejk | 2 |
| 10- | ohfM;ks dSejk ¼pMh½ | 1 |
| 11- | {ks= esa Hkze.k ds fy, xkfM+;ka ¼35 lhV okyh½ | ,sfPNd |
| 12- | fMftVy fjdkWfMZax ;wfuV] lgk;d midj.kksa vkSj lkW¶Vos;j lfgr | 1 |
| 13- | ohfM;ks lEiknu ;wfuV] lkW¶Vos;j lfgr | 1 |
| 14- | ,ybZMh 50** dk ekWuhVj | 1 |



¼35½ i'kq 'kY; fpfdRlk ,oa jsfM;kykWth foHkkx esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | NksVs i'kqvksa ds fy, LVsuySl LVhy ds iVy okyh vkWijs'ku Vscy | |
| 2- | NksVs i'kqvksa dks rS;kj djus dh LVsuySl LVhy ds iVy dh Vscy | 2 |
| 3- | MªSflax Mªe ¼NksVk½ | 5 |
| 4- | MªSflax Mªe ¼cM+k½ | 4 |
| 5- | ;a= ;k fljhat thok.kquk'kd | 3 |
| 6- | LVsuySl LVhy dh Vªs 12**x15** vFkok 15**x18** | 6 |
| 7- | LVsuySl LVhy dh Vªs 8**x10** | 8 |
| 8- | dSaph 8** vFkok 10**] fDyfiax | 2 |
| 9- | dSaph Mªsflax | 4 |
| 10- | fpeVh phVy | 4 |
| 11- | ySEi ¼Nk;k jfgr½ | 4 |
| 12- | var%f'kjk fMªi yxkus ds LVSaM | 8 |
| 13- | iSj ;k dksguh lksi fMLisalj | 4 |
| 14- | eq[k ca/ku ¼NksVs i'kq½ | 4 |
| 15- | eq[k ca/ku ¼cM+s i'kq½ | 2 |
| 16- | ,aMksVªsfd;y V~;wc ¼d¶M ;k ukWu&d¶M½ ¼NksVs i'kq½ | 6 |
| 17- | ,aMksVªsfd;y V~;wc ¼d¶M ;k ukWu&d¶M½ ¼cM+s i'kq½ | 2 |
| 18- | NksVs i'kqvksa ds fy, osiksjkbt+j lfgr fu'psrd e'khu | 1 |
| 19- | cM+s i'kqvksa ds fy, osiksjkbt+j lfgr fu'psrd e'khu | 1 |
| 20- | vEcw jsfLijsVj | 1 |
| 21- | bysDVªksdkfMZ;ksxzke] cSVjh lapkfyr ;k iksVsZcy | 1 |
| 22- | dSFksVj] eSuksehVj bR;kfn | vko';drkuql |
| 23- | i'kqvksa dks fu;af=r djus ds fy, lwrh Vsi | vko';drkuql |
| 24- | iksft+'kfuax iSM | 4 |
| 25- | NksVs i'kqvksa ds fy, 'kY; fpfdRlk iSM | vko';drkuql |
| 26- | cM+s i'kqvksa ds fy, 'kY; fpfdRlk iSM | vko';drkuql |
| 27- | nLrkus vkSj jcM+ dk lkeku | vko';drkuql |
| 28- | cNM+ksa] o;Ld xkSi'kqvksa] ?kksM+ksa bR;kfn ds fy, Vªsfol | vko';drkuql |
| 29- | cM+s i'kqvksa ds fy, Vªkyh ,oa vkWijs'ku Vscy | vko';drkuql |
| 30- | cNM+ksa ds fy, ukyh ;qDr vkWijs'ku Vscy | vko';drkuql |
| 31- | vkWVksDyso | 2 |
| 32- | midj.kksa ds fy, dSfcusV | vko';drkuql |
| 33- | lqbZ vkSj IysV yxkus ds fy, fodykax fpfdRlk dk iwjk lSV | 1 |
| 34- | us= fpfdRlk ds midj.k ;k Ldksi bR;kfn | ,d lSV |
| 35- | cM+s vkSj NksVs i'kqvksa ds fy, nkar laca/kh midj.k | ÁR;sd ds fy, ,d |
| 36- | Fkuksa vkSj Lrukxz ds midj.k | vko';drkuql |
| 37- | lEiw.kZ ,aMksLdksih ;wfuV ¼dBksj vkSj yphyk½ | ,d ;wfuV |
| 38- | ySÁksLdksih ;wfuV | ,d ;wfuV |

[1]Hkkx IIIµ[k.M 4º Hkkjr dk jkti=k % vlk/kj.k

| | | |
|---|---|---|
| 39- | jsfÝtjsVj | 2 |
| 40- | Hkkj rSkyus ds midj.k ;k rjktw | ,d lSV |
| 41- | ck;ksIlh ds midj.k | 1 |

| | | |
|---|---|---|
| 42- | bysDVªks ltZjh ;wfuV | vko';drk |
| 43- | dkWVsjh lSV | 1 |
| 44- | bysfDVªd fLVeqysVj ;k xSYosukbt+j] QSjkfMd bR;kfn | vko';drk |
| 45- | y?kq&rjax ;k lw{e rjax Mk;kFkehZ ;wfuV] fMLd iSM vkSj dkWby bysDVªkMksa lfgr | 1 |
| 46- | vYVªklksfud fLVeqysVj ;k fpfdRlk ;wfuV | 1 |
| 47- | ,Dljs ;wfuV 500 ,e,] 150 dsohih] vksojgSM VªkWyh ekWMy | 1 |
| 48- | ,Dljs ;wfuV VªkWyh ekWMy] ^lh*vkeZ ¶yksjksLdksi] best bUVsaflQk;j lfgr | 1 ¼sfPNd |
| 49- | LikWV fQYe] ohfM;ks fjdkWfMZax ,oa best Ýhft+ax lqfo/kk,a | 1 ¼sfPNd |
| 50- | vYVªklksfud Mk;xuksfLVd ;wfuV] ohfM;ks fjdkWMZj | 1 ¼sfPNd |
| 51- | vYVªkokW;ysV ySEi | 1 |
| 52- | bUÝk jsM ySEi | 1 |
| 53- | ,Dl&js lgk;d lkexzh] dSlsV] fQYe dSfj;j] fMokbMj] fxzM] bUVsflQkbM LØhu ¼nqyZHk [kfut dks ojh;rk½ | vko';d |
| 54- | lqj{kk ;a= ¼fQYe cSt] yhM nLrkus] yhM ,Áu] p'es] yhM LØhu½ | vko';drkuqlkj |
| 55- | MkdZ :e dh lkexzh ¼Ákslsflax Vadh] Mªk;j] gSaxj] ls¶Vh ySEi] fQYe j[kus ds fMCcs] fQYe&,Dlpsat foaMks] Lihfdax fxzy] MkdZ :e ds ,Dt+gkWLV bR;kfn | vko';drk |
| 56- | cM+s i'kqvksa ds fy, i'kq ifjogu VªkWyh | 1 ¼sfPNd |
| 57- | NksVs i'kqvksa ds fy, LVªspj | 1 |
| 58- | dkap ds midj.k] lhfjat] vkS"kf/k;ka] nok,a bR;kfn | vko';drk |
| 59- | ,Dl&js fQYe Án'kZd | 4 |
| 60- | fQYe fjdkWMZ VªSd lfgr ,Dl&js fQYe E;wft+;e | 1 |
| 61- | i'kqvksa dks dkcw djus ds fofHkUu midj.k | 1 1 |
| 62- | dEI;wVjhÑr jsfM;ksxzkQh Á.kkyh] lgk;d lkexzh lfgr | 1 ¼sfPNd |
| 63- | NksVs i'kqvksa ds fy, ySfjatksLdksi | 1 |
| 64- | cM+s i'kqvksa ds fy, ySfjatksLdksi | 1 |
| 65- | NksVs i'kqvksa ds fy, eYVhiSjkehVj ekWuhVj ;k NksVs i'kqvksa ds Ák.k ladsr ekWuhVj | 1 ¼sfPNd |
| 66- | cM+s i'kqvksa ds fy, eYVhiSjkehVj ekWuhVj ;k cM+s i'kqvksa ds Ák.k ladsr ekWuhVj | 1 |
| 67- | vksVksLdksi | 1 ¼vko';drku |
| 68- | VªsfQuj | 2 |
| 69- | ohuxkFkZ j~;wesuksVkWeh lSV | 2 |



| | | |
|---|---|---|
| 70- | ÁkscSax | 2 |
| 71- | ukfldk&mnj ufydk | 2 |
| 72- | VªsfdksVkWeh ufydk | 2 |
| 73- | is'kh Áfrd"kZd | 2 |
| 74- | mnj ds DySEi | 2 |
| 75- | varfM+;ksa ds DySEi | 2 |

| | | |
|---|---|---|
| 76- | gkWcy lSV | 1 lSV |
| 77- | pw"k.k midj.k | 1 |
| 78- | jksxh dks xeZ j[kus ds midj.k | 1 ¼,sfPNd½ |
| 79- | fctyh ds fDyij | 2 |
| 80- | vYVªklkmaM MsaVy Ldsyj | 1 |
| 81- | ¶yqbM okeZj | |
| 82- | fu"kspu iEi | 1 ¼vko';drkuqlkj½ |
| 83- | ,fFkyhu vkWDlkbM LVjykbt+j | 1 |
| 84- | [kqjksa ds midj.k | 1 lSV |
| ¼36½ | i'kq vkS"kf/k foHkkx esa fuEufyf[kr midj.k gksus pkfg,% | |
| 1- | ekbØksLdksi & ckbukWD;wyj | 10 |
| 2- | lsaVªh¶;wt& lkekU; | 2 |
| 3- | i'kqvksa dks rkSyus dk rjktw | vko';drkuqlkj |
| 4- | bysDVªksfud eksuksiSu rjktw | 2 |
| 5- | fMthVy ih,p ehVj | 2 |
| 6- | ekbØksghesVksfØV lsaVªh¶;wt] ufydk lfgr | 1 |
| 7- | bUD;wcsVj | 1 |
| 8- | rIr ok;q vksou | 1 |
| 9- | ty ckFk | 1 |
| 10- | MkdZ QhYM ekbØksLdksi | 1 |
| 11- | vkWVksDyso | 1 |
| 12- | ch-vks-Mh- bUD;wcsVj | 1 |
| 13- | LVsFkLdksi] ,d ls vf/kd b;j ihl lfgr | 3 lSV |
| 14- | chdj] ¶ykLd] fiisV] bR;kfn | vko';drkuqlkj |
| 15- | NksVs i'kqvksa ds fy, ijh{kk Vscy &LVsuySl LVhy | 6 |
| 16- | fMªi LVSaM | 8 |
| 17- | ofuZ;j dSfyij | 5 |
| 18- | V~;wcjdqfyu flfjat | 10 |
| 19- | U;wcsÅj LykbMsa | 10 |
| 20- | bysDVªksQksjsfll ;wfuV | 1 |
| 21- | fjÝsDVksehVj | 3 |
| 22- | ,fylk jhMj | 1 |

[1]Hkkx IIIµ[k.M 4º Hkkjr dk jkti=k % vlk/kj.k

| | | |
|---|---|---|
| 23- | FkeksZlkbDyj | 1 |
| 24- | ekbØksfiisV ¼lc ekiksa ds½ | 3x5 |
| 25- | ySfeuj ¶yks | 1 |
| 26- | fo|qr lqpkyd ehVj | 2 |
| 27- | MkVZ xu | 1 |
| 28- | ,aMksLdksih ;wfuV | 1 lSV |
| 29- | us=&n'khZ ¼vksiFkSYeksLdksi½ gLr | 3 |
| 30- | vksVksLdksi | 2 |

| | | | |
|---|---|---|---|
| 31- | chih midj.k | | 2 |
| 32- | Ák.k ladsr ekWuhVj | | 1 |
| 33- | fu"kspu iEi | | 1 |
| 34- | 'khryu lsaVªh¶;wt | | 1 |
| 35- | jsfÝtjsVj | | 2 |
| 36- | Mhi Ýht+j | | 1 |
| 37- | tSo jklk;fud Lor% fo'ys"kd | | 1 |
| 38- | bysDVªksykbV fo'ys"kd | | 1 |
| 39- | ew= fo'ys"kd | | 1 |
| 40- | fDyfudy ghesVksykWth fo'ys"kd | | 1 |
| 41- | bZlhth e'khu | | 2 |
| 42- | vYVªklksuksxzkQh | | 1 |
| 43- | vkWDlhtu lkanzd | | 1 |
| 44- | mPp xfr lsaVªh¶;wt | | 1 |
| 45- | xzsfM,aV ihlhvkj | | 1 |
| 46- | ÁFke vkek'; nzo fu"d"kZ.k iEi | | 1 |
| 47- | lD'ku iEi | | 1 |
| 48- | ;wjhuksehVj | | 5 |
| 49- | ck;ksIlh uhMy | vko';drkuqlkj | |
| 50- | eq[k iV~Vh | | 2 |
| 51- | mnj ufydk | | 6 |
| ¼37½ | i'kq eknk jksx ,oa Álwfr foKku foHkkx esa fuEufyf[kr midj.k gksus | | |
| 1- | NksVs i'kqvksa ds fy, ijh{kk Vscy | | 04 |
| 2- | var%f'kjk LVSaM | | 04 |
| 3- | midj.k VªkWyh | | 02 |
| 4- | midj.k dSfcusV | | 02 |
| 5- | fofHkUu tkfr;ksa ds i'kqvksa ds fy, ;ksfu LisD;wye | ÁR;sd ds fy, 02 | |
| 6- | xHkkZ'k; ck;ksIlh dSFksVj | | 02 |
| 7- | vYVªklkmaM e'khu] cgqxqf.kr vkorhZ] xqnk vkSj mnj ij[k lykbZ ;qDr dyj MkWiyj lfgr | | 01 |



| | | |
|---|---|---|
| 8- | vuhek dSu | 02 |
| 9- | ,y,u2 daVsuj] iksVsZcy ,oa vf/kd {kerk ;qDr ¼3yh]5yh]20yh½ | 01 |
| 10- | vkWVksDyso | 01 |
| 11- | rIr ok;q vksou | 01 |
| 12- | cM+s vkSj NksVs i'kqvksa ds fy, izlwfr tkap lSV | 1 ÁR;s |
| 13- | ckbukWD;wyj LVqMsaV ekbØksLdksi | 25 |
| 14- | ghekslkbVksehVj | 25 |
| 15- | buofVZM ekbØksLdksi | 01 |
| 16- | QkYVu ckWDl | 01 |
| 17- | fofHkUu i'kq tkfr;ksa esa oh;Z ladyu ds fy, Ñf=e ;ksfu | 10 lSV |
| 18- | fofHkUu tkfr;ksa ds fy, bysDVªks L[kyfu= ¼cSy] lkaM] dqÙkk½ | 01 ÁR |

| | | |
|---|---|---|
| 19- | oh;Z fQfyax] fÁafaVax vkSj lhfyax midj.k | 01 ,sfPNd |
| 20- | oh;Z fge 'khryu ik= | 01 ,sfPNd |
| 21- | ysVsDl ykbuj] dksu] ,oh ds fy, bUlqys'ku cSx | 02 |
| 22- | jsfÝtjsVj | 01 |
| 23- | fofHkUu tkfr;ksa ds fy, ,vkbZ xu | ÁR;sd ds fy, 1 |
| 24- | ih,p ehVj | 01 |
| 25- | dka= ds ik= vkSj jlk;u rFkk LVsu] vko';drkuqlkj | 01 |
| 26- | uewus ds tkj | 10 |
| 27- | LykbM okWeZj | 01 |
| 28- | Mhi Ýht+j | 01 |
| 29- | baVªk;wVsjkbu dSFksVj | 10 |
| 30- | ;wjhujh dSFksVj | 04 |
| 31- | fyax dh Li'kZ tkap ds fy, est | vko';drkuq |

¼38½ i'kq fDyfudy dkWEiysDl foHkkx esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | Vªsfol& cM+s i'kqvksa ds fy, | 5 |
| 2- | Vªsfol& ?kksM+ksa ds fy, | 1 |
| 3- | Bsyk xkfM+;ka | 4 |
| 4- | fMªi LVSaM | 20 |
| 5- | MkVZ xu | 2 |
| 6- | gkbMªkWfyd tkap est & NksVs&cM+s i'kqvksa ds fy, | 1$4 |
| 7- | NksVs i'kqvksa ds fy, ijh{kk est | 4 |
| 8- | midj.k VªkWyh | 8 |
| 9- | ,ybZMh ÁkstsDVj] dEI;wVj flLVe lfgr | 1 |
| 10- | dqÙkksa ;k fcfYy;ksa ds fy, LVªspj | 3 |
| 11- | xfr'khy fLyax& cM+s i'kq | 2 |
| 12- | xfr'khy fLyax& NksVs i'kq | 2 |



| | | |
|---|---|---|
| 13- | cM+s vkSj NksVs i'kqvksa ds fy, Hkkj rkSyus dk rjktw | 1 ÁR;s |
| 14- | gkbiksFkfeZd vkSj gkbijFkfeZd jksfx;ksa ds fy, rki fu;af=r d{k | 1 |
| 15- | NksVs i'kqvksa ds fy, LVªspj | 2 |
| 16- | l?ku ns[kHkky d{k ¼NksVs vkSj cM+s i'kqvksa ds fy,½ | 1$1 |
| 17- | gkbMªksfyd fy¶V | 1 |

¼39½ vkS"kf/k vuqHkkx esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | ,d ls vf/kd bZ;jihl okyk LVsFkLdksi | 6 lSV |
| 2- | lh,eVh iSMy] vfHkdeZdksa lfgr | 3 lSV |
| 3- | eq[k iV~Vh& cM+s i'kq | 3 |
| 4- | eq[k iV~Vh& NksVs i'kq | 2 |
| 5- | ukfldk&mnj ufydk& ?kksM+s | 3 |
| 6- | mnj ufydk ¼xkSi'kqvksa ds fy,½ | 3 |

| | | |
|---|---|---|
| 7- | mnj ufydk ¼dqÙkksa ;k fcfYy;ksa ds fy,½ | 3 |
| 8- | Vªksdj ,oa dSuqyk | 5 |
| 9- | fQusUMksLdksi | 4 |
| 10- | IysDlhehVj ,oa vk?kkr gFkkSM+s | 4 |
| 11- | bysDVªksdkfMZ;ksxzke ¼iksVsZcy ekWMy½ | 1 |
| 12- | jDr nkc midj.k | 3 lSV |
| 13- | us=n'khZ] ÁR;{k gLrh | 2 |
| 14- | vksVksLdksi | 1 |
| 15- | ySfjatksLdksi | 1 |
| 16- | ÅlksQsxlLdksi | 1 |
| 17- | Vªsfd;ksLdksi | 2 |
| 18- | gheksMk;fyfll ;wfuV | {ks= o- vko';drkuqlk |
| 19- | jsfÝtjsVj | 1 |
| 20- | LVsuySl LVhy dk fo"kk.kquk'kd | 1 |

¼40½ eknkjksx vuqHkkx esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | dkeksUekn lalwpd | 5 |
| 2- | fofHkUu i'kq tkfr;ksa ds fy, ;ksfu nÁ.k | {ks= dh vko';drkuqlk |
| 3- | xHkkZ'k; ck;ksIlh dSFksVj | 01 |
| 4- | vYVªklksuksxzkQh e'khu] xqnk vkSj mnj tkap lykbZ lfgr | 01 |
| 5- | ,y,u2 daVsuj] iksVsZcy ,oa vf/kd {kerk ;qDr ¼3yh]5yh]20yh½ | 1 ÁR;s |
| 6- | ostkbuksLdksi | 1 |
| 7- | Álwfr midj.k | 3 lSV |
| 8- | fQVksVkseh midj.k ¼Fkkbxlu fQVksVkse½ | 2 lSV |
| 9- | Hkzw.k mPNsnu pkdw | 2 |



| | | |
|---|---|---|
| 10- | ok;j lkW xkbMj | 2 |
| 11- | ik'k ;k Qank ¼1-5 eh yEck½ | 10 |
| 12- | yECcs vkSj NksVs gRFks okyk ,ukyksjs;s gqd | ÁR;sd ds fy |
| 13- | rkj dh vkjh | vko';drkuq |
| 14- | fofHkUu tkfr;ksa ds fy, ,vkbZ xu | {ks=h; t:jr ds vuqlkj |
| 15- | uewuksa ds fy, tkj | 30 |
| 16- | baVªk;wVsjkbu dSFksVj | 05 |
| 17- | ;wfjujh dSFksVj | 05 |
| 18- | uotkr cNM+ksa ds fy, tSfod bUD;wcsVj | 01 |
| 19- | xHkkZ'k; nzo ds fy, pw"k.k iEi | 01 |
| 20- | NksVs o cM+s i'kqvksa esa lht+sfj;u dkV ds fy, 'kY;fØ;k ds iSd | 5 ÁR;sd |
| 21- | fiNys Hkkx ds mRFkkid | 1 |

¼41½ 'kY; fpfdRlk vuqHkkx esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | ,aMksLdksih ;wfuV | 2 |
| 2- | fu"kspu iEi | 1 |

| | | |
|---|---|---|
| 3- | vkWDlhtu lkanzd | 1 |
| 4- | ÁFke vkek'k; nzo pw"k.k iEi | 1 |
| 5- | Nk;k jfgr vks Vh ykbV | 2 |
| 6- | NksVs i'kqvksa dks rS;kj djus fy, LVsuySl LVhy iVy dh est | 2 |
| 7- | MªSflax Mªe ¼NksVs½ | 8 |
| 8- | MªSflax Mªe ¼cM+s½ | 4 |
| 9- | ;a= ;k lhfjat dhVk.kquk'kd | 3 |
| 10- | LVhuySl LVhy dh Vªs 12**x15** ;k 15**x18** | 6 |
| 11- | LVhuySl LVhy dh Vªs 8**x10** | 8 |
| 12- | dSaph 8** ;k 10** fDyfiax | 2 |
| 13- | ySEi ¼Nk;k jfgr] ,ybZMh ykbM lfgr½ | 2 |
| 14- | iSj ;k dksguh lksi fMLisalj | 4 |
| 15- | ,aMksVªsfd;y V;wc ¼dQnkj ;k fcuk dQnkj½ ¼NksVs i'kq½ | 6 |
| 16- | ,aMksVªsfd;y V;wc ¼dQnkj ;k fcuk dQnkj½ ¼cM+s i'kq½ | 4 |
| 17- | NksVs i'kqvksa ds fy, ok"ihdkjd lfgr laosnukgj.k e'khu | 1 |
| 18- | cM+s i'kqvksa ds fy, ok"ihdkjd lfgr laosnukgj.k e'khu | 1 |
| 19- | vEcw jsfLijsVj | 2 |
| 20- | byDVªksdkfMZ;ksxzke cSVjh lapkfyr ;k iksVsZcy | 1 |
| 21- | dSFksVj] eSuksehVj bR;kfn | vko';drkuq |
| 22- | iksft+'kfuax iSM | 8 |
| 23- | NksVs i'kqvksa ds fy, 'kY; fpfdRlk iSd | 6 |
| 24- | cM+s i'kqvksa ds fy, 'kY; fpfdRlk iSd | 8 |

[1]Hkkx III[k.M 4º Hkkjr dk jkti=k % vlk/kj.k

| | | |
|---|---|---|
| 25- | cNM+ksa ds fy, ukyh ;qDr vkWijs'ku Vscy | 2 |
| 26- | vkWVksDyso | 2 |
| 27- | midj.kksa ds fy, dSfcusV | 4 |
| 28- | fodykaxrk midj.k] lwbZ vkSj IysV yxkus dk iwjk lSV | 2 |
| 29- | us= laca/kh midj.k ;k Ldksi bR;kfn | {ks=h; t:jr ds vuqlkj |
| 30- | cM+s vkSj NksVs i'kqvksa ds fy, nkarksa ds midj.k | ÁR;sd ds fy, ,d |
| 31- | Fku ,oa Lrukxz midj.k | 2 lSV ;k vko';drkuqlkj |
| 32- | fo|qr 'kY;fØ;k ;wfuV | 2 |
| 33- | dkWVsjh lSV | 2 |
| 34- | y?kq rjax ;k lw{e rjax Mk;kFkehZ ;wfuV] fMLd iSM o dkWby bysDVªksM lfgr | 1 |
| 35- | vYVªklksfud fLVeqysVj ;k fpfdRlk ;wfuV | 1 |
| 36- | vYVªklksuksxzkQh e'khu | 1 |
| 37- | vYVªkokW;ysV ySEi | 1 |
| 38- | bUÝk jSM ySEi | 1 |
| 39- | ,Dl&js fQYe n'kZd | 2 |
| 40- | lgk;d lkexzh lfgr dEI;wVjhÑr jsfM;ksxzkQh Á.kkyh | 1 |
| 41- | NksVs i'kqvksa ds fy, ySfjatksLdksi | 1 |

| | | |
|---|---|---|
| 42- | cM+s i'kqvksa ds fy, ySfjatksLdksi | 1 |
| 43- | VªSfQuj | 2 |
| 44- | ohuxkFkZ j~;wesuksVkseh lSV | 6 |
| 45- | is'kh Áfrd"kZd | 2 |
| 46- | mnj ds DySEi | 2 |
| 47- | vkarksa ds DySEi | 2 |
| 48- | gkWcYl lSV | 2 |
| 49- | fofHkUu eki dh dSuqyk ¼cM+s vkSj NksVs i'kqvksa ds fy,½ | vko';drkuqll |
| 50- | dqÙks idM+us dk tky | 10 |
| 51- | dqÙkksa ds fy, vkgkj ,oa ikuh dk dVksjk | 10 |

¼42½ i'kq fpfdRlk funku Á;ksx'kkyk esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | ghekslkbVksehVj | 20 |
| 2- | gheksXykschuksehVj | 20 |
| 3- | lsaVªh¶;wt ¼lkekU;½ | 1 |
| 4- | ekbØksghesVksfØV lsaVªh¶;wt+] ufydk ds lSV lfgr | 1 |
| 5- | ekbØksLdksi ¼dEikmaM& ckbZukWD;wyj½ | 10 |
| 6- | dkap ds ik= | vko';drkuqlk |
| 7- | ck;ksIlh lqbZ;ka | vko';drkuqlk |
| 8- | ekfLVfVl ds fy, fo|qr pkydrk ehVj | 2 |
| 9- | ySfeuj ¶yks | 1 |



| | | |
|---|---|---|
| 10- | bUD;wcsVj ¼lkekU;$chvksMh½ | 1$1 |
| 11- | Mhi Ýht+j ¼&20 fMxzh ls-½ | 1 |
| 12- | rIr ok;q vksou | 1 |
| 13- | jsfÝtjsVj | 2 |
| 14- | vkWVksDyso | 2 |
| 15- | ekbØksoso vksou | 1 |
| 16- | ih,p ehVj ¼fMftVy Ádkj ds½ | 4 |
| 17- | lkekU; rjktw | 2 |
| 18- | bysDVªksfud eksuksiSu rjktw | 1 |
| 19- | f'k{k.k Á;ksx'kkyk ds fy, ÁkstsDVj ;qDr ekbØksLdksi | 1 |
| 20- | ofuZ;j dSfyij | 5 |
| 21- | U;wcsmj LykbM | 10 |
| 22- | ekbØksfiisV ¼lc ekiksa ds½ | 3x5 |
| 23- | tSo&jklk;fud Lor% fo'ys"kd | 1 |
| 24- | bysDVªksykbV fo'ys"kd | 1 |
| 25- | ew= fo'ys"kd | 1 |
| 26- | fDyfudy ghesVksykWth fo'ys"kd | 1 |
| 27- | laØked jksxk.kqvksa ds fy, uSnkfud fdV | vko';drkuqlkj |
| 28- | pqEcdh; LVjj | 1 |
| 29- | oksjVsDl feDlj | 1 |

¼43½ i'kq/ku QkeZ dkWEiysDl esa fuEufyf[kr midj.k gksus pkfg,%

| | | |
|---|---|---|
| 1- | LÁs;j | 1 |
| 2- | drjus ,oa NkaVus ds midj.k | 1 lSV |
| 3- | pksap dkVus ds midj.k | 1 |
| 4- | VSVw djus ds lSV VSx | 1 |
| 5- | , vkbZ midj.k ¼fofHkUu tkfr;ksa ds fy,½ | ÁR;sd ds fy, 1 lSV |
| 6- | vaMk dSaMyj | 1 |
| 7- | bUD;wcsVj ¼gSpjh½ | 1 |
| 8- | cSVjh czwMj | 1 |
| 9- | VªSi usLV | 5 |
| 10- | vaMksa dk Js.khdj.k e'khu | 1 |
| 11- | fefYdax e'khu lSV | 1 |
| 12- | pwt+ksa dk fyax fu/kkZj.k e'khu | 1 |
| 13- | Lopfyr LdsYMj | 1 |
| 14- | ofuZ;j dSfyij | 5 |
| 15- | LØw xst | 5 |



| | | |
|---|---|---|
| 16- | vf/kdre&U;wure FkekZehVj | 2 |
| 17- | lkbdksehVj | 1 |
| 18- | gs;j gkbxzksehVj | 1 |
| 19- | nw/k fudkyus ds fMCcs | 2 |
| 20- | nw/k fudkyus dh ikbysa | 2 |
| 21- | nw/k ekih | 1 |
| 22- | Øhe i`FkDdkjd | 1 |
| 23- | eD[ku eFkuh | 1 |
| 24- | czkafMax lSV | 1 |
| 25- | dSLVjsVj ¼fofHkUu tkfr;ksa | 1 |
| 26- | fo|qr fDyij | 1 |
| 27- | VªSDVj] Ñf"k midj.k ,oa vkStkj] e'khusa] tSls Hkwlk dVj | |
| 28- | ekbØksfpi jhMj | 1 |

## Hkkx **VII**

### i'kq fpfdRlk dkWystksa ds fy, Øe fu/kkZj.k dh ;kstuk

23- ,e,lohbZ fofu;eksa ds vuqlkj i'kq fpfdRlk dkWyst esa miyC/k HkkSfrd lqfo/kkvksa vkSj tu'kfDr dh Hkkfjrk dh x.kuk djus ds fy, Ldksj 'khV] ftls ifj"kn~ dks vkbZohlh vf/kfu;e 84 ds vuqPNsn 19 ds varxZr vk;ksftr fujh{k.k ds vk/kkj ij ewY;kafdr djuk gksxkA

| Ø-la- | ewY;kadu ds fy, lalwpd | vf/kdre vad | AkIrk |
|---|---|---|---|
| 1- | vk/kkjHkwr lqfo/kk,a | 500 | |

| | | | |
|---|---|---|---|
| | ¼d½ dqy miyC/k Hkwfe<br>vad Hkkjrh; i'kq fpfdRlk ifj"kn~ ds fofunsZ'kksa dh iwfrZ ds fy, fuekZ.k] dSEil dh lQkbZ vkSj lkSUn;hZdj.k dh xq.koÙkk ds vuqikr esa fn, tk,axs ¼vad vko';drk ds vk/kkj Hkh fn, tk ldrs gSa%<br>ekud LFkku ;k vf/kd iwjk djus ij & 40 vad<br>ek= ekud LFkku iwjk djus ij & 30 vad<br>ekud LFkku ls de iwjk djus ij & 20 vad½ | 40 | |
| | ¼[k½ dkWyst dh bekjr<br>ekud LFkku ;k vf/kd iwjk djus ij & 50<br>vad ek= ekud LFkku iwjk djus ij & 40<br>vad<br>ekud LFkku ls de iwjk djus ij & 30 vad½ | 50 | |
| | ¼x½ i'kq fpfdRlk dkWyst<br>& ljdkjh ;k viuh bekjr vkSj Hkwfe & 50<br>vad & iV~Vs ij & 40 vad<br>& Hkkxsnkjh ds vk/kkj ij & 20 vad | 50 | |
| | ¼?k½ i'kq fpfdRlk fDyfudy dkWEiysDl<br>¼ohlhlh½& ljdkjh ;k viuh bekjr vkSj Hkwfe & 50 vad & vkmVjhp lsaVj<br>& 40 vad | 50 | |



| | | | |
|---|---|---|---|
| | & iV~Vs ij & 40 vad<br>& Hkkxsnkjh ds vk/kkj ij & 20<br>vad | | |
| | ¼M+½ i'kq/ku QkeZ dkWEiysDl<br>¼,y,Qlh½<br>& ljdkjh viuh bekjr vkSj Hkwfe & 50<br>vad & iV~Vs ij & 40 vad<br>& Hkkxsnkjh ds vk/kkj ij & 20 vad | 50 | |
| | ¼p½ ykbczsjh<br>& cSBus dk LFkku ,oa {kerk% vf/kdre vad 15<br>&iqLrdksa dh la[;k% vf/kdre vad 15 &if=dk<br>;k i=ksa ;k fjiksVksZa dh la[;k vf/kdre vad 5 & dEI;wVj<br>;k baVjusV lqfo/kk% vf/kdre vad 10<br>&jsÁksxzkfQd lqfo/kk,a% vf/kdre vad 5 | 50 | |
| | ¼p½ gksLVy<br>¼d½ Nk=ksa dh fuEufyf[kr la[;k ds fy, lqfo/kk,a%<br>vf/kdre vad 20 80 Áfr'kr<br>;k vf/kd & 20<br>70&79 Áfr'kr & 10<br>40&69 Áfr'kr & 5<br>¼[k½ gksLVy esa lqfo/kk,a% vf/kdre vad 10 | 30 | |

| | | | |
|---|---|---|---|
| | ¼N½ lkekU; lqfo/kk,a<br>¼d½ cSBus ds LFkku rFkk n`';&JO; lkexzh ;qDr<br>d{kkvksa dh la[;k & vf/kdre vad 5<br>¼[k½ vkWfMVksfj;e & vf/kdre vad 5<br>¼x½ ijh{kk d{k & vf/kdre vad 5 ¼?k½ dsanzh; ;a=hdj.k lqfo/kk & vf/kdre vad 5<br>¼M+½ Ák;ksfxd i'kq ;wfuV & vf/kdre vad 5<br>¼p½ lsfeukj ;k lEesyu d{k & vf/kdre vad 5<br>¼N½ ifjogu lqfo/kk,a & vf/kdre vad 5<br>¼t½ dsanzh; dkWyst funku ySc & vf/kdre vad 5<br>¼>½ vuqj{k.k ;wfuV & vf/kdre vad 5<br>¼¥½ [ksy dk eSnku & vf/kdre vad 5 | 50 | |
| | ¼t½ fuokl LFkku<br>LVkWQ rFkka ,y,Qlh o ohlhlh dh vfuok;Z ,oa vkikrh lsokvksa ds fy, 80 Áfr'kr ;k vf/kd & 30<br>70&79 Áfr'kr & 20<br>40&69 Áfr'kr & 10 | 30 | |
| | ¼>½ Á;ksx'kkyk esa miyC/k LFkku<br>¼d½ Á;ksx'kkyk esa LFkku% vf/kdre | 100 | |



| | | | |
|---|---|---|---|
| | 80&100 Áfr'kr vuq'kaflr LFkku & 40&50<br>70&79 Áfr'kr vuq'kaflr LFkku & 30<br>60&69 Áfr'kr vuq'kaflr LFkku & 20<br>50&59 Áfr'kr vuq'kaflr LFkku & 10<br>50 Áfr'kr ls de vuq'kaflr LFkku & 5<br>¼[k½ Á;ksx'kkyk esa midj.k% vf/kdre vad%50 80&100 Áfr'kr vuq'kaflr midj.k & 40&50<br>70&79 Áfr'kr vuq'kaflr midj.k & 30<br>60&69 Áfr'kr vuq'kaflr midj.k & 20<br>50&59 Áfr'kr vuq'kaflr midj.k & 10<br>50 Áfr'kr ls de vuq'kaflr midj.k & 5 | | |
| 2- | i'kq/ku QkeZ dkWEiysDl | 100 | |

| | | | |
|---|---|---|---|
| | QkeZ Hkwfe dk dqy {ks=Qy vf/kdre vad% 25 80&100% Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 25 70&79 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 20 60&69 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 15 50&59 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 10 50% ls de] Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 5 tkfr ds vuqlkj eosf'k;ksa dh la[;k vf/kdre vad% 50 80&100% Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 50 70&79 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 40 60&69 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 30 50&59 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 20 50 % ls de] Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 10 [ksr ds Áeq[k midj.k] pkjk mRiknu vf/kdre vad% 25 80&100% Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 25 70&79 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 20 60&69 % Hkkjrh; i'kq fpfdRlk ifj"kn~ }kjk laLrqr& 15 50&59 % | | |
| 3- | i'kq fpfdRlk fDyfudy dkWEiysDl | 100 | |
| | ¼d½ Áfr ekg jksfx;ksa dh vkSlr la[;k% vf/kdre vad%40 500 ekeyksa ls vf/kd & 40 400&499 & 30 300&399 & 20 200&299 & 10 | | |



| | | | |
|---|---|---|---|
| | 200 ls de & 5 ¼[k½ varjax jksxh lqfo/kk,a% vf/kdre vad% 20 ¼x½ uSnkfud lqfo/kk,a% vf/kdre vad% 20 ¼?k½ nok[kkus dh lqfo/kk,a% vf/kdre vad% 20 | | |
| 4- | tu'kfDr | 500 | |
| | 1- v/;kiu | | |
| | ¼d½ LFkkfir ladk; lnL;ksa dh la[;k% vf/kdre vad% 250 80 vkSj vf/kd 250 70&80 225 65&70 200 60&64 175 55&59 150 50&54 125 45&49 100 40 ls de 50 | 250 | |

| | | | |
|---|---|---|---|
| | ¼[k½ ih,pMh vgZrkvksa okys ladk; lnL;% vf/kdre vad% 100 90&100 % vad% 100 80&89 % vad% 90 70&79 % vad% 80 60&69 % vad% 70 50&59 % vad% 60 50% ls de vad% 50 | 100 | |
| | ¼x½ 5 o"kksZa esa 7&21 fnuksa dk Áf'k{k.k ;k dk;Z'kkyk esa mifLFkr gksus okys ladk; lnL;ksa dk %% vf/kdre vad% 100 80&100 % vad% 30 70&79 % vad% 25 60&69 % vad% 20 50&59 % vad% 15 50% ls de vad% 10 | 30 | |
| | ¼?k½ fiNys ikap o"kZ ds nkSjku Ádkf'kr 'kks/ki= vf/kdre vad% 20 rFkk ladk; }kjk fn, x, iqjLdkj vkSj fo'ks"k lEeku 2 ;k ladk; vad% 20 1 ;k ladk; vad% 15 1 ls de ;k ladk; vad% 10 | 20 | |
| | 2- xSj&v/;kiu rduhdh vkSj lfpfodh; ¼Øekuqlkj vadksa ds fy, fooj.k dk fu.kZ; djuk | 100 | |

[1]Hkkx III µ[k.M 4º Hkkjr dk jkti=k % vlk/kj.k 85

| | | | |
|---|---|---|---|
| 5- | bUVuZf'ki | 100 | |
| | ¼d½ fu;qfDr LFky vkSj vof/k ¼Hkkjrh; i'kq fpfdRlk ifj"kn~ ds vuqlkj½ vf/kdre vad% 30 ¼[k½ ,d d{kk ;k ,d o"kZ esa mipkfjr fDyfudy ekeyksa dh la[;k% vf/kdre vad% 30 1500 ;k vf/kd ekeys & 30 1200&1499 & 25 1000&1199 & 15 1000 ls de & 0 ¼x½ QkeZ ftl ij lewg us dk;Z fd;k gks& vf/kdre vad% 10 ¼?k½ ,yihVh ;k chih ;wfuV ;k fpfM+;k?kj dk nkSjk ;k MhvkbZ dk;Z bR;kfn & vf/kdre vad% 10 ¼M+½ m|eo`fÙk dk Áf'k{k.k & vf/kdre vad% 20 | | |
| 6- | f'k{k.k dk;Z | 50 | |

| | | | |
|---|---|---|---|
| | fu/kkZfjr ikB~;Øe dk vuqxeu & vf/kdre vad% 10<br>fu/kkZfjr dSysaMj dk vuqxeu & vf/kdre vad%<br>10 'kS{kf.kd okrkoj.k & vf/kdre vad% 10<br>f'k{kk dh uohu i)fr;k¡ & vf/kdre vad% 10<br>i'kqvksa dk Øeokj Á;skx & vf/kdre vad% 10 | | |
| 7- | ijh{kk | 20 | |
| | ijh{kkvksa dk Hkkjrh; i'kq fpfdRlk ifj"kn~<br>ds fofu;eksa ds vuqlkj vk;kstu & vf/kdre vad% 20<br>fdlh Hkh ?kVd esa dksbZ Hkh ifjorZu djus ij 50 Áfr'kr vad dkV fy, tk,axsA | | |
| 8- | 'kS{kf.kd fu"iknu | 100 | |
| | ¼d½ mÙkh.kZ ;k vuqÙkh.kZ dk Áfr'kr &<br>vf/kdre vad% 10 ¼[k½ i'kq fpfdRlk foKku ,oa i'kq<br>ikyu Lukrd<br>ijh{kk ds var esa 7 ;k 10 ls vf/kd vksthih,<br>ÁkIr djus okys Nk=ksa dk Áfr'kr & vf/kdre vad%<br>10 ¼x½ i'kq foKku ;k vU; Áfr;ksxh ijh{kkvksa esa<br>ihth<br>dk;ZØe esa jk"Vªh; QSyksf'ki ds fy, pqus x,<br>Nk=ksa dk Áfr'kr & vf/kdre vad% 40 | | |
| 9- | ikB~;srj xfrfof/k;ka | 15 | |
| | varj&fo'ofo|ky; ;k jkT; ;k jk"Vªh; ;k varjkZ"Vªh; Áfr;ksfxrkvksa esa ÁkIr iqjLdkj<br>vad okLrfod miyfC/k;ksa ds vuqlkj fn, tk,axs | | |



| | | | |
|---|---|---|---|
| 10- | laLFkku dh dksbZ vU; fof'k"V xfrfof/k;ka | 15 | |
| | lhohbZ ;k fjÝs'kj dkslZ ;k vU; Áf'k{k.k & vf/kdre vad% 20 fopkj&xks"Bh ;k lEesyu ;k dk;Z'kkyk ;k fdlku esyk bR;kfn & vf/kdre vad% 10 | | |

Øe fu/kkZj.k dh ;kstuk

uke ,oa gLrk{kj uke ,oa gLrk{kj

1200 ls 15000 A

900 ls 1199 B

600 ls 899 C

300 ls 599 D

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|---|---|---|---|---|---|---|---|---|
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| | izos'k izkIr% a dkslZ lEiw.kZ%vafre f'k{k-k laLFkku dk uke% | | | | | | | |
| Øe-la- | fo"k; | ØsfMV ?kaVs | izkIrkad | | | | dqy ¼100½ | xz ikW ¼ ikWb |
| | | | vkarfjd ewY;kadu | | okf"kZd | | | |
| | | | izFke ¼10½ | f}rh; ¼10½ | F;ksjh ¼40½ | izSfDVdy ¼40½ | | |
| izFke O;kolkf;d o"kZ | | | | | | | | |
| 1 | i'kq 'kjhj jpuk foKku | 4$3 | 7-0 | 6-0 | 25-0 | 28-0 | 66-0 | 6- |
| 2 | i'kq 'kjhj fØ;k foKku | 4$1 | 6-5 | 7-5 | 28-0 | 32-0 | 74-0 | 7- |
| 3 | i'kq/ku mRiknu Áca/ku | 4$2 | 7-5 | 7-0 | 30-0 | 33-0 | 77-5 | 7- |
| 4 | ,ulhlh ;k ,u,l,l ;k lhlh, | 0$1 ¼,ulh | & f}rh; | & | & | & | & | |
| f}rh; O;kolkf;d o"kZ | | | | | | | | |
| 1 | i'kq foÑfr foKku | 4$2 | 7-5 | 7-5 | 25-0 | 32-0 | 72-0 | 7- |
| 2 | i'kq tSo&jlk;fudh | 2$1 | 7-5 | 6-5 | 29-0 | 29-0 | 72-0 | 7- |
| 3 | i'kq lw{e foKku | 3$2 | 7-0 | 8-0 | 25-0 | 33-0 | 73-0 | 7- |
| 4 | i'kq vkuqoaf'kdh ,oa Átuu | 3$1 | 8-0 | 7-5 | 29-0 | 32-0 | 76-5 | 7- |
| 5 | i'kq iks"k.k | 3$1 | 7-5 | 8-0 | 31-5 | 35-0 | 82-0 | 8- |
| 6 | ,ulhlh ;k ,u,l,l ;k lhlh, | 0$1 ¼,ulh½ | & | & | & | & | & | |

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|---|---|---|---|---|---|---|---|---|
| 1 | i'kq vkS"k/k foKku ,oa fo"k foKku | 4$1 | 7-0 | 6-5 | 26-0 | 34-0 | 73-5 | 7- |
| 2 | i'kq ijthfork foKku | 3$2 | 6-5 | 7-0 | 30-0 | 35-0 | 78-5 | 7- |
| 3 | i'kq lkoZtfud LokLF; | 3$1 | 8-0 | 7-0 | 25-0 | 32-0 | 72-0 | 7- |
| 4 | i'kq/ku mRikn AkS\|ksfxdh | 2$1 | 7-5 | 7-5 | 28-0 | 35-0 | 78-0 | 7 |
| 5 | i'kq fpfdRlk foLrkj.k f'k{kk | 3$1 | 8-0 | 7-0 | 30-0 | 35-0 | 80-0 | 8 |
| 6 | i'kq fpfdRlk fDyfudy O;olk; | 0$1 | 40 ;k 50 | | 40 ;k 50 | | 80-0 | 8- |
| 7 | i'kq/ku QkeZ O;olk; | 0$2 | 42 ;k 50 | | 43 ;k 50 | | 85-0 | 8 |
| | ,ulhlh ;k ,u,l,l ;k lhlh, | 0$1 ¼,ulh½ | | | | | | |
| prqFkZ O;kolkf;d o"kZ | | | | | | | | |
| 1 | i'kq 'kY; fpfdRlk ,oa fofdj.k foKku | 2$1 | 6-5 | 8-0 | 26-5 | 34-0 | 75-0 | 7- |
| 2 | i'kq vkS"kf/k | 4$1 | 7-5 | 7-5 | 28-0 | 35-0 | 78-0 | 7- |
| 3 | i'kq Ekknk jksx foKku ,oa Álwfr foKku | 2$1 | 8-0 | 7-0 | 25-0 | 35-0 | 75-0 | 7- |
| 4 | i'kq fpfdRlk fDyfudy O;olk; | 0$6 | & | & | & | 70-0 | 70-0 | 7- |
| ikpaok O;kolkf;d | | | | | | | | |
| 1 | baVuZf'ki izksxzke | | | | | | | |

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*dEikVZesaV ds lkFk mÙkh.kZ

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***baVuZf'ki dh vof/k esa o`f) dh xbZ ;k bls nksckjk fd;k x;k

ØsfMV ikWbaVksa dk dqy ;ksx% 604-60

izfr'kr vad% 74-60 %

fu"iknu% larks"ktud

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•fdlh fo"k; esa thih fudkyus ds fy,]Nk= }kjk 100 esa ls izkIr vadksa dks 10 ls foHkkftr fd;k tk,xkA

•fdlh fo"k; esa lhih fudkyus ds fy,]thih dks ØsfMV ?kaVksa ls xq.kk fd;k tk,xkA

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•vksthih,¾ vftZr fd, x, ØsfMV ikWbaVksa ds dqy ;ksx ds ;ksx dks ØsfMV ?kaVksa ds dqy ;ksx ls foHkkftr fd;k tk,xkA

•izfr'kr vad¾ vksthih, dk 10 ls xq.kuQyA



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1- ewY;akdu

fofHkUu ijh{kkvksa ds ldy fu"iknu ds fy,] ftlesa Nk= dh vkarfjd vkSj okf"kZd ijh{kk,a 'kkfey gksaxh] Nk= dks F;ksjh vkSj izSfDVdy ijh{kk esa vyx&vyx] 50 izfr'kr vad izkIr djus gksaxs tks Nk= ds ,d fo"k; esa mÙkh.kZ ;k vuqÙkh.kZ gksus dk ekunaM gksxkA Nk= dks fdlh fo"k; esa mÙkh.kZ ?kksf"kr djus ds fy,] mls F;ksjh esa dqy 50 izfr'kr vkSj izSfDVdy esa dqy 50 izfr'kr vad izkIr djus gksaxsA ;fn Nk= dsoy nks fo"k;ksa esa vuqÙkh.kZ gksxk] rks og mDr fo"k;ksa dh dEikVZesaV ijh{kk esa cSBus dk ik= gksxk ftlesa dsoy okf"kZd F;ksjh vkSj iSzfDVdy ijh{kkvksa dks gh 'kkfey fd;k tk,xkA

2- Js.kh

| | | |
|---|---|---|
| mÙkh.kZ | vksthih, | 5-000&5-999 |
| f}rh; Js.kh | vksthih, | 6-000&6-999 |
| izFke Js.kh | vksthih, | 7-000&7-999 |
| Js"Brk lfgr izFke Js.kh * | vksthih, | 8-000 vkSj vf/kd |

3- ;fn dksbZ Nk= fdlh fo"k; esa dEikVZesaV ijh{kk ds vk/kkj ij mÙkh.kZ gksrk gS] rks vad rkfydk esa mDr fo"k; ds lkeus bldk mYys[k djuk gksxkA

4- ;fn dksbZ Nk= fdlh ,d o"kZ vuqÙkh.kZ gksrk gS] rks vad rkfydk esa bldk mYys[k djuk gksxkA

5- ;fn baVuZf'ki dh vof/k esa o`f) dh xbZ gks ;k bls nksckjk djuk gks] rks vad rkfydk esa bldk mYys[k djuk gksxkA

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| | | vkarfjd ewY;kadu | | okf"kZd | | | | |
| | | izFke | f}rh; ¼10½ | F;ksjh ¼40½ | izSfDVdy ¼40½ | | | |
| i'kq 'kjhj jpuk foKku | 4$3 | 7-0 | 6-0 | 25-0 | 28-0 | 66-0 | 6-60 | 46-20 |
| i'kq 'kjhj fØ;k foKku | 4$1 | 6-5 | 7-5 | 28-0 | 32-0 | 74 | 7-4 | 37-00 |
| i'kq/ku mRiknu Áca/ku | 4$2 | 7-5 | 7-0 | 30-0s | 33-0 | 77-5 | 7-75 | 46-50 |
| ,ulhlh ;k ,u,l,l ;k lhlh, | 0$1 ¼,ulh½ | | | | | | | ,l ;k ;w, |
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1- xzsM ikWbaV vkSlr ¼thih,½ ds lkFk mÙkh.kZ

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d`rs jftLVªkj xzsM ikWbaV ¼thih½] ØsfMV ikWbaV ¼lhih½] xzsM ikWbaV vkSlr ¼thih,½ rFkk dqy xzsM ikWbaV vkSlr ¼vksthih,½ dh x.kuk

•fdlh fo"k; esa thih fudkyus ds fy,]Nk= }kjk 100 esa ls izkIr vadksa dks 10 ls foHkkftr fd;k tk,xkA •fdlh fo"k; esa lhih fudkyus ds fy,]thih dks ØsfMV ?kaVksa ls xq.kk fd;k tk,xkA

•thih,¾ dqy vftZrØsfMV ikWbaVksa ds ;ksx dks ØsfMV ?kaVksa ds ;ksx ls foHkkftr fd;k tk,xkA

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**MINISTRY OF AGRICULTURE AND FARMERS WELFARE**

**(Department of Animal Husbandry, Dairying and Fisheries)**

(VETERINARY COUNCIL OF INDIA)

**NOTIFICATION**

New Delhi, the 8th July, 2016

**F. No. 12-5/2015-VCI.—**In exercise of the powers conferred by sub-section (1) of section 66 read with sub-section (1) of section 22 and clause (b) of sub-section (1) of section 21 of the Indian Veterinary Council Act, 1984 (52 of 1984) and in supersession of the Veterinary Council of India – Minimum Standards of Veterinary Education – Degree Course (B.V.Sc. & A.H.) Regulations, 2008, the Veterinary Council of India, with the previous approval of the Central Government hereby makes the following regulations, namely:-

**PART I**

**PRELIMINARY**

1. **Short title and commencement -**

(1) These regulations may be called the Veterinary Council of India Minimum Standards of Veterinary Education- (Bachelor of Veterinary Science and Animal Husbandry - Degree Course) Regulations, 2016.

(2) Provided that any increase in the annual admission may be made after seeking the permission of the Council and may not be done unilaterally by the University. Such increase shall be allowed subject to verification proportionate increase in facilities and manpower as provided under these Regulations and by the Council as per Section 19 of the IVC Act.

2. **Definitions – (1) In these regulations, unless the context otherwise requires,-** (a)"Act" means the Indian Veterinary Council Act, 1984 (52 of 1984);

(b)"Course" means teaching units of a subject to be covered within a professional year as prescribed in the syllabus of a department;

(c)"Credit Hour" means the weekly unit of work recognised for any particular course as per the course catalogue issued by the University. A lecture class of one hour per week shall be counted as one credit whereas a practical class of two hours duration and a working period of three hours in the Veterinary Clinical Complex (VCC) and Livestock Farm Complex (LFC) per week shall count as one credit.



(d)"Degree Course" means the course of study in Veterinary Science, namely Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc. and A.H.);

(e)"First Schedule" and "Second Schedule" means the First Schedule and Second Schedule respectively appended to the Act;

(f)"Guidelines or Instructions" means the guidelines or instructions issued by the Veterinary Council of India from time to time for uniform implementation of these regulations;

(g)"Inspector" means the Veterinary Inspector appointed under sub-section (1) of section 19 of the Act;

(h)"President" means the President of the Veterinary Council of India;

(i)"qualifying examination" means Higher Secondary (10+2) examination or equivalent conducted by a State Board of Education or Central Board of Education;

(j)"Professional Year" means a period consisting of minimum two hundred and ten instructional days, excluding annual examination days except fourth professional year which consists of 315 instructional days;

(k)"Secretary" means the Secretary of the Veterinary Council of India appointed under section 11 of the Act;

(l)"Syllabus" and "curriculum" means the syllabus and curriculum for courses of study as specified by the Veterinary Council of India;

(m)"teaching experience" means the experience of teaching in the subject concerned in a recognised veterinary college or provisionally recognised veterinary college or recognised veterinary university after obtaining post graduate qualification in the concerned subject;

(n)"Veterinary hospital or institution" means the Veterinary Clinical Complex of the college or Veterinary hospital of State Government or private hospital recognised by the University and duly approved by Veterinary Council of India which shall have the basic infrastructure such as diagnostic lab, X-ray, Ultrasonographic facilities etc. or institution relevant to livestock health, reproduction and diagnostics by whatever name called;

(o)"Visitor" means a Visitor appointed under sub-section (1) of section 20 of the Act;

(p)"recognised veterinary college" means any veterinary college or institution either a constituent College of the University or affiliated to a University and engaged in imparting teaching of Bachelor of Veterinary Science and Animal Husbandry degree course and recognised by the Central Government on the recommendation of Veterinary Council of India after inclusion in the First Schedule for the Act under overall administrative control of the Dean or Principal or Associate Dean;

(q)"University" means any university or other institution within or outside India which grants degrees and post graduate diplomas.

(r)"provisionally recognised veterinary college" means a newly established veterinary college where admission shall be allowed by the Veterinary Council of India on annual basis after conducting inspection and subject to fulfillment of Minimum Standards of Veterinary Education regulations 2016.

(2)Words and expressions used herein and not defined but are defined in the Act shall have the same meaning as assigned to them in the Act.

**PART II**

**COURSE OF STUDY**

3. **Degree Course-** (1)A degree course of Bachelor of Veterinary Science and Animal Husbandry shall comprise of a course of study consisting of curriculum and syllabus specified in Part IV of these regulations spread over five and half complete professional years including a compulsory internship of "one year" duration undertaken after successful completion of all credits as prescribed in the syllabus.

(2) During the course of study there shall be training in veterinary clinical complex or state veterinary hospital, private veterinary hospital, animal farm or livestock farm complex as part of the course.



4. **Duration of professional year-**

(1)First professional year of Bachelor of Veterinary Science and Animal Husbandry classes shall commence latest by 1st September of every year.

(2)The annual examination shall be conducted prior to summer vacation for the year.

(3)Each professional year shall cover at least two hundred ten days of instruction excluding time spent for annual examinations.

5. **Procedure to be adopted for imparting training in the veterinary hospitals or institutions and internship with suitable adjustment at-**

(1) The Veterinary Clinical Complex shall be a separate department in every veterinary college under the independent charge of a Faculty Member of the rank of a Professor with specialisation in any of the clinical subjects and shall operate round the clock.

(2) Veterinary Clinical Complex shall be recognised only if it has an average minimum of 500 outdoor cases and 10 indoor cases in a month.

(3) In case the Veterinary Clinical Complex does not have requisite number of out-patient and in-patient cases as provided in sub-regulation(2) above, the University or College shall set up outreach facilities not beyond twenty km radius of the College to fulfill the above minimum requirements. Such outreach clinical facility shall have the entire infrastructure as prescribed for a veterinary clinical complex under these regulations.

(4) The attached veterinary hospitals shall have properly built in-door wards, client accommodation, emergency service and the necessary facilities to conduct and demonstrate or train all medical,

surgical and gynaecological cases and separate "in Health" care facilities like artificial insemination, pregnancy diagnosis, animal birth control, health verification tests, prophylaxis etc.

(5) There shall be residential accommodation for clinical and hospital staff and suitable accommodation for students on emergency or night duties and cafeteria or canteen for staff, students and clients.

(6) All the concerned staff on duty in the Veterinary Clinical Complex or veterinary hospital or both shall be responsible for the treatments and allied public services and shall invariably attend the clinics including emergencies or night duties and on Sundays orany holidays and the staff as well as students shall be properly attired {Apron, Coverall (dangree), etc} and equipped for the performance of clinical duties.

(7) The teaching institutions shall maximally utilise the animal or patient information observing all the time the principles of animal welfare and ethics, and arrange the followong namely:-

(i)the teaching material in the form of clinical cases in sufficient number, variety and species;

(ii)subsidized treatment to encourage larger attendance in teaching veterinary hospitals;

(iii)procure or provide free maintenance to, cases of academic interest or typical cases of teaching value so that students can benefit from them;

(iv)in the case of deathoreuthanasia detailed necropsy be demonstrated and specimens preserved;

(v)maintenance of clinical data registers;

(8) The Livestock Farm Complex shall be a separate department in every veterinary college under the independent charge of a faculty member of the rank of a Professor of animal production departments preferably with specialization in Livestock Production Management subject and shall operate twenty four hours and the farm complex shall be for teaching in rearing of livestock species and poultry with the following facilities namely:-

(i)housing, feeding, breeding and management of large and small ruminant, piggery, poultry and animals of regional interest;

(ii)record keeping;

(iii)storage facilities for feed and fodder;

(iv)production facilities for fodder crops;



(v)suitable housing for managerial and technical staff;

(9) In case other facilities like Gaushalas or community farms are utilised, these shall be in addition to the above requirements but shall not serve as a substitute

(10)Being a twenty four hours service there shall be suitable accommodation for staff and students on duties.

(11)All the concerned staff on duty in the Livestock Farm Complex shall be responsible for management including emergencies of the animals in the livestock Farm and they shall arrange and supervise the routine managemental practices from time to time and shall maintain records for the same and shall also be responsible for production activity in each of the units

## PART III

## ADMISSION TO THE BACHELOR OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY DEGREE COURSE

6. **Criteria for admission -** A candidate shall not be admitted to Bachelor of Veterinary Science and Animal Husbandry degree course unless,

(a)he or she has completed the minimum age of 17 years and the maximum age of 25 years on or before the 31st December of that year of his or her admission to the 1st year of Bachelor of Veterinary Science and Animal Husbandry course; and there shall be relaxation of maximum age by five years for Scheduled Caste or Scheduled Tribe or Other Backward Class candidates.

(b)he or she has passed the qualifying examination as defined under these regulations with the subjects of Physics, Chemistry, Biology or Biotechnology and English (as a core course) and obtained marks as specified under regulations (7) or an examination equivalent to intermediate science examination of an Indian University or Board recognised by the Association of Indian Universities taking Physics, Chemistry and Biology including a practical test in each of these subjects and English.

7. **Selection of students – (1)** The selection of students for admission to Bachelor of Veterinary Science and Animal Husbandry Degree Course in Government or Private Colleges shall only be on the basis of merit through a competitive entrance examination conducted by University or State Government or Veterinary Council of India to

achieve a uniform evaluation, as there may be variation among students at qualifying examinations conducted by different agencies and reservation policy shall be as per Government of India for Veterinary Council of India seats and for States as per their reservation policy.

(2) To be eligible for competitive entrance examination, a candidate shall have to pass any of the qualifying examinations as enumerated under the head, "Admission to Bachelor of Veterinary Science and Animal Husbandry Degree Course" specified under regulation 6.

(3) A candidate under General Category for admission to the Bachelor of Veterinary Science and Animal Husbandry degree course shall have to qualify in each of the subjects of English, Physics, Chemistry and Biology, and obtained 50% marks in aggregate of these subjects, at the qualifying examination and admission of students to B.V.Sc.and A.H. degree course shall be made only on the basis of his or her merit in the competitive entrance examination and no other merit or weightage shall be considered for admission to Bachelor of Veterinary Science and Animal Husbandry degree course.

(4) In respect of candidates belonging to the Scheduled Castes or the Scheduled Tribes or other special category of students as specified by the Government from time to time, marks required for admission shall be 5% less than that prescribed for general category i.e 47.5 % and where the seats reserved for the Scheduled Caste and the Scheduled Tribes students in any State cannot be filled for want of requisite number of candidates fulfilling the minimum requirement prescribed from that State, then such vacancies shall be filled up on all India basis with students belonging to the Scheduled Castes and Scheduled Tribes obtaining not less than the minimum prescribed pass percentage.

(5) The students who are educated abroad seeking admission in veterinary colleges in India should have passed the subjects of Physics, Chemistry, Biology or Biotechnology and English up to the 12th Standard level with 50% marks in aggregate of these subjects.

(6) Sponsored candidates shall have to qualify the admission procedures as laid down for the students under general category.



(7) Admission of candidates to Bachelor of Veterinary Science and Animal Husbandry degree course under bilateral exchange programme shall be regulated by Veterinary Council of India or on recommendation of Government of India.

(8) 15% of the total number of seats of each recognised veterinary college which is included in the First Schedule of the Act shall be reserved and filled on an all India basis through Common Entrance Examination and seats for the candidates belonging to Schedule Caste or Schedule Tribes or Physically handicapped or Other backward classes against said 15% quota of Veterinary Council of India shall be reserved to be filled up as per Government of India Policy.

(9) The candidates selected through this examination shall be admitted in various recognised veterinary colleges as per the eligibility criteria prescribed in these regulations only and the last date for reporting of these candidates to the allotted University or Veterinary Institution shall be 15th September of that year irrespective of the closing date of admission of that University or Veterinary Institution for that year, if earlier, the vacant seats may be filled by the veterinary college or university by 30th September which shall be the final cut-off date for the admission and thereafter no admission shall be made.

(10) A candidate shall not be allowed admission to Bachelor of Veterinary Science and Animal Husbandry degree course including those admitted under 15% reserved quota of Veterinary Council of India if he or she suffers the following disabilities, namely:-:

(a)disability of total body including disability of chestorspine more than 50%,

(b)disability of lower limb of more than 50%,

(c)disability of upper limb,

(d)visually handicapped candidates and those with hearing disability,

(e)candidates with progressive diseases like myopathies etc.

(f)disabilities which otherwise would interfere in the performance of the duties of a veterinarian.

(11) The disability shall be certified by a duly constituted and Government authorized Medical Board comprising of at least three specialists out of which two shall be of the specialty concerned and the candidate has to present him or her-self before the Medical Board and the last valid disability

certificate of the candidate from a Medical Board shall not be more than three months old from the date of submitting his or her certificate for disabled candidates.

(12) After the final admissions, each Veterinary college shall submit the details of the students admitted in the first professional of BVSc and AH programme and similarly the list of students who pass out shall also be submitted to the Veterinary Council of India.

**PART IV**

**VETERINARY CURRICULUM – STRUCTURING AND ORGANIZATION OF COURSE CURRICULUM**

8. **Veterinary Curriculum – (1)** The following shall be the veterinary curriculum, namely:-

(a) (i) Core Courses; and

(ii)Internship including Enterpreneurial Training;

(b) the curriculum shall provide adequate emphasis on cultivating logical and scientific habits of thought, clarity of expression, independence of judgment, ability to collect information and to correlate them and develop habits of self-education;

(c) medium of instruction for B.V.Sc. and A.H. degree course shall be in English;

(d) practical training at Livestock Farm Complex or Clinical practice shall be organised in small groups of 5 to 10 students so that each teacher can give personal attention to each student with a view to improve his or her skill and competence in handling of the patients and each practical batch for a course shall be preferably not more than twnety students;



(e) efforts shall be made to encourage students to participate in group discussions and seminars to enable them to develop personality, character expression and other abilities which are necessary for a veterinary graduate to function either in solo practice or as a team member when he or she begins his or her independent professional career and an appropriate time slot for this activity be provided in the student study time table.

9. **Subjects to be covered in the Bachelor of Veterinary Science and Animal Husbandry Degree Course** – The following shall be the subjects for B.V.Sc. and A.H. degree course, namely:-

(a) Veterinary Anatomy,
(b) Veterinary Physiology,
(c) Veterinary Biochemistry, (d) Veterinary Pharmacology and Toxicology,
(e) Veterinary Parasitology,
(f) Veterinary Microbiology,
(g) Veterinary Pathology, (h) Veterinary Public Health and Epidemiology,
(i) Animal Nutrition,
(j) Animal Genetics and Breeding,
(k) Livestock Production Management, (l) Livestock Products Technology,
(m) Veterinary Gynaecology and Obstetrics,
(n) Veterinary Surgery and Radiology,
(o) Veterinary Medicine, (p) Veterinary and Animal Husbandry Extension Education,
(q) Veterinary Clinical Practices,
(r) Livestock Farm Practices.

10. **Migration or Transfer of Student – (1)** student studying in a recognised veterinary college which is included in the First Schedule of the Act may be allowed to migrate or be transferred to another recognised veterinary college under another or same University.

(2)The migration or transfer may be allowed by the university concerned after passing 1st year of Bachelor of Veterinary Science and Animal Husbandry degree course within one month of the start of academic session of 2nd year of the receiving College or University.

(3)The number of students migrating or transferring from one veterinary college to another veterinary college during the period of one academic year will be kept to the maximum limit of 5% of the intake capacity of each of the veterinary colleges in one year.

(4)The cases not covered under sub regulations, (1) to (3) may be referred to the Veterinary Council of India for consideration on merits.

(5)An intimation about the admission of migrated or transferred students into any veterinary college shall be sent to the Veterinary Council of India by the respective Institution.

11. **Syllabus. –** (1)The details of syllabus comprising of 81 credits (equivalent to 179 credit hrs. as per semester system) are the minimum requirement for a programme leading to Bachelor of Veterinary Science and Animal Husbandry degree and the summary of the distribution of courses shall be as follows:-



| Professional Year | Theory | Practical | Total |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Fourth (one and a half year) | 8 | 9 | 17 |
| | 50 | 31 | 81 |
| | | | (equivalent to 179 credit hrs. as per semester system) |

(2) In addition to the Core Courses above, a student shall have to successfully complete the Internship including Enterpreneurial Training as has been specified in sub-regulation (1) of regulation 8 for the award of Bachelor of Veterinary Science and Animal Husbandry degree.

(3) Remount Veterinary Squadron or National Cadet Crop or Equestrian or National Social Service or Sports and games shall be non- credit (0+1) training programmes any of which for all the Professional Years shall be compulsory (except fourth) for the award of Bachelor of Veterinary Science and Animal Husbandry degree and the performance of the students in these training programmes shall be assessed and graded as 'Satisfactory' or 'Unsatisfactory' and student has to obtain 'Satisfactory' grading for successful completion of course requirements.

(4) The Syllabus prescribed in regulation 11is the minimum instructional syllabus and is illustrative of the course content for teaching different courses at the veterinary colleges in the country for Bachelor of Veterinary Science and Animal Husbandry degree programme:

Provided that there is scope for flexibility of addition of topics or courses in the programme as per need or regional or institutional demand from time to time and such changes shall be non-violative and commensurate to the basic structure, curriculum and infrastructure prescribed in these regulations.

12. **Internship. – (1)** Every student of Bachelor of Veterinary Science and Animal Husbandry degree course shall be required after passing the fourth professional examination to undergo compulsory rotating internship to the satisfaction of the University for a minimum period of twelve calendar months so as to be eligible for the award of the degree of Bachelor of Veterinary Science and Animal Husbandry and full registration with the council.

(2) Compulsory rotating internship shall include a full time training in veterinary and animal husbandry services (including emergencies and night duties, Sundays and holidays) and the intern shll devote whole time to the training and shall not be allowed to accept a whole time or part time appointment paid or otherwise.

(3) Internship shall be undertaken only after completion of all credit requirements of veterinary curriculum including Remount Veterinary Squadron or National Cadet Crop or Equestrian or National Social Service or Sports and games as applicable under these regulations.

(4) The university shall issue a provisional course completion certificate of having passed all the professional examinations and having successfully completed prescribed course work.

(5) The State or Union territory Veterinary Council shall grant provisional registration to the candidate on production of provisional Bachelor of Veterinary Science and Animal Husbandry course completion certificate and the provisional registration shall be valid for a minimum period of twelve months and maximum of sixteen months.

(6) After provisional registration with the State or Union Territory Veterinary Council, the candidate shall register for internship of twelve calendar months.

(7) Interns shall be actively involved in rendering veterinary service under the supervision of an experienced teacher.

(8) The intern shall assist the teacher or incharge in all activities of the units they are posted in.



(9) During the period of internship the intern shall be provided accommodation or lodging and paid consolidated remuneration in the form of internship allowance as may be decided by the University or Institution from time to time.

(10) The intern shall be entitled for fifteen days casual leave and the leave cannot be claimed as a matter of right until and unless the sanctioning authority sanctions it and an intern willfully absents from the training programme even if for part of a day or during off hours duty (including Sundays and holidays) he or she may be treated absent for that day and the candidate shall be required to undergo

training for the additional days in lieu of the absence period and internship allowance shall not be paid for these additional days.

(11) The internship programme shall be monitored by a Committee constituted by the Dean and the Committee shall comprise of Dean or Representative or nominee of the Vice Chancellor, incharge of Veterinary Clinical Complex, incharge of Livestock Farm Complex and Associate Professor (Internship) as members and this Committee shall monitor effective implementation of the internship training programme from time to time and shall be required to inspect the internship programme at different intervals of time randomly.

(12) In case of unsatisfactory work or performance or shortage of attendance or both the period of compulsory rotating internship shall be extended by two months and the student shall be reevaluated, if again found unsatisfactory or is unable to secure 50 marks, he shall be given one more chance after another two months and if he still is found unsatisfactory due to any reason, the intern has to re-register afresh for internship programme for entire twelve calendar months including registration with the State or Union Territory Veterinary Council.

(13) Internship allowance shall be paid only for twelve calendar months and no internship allowance shall be paid for the period of absence or unsatisfactory performance or extended period or re-registration period.

(14) The compulsory rotating internship shall be in the following areas, namely:-

(i) posting in Veterinary Clinical Complex for Clinical training covering veterinary medicine, surgery and radiology, gynaecology and obstetrics, clinical emergencies, indoor ward care, lab diagnosis, ambulatory, hospital management, record keeping etc;

(ii) posting at Veterinary Clinical Complex of veterinary college of other state in India with provision of rent free accommodation;

(iii) posting in any four of Zoo or wild life centre or eNational Parks, Meat Plant or Abattoirs, Milk Plants, Poultry Farms, Field Hospital, Animal Welfare Organization, Vaccine Institute, Remount Veterinary Corps, Pharmaceutical, Feed Industry for hands on training in each establishment;

(iv) entrepreneurial training and management covering farm routines of cattle and buffalo farms, piggery or rabbitary, sheep and goat farms, and equine or camel unit etc. Poultry production and management covering layer and broiler production, hatchery and chick management and learning farm practices like record keeping and other related activities;

(v) each intern shall submit a Project Report on completion of entrepreneurial training and this training is aimed at developing entrepreneurial skill for self-employment and the university or college shall provide interest free loans, technical support and infrastructure for these activities.

Inputs, day-to-day work and financial accounting shall be undertaken by the students;

(vi) the profits, if any, shall be kept by the students, provided, in case of loss, the Dean of the college through the Entrepreneurial Committee consisting of four faculty members (at least one subject matter specialist) may evaluate the reasons of such loss and provide compensation in case it is found that the loss has been inadvertent;



(vii) the Incharge or nominee of each posting shall regulate the training of such interns and submit the

evaluation report of each intern out of 20 marks which shall be accounted at the time of final

evaluation;

(viii) the remaining days shall be utilised for the final assessment of interns as prescribed in these

regulation, with the objective of having achieved following core competency namely:-

(a) restraint of cow, sheep, horse, dog and pig. Haltering, snaring, muzzling, tail switch,

bandaging of horse for exercise and stable bandaging;

(b) animal identification, dentition and ageing of animals;

(c) housing layout or requirements of livestock and poultry;

(d) computation of ration of livestock of different breeds and age groups in health and disease;

(e) fodder management and interpretation of feed quality evaluation;

(f) physical evaluation of livestock health parameters (auscultation, percussion, recording of

temperature, pulse, heart rate, respiration rate etc.);

(g) recording and interpretation of cardiovascular response;

(h) testing of milk and milk products for quality, clean milk production;

(i) carcass quality evaluation (ante-mortem & post-mortem examination);

(j) specific diagnostic tests for zoonotic diseases;

(k) sample collection, handling and dispatch of biological materials for laboratory examination;

(l) staining techniques for routine clinico-pathological examinations;

(m) relating post-mortem lesions to major livestock diseases;

(n) haematological evaluation (total leukocyte count, differential leukocyte count, haemoglobin, packed cell volume, erythrocyte sedimentation rate etc.) and interpretation;

(o) tests and their interpretation for haemoprotozoan diseases;

(p) body fluids collection, examination and interpretation as an aid to diagnosis;

(q) urine evaluation procedures and interpretation as indicators for diagnosis of diseases;

(r) fecal examination- procedures and interpretation;

(s) examination of skin scrapings and interpretation;

(t) interpretation of blood chemistry profile in diseases;

(u) deworming procedures and doses for different species of animals or birds;

(v) managing an outbreak of infectious or contagious disease;

(w) approach to diagnosis of a given disease condition;

(x) pre-anesthetic administration and induction, maintenance of general anaesthesia and dealing with anesthetic emergencies;

(y) local anaesthetic administration;

(z) nerve blocks- sites, functional application;

(za) suture material, suture pattern and tying knots;



(zb) common surgical procedures including dehorning, docking, caesarian section, ovariohysterectomy, castration, rumenotomy;

(zc) application of plaster castorsplint for fracture immobilization and other bandaging procedure in large and small animals;

(zd) soundness in horses;

(ze) rectal examination–palpation of pelvic or abdominal organs in cattle or horses or buffaloes,

(zf) detection of oestrus, artificial insemination, pregnancy diagnosis;

(zg) management of vaginal or uterine prolapse and dystocia;

(zh) andrological examination of bull, handling, preservation and evaluation of semen;

(zi) vaccination procedures , vaccination schedules and vaccine types for different diseases;

(zj) handling of radiograph, interpretation of a given radiograph of large and small animals;

(zk) client management;

(zl) managing a clinical practice, ambulatory van, transporting a sick animal requirements,

etc.;

(zm) dosage regimens of important drugs;

(zn) drug administration techniques in different species of animals-oral, parenteral, rectal,

intra-peritoneal and intra-uterine;

(zo) identification of major livestock or poultry breeds;

(zp) measuring climatic parameters and their interpretation;

(zq) communication technology tools.

(15) Details of day to day work, posting and duration needs to be worked out by the Veterinary Institution

as per its needs and infrastructure facilities and the activities of interns shall be regulated by an Associate Professor (Internship) posted in Veterinary Clinical Complex and Assistant Professor (Internship and Entrepreneuralship) Livestock Farm Complex.

(16) The intern shall have the following functions, responsibilities and duties namely:-

(i)participation with clinical faculty in the hospital practice;

(ii)to Share the emergency and night duties on rotation in the large and small animal hospitals including Sundays and holidays;

(iii)participation with staff of the place of posting in Veterinary Practice, Production or Technology;

(iv)hands-on diagnostic and treatment procedures for hospitalized cases under the supervision of the attending veterinarian;

(v)to administer primary care to emergency cases and participate in service such as anesthesia, radiology, ultrasonography, endoscopy, laboratory and diagnostic procedures. Medicine, Gynaecology and Surgery rounds are held periodically allowing the interns to present cases and participate in topic discussion.

(17) The training shall be supplemented by fortnightly sessions of clinical conference, farm operation and

data analysis, preparation of feasibility reports, project report, campaigns or discussions in clinical

training, farm training and technology.

(18) The intern shall maintain a log book of day to day work which shall be verified and certified by the

supervisor under whom he or she works and in addition, the interns shall prepare a brief project report

on the basis of his or her case study or case analysis, survey reports etc. and shall be based on his or her

own study during the internship and such reports be supervised by more than one teacher, if required

and the interns shall present such report in seminar organised for the purpose.

(19) The assessment of each intern shall be based upon the evaluation of log book or project report, his or her performance reports from all the minimum prescribed training postings, entrepreneurial output,

clinical case reports and their presentation, viva and comprehensive examination in core competence

in veterinary skills through a written test by an Evaluation Committee comprising of the faculty

representing the concerned departments appointed by the Dean for this purpose and the distribution of

marks for various components of assessment shall be as under, namely:-

Log book or Project Report: 10 marks

Performance in different postings: 20 marks

Entrepreneurial output: 20 marks

Case Reports or Presentation: 10 marks

Written test: 30 marks

Viva : 10 marks

Total: 100marks

(20) The minimum pass marks in internship assessment shall be 50 out of 100.

(21) After successful completion of Internship, the Dean shall then issue the certificate of satisfactory completion of internship training as prescribed by the Veterinary Council of India.

(22) A candidate shall become eligible for registration with State or Union Territory Veterinary Council

only on the award of the B.V.Sc and A.H. degree or production of a provisional degree certificate by

the University.

13. **Examination and Evaluation. –** (1)It shall be the responsibility of the teacher(s) or instructor(s) to ensure that the topics to be covered in the theory and practical in each course shall be recorded through a

lecture or practical schedule and distributed to the students at the beginning of each course and the Head

of the Department or Dean shall ensure that the schedule is adhered to and alternate arrangements are

made to cover up the loss in case of any eventualities of unavoidable reasons that lead to non-adherence

of the above schedule.

(2) Work distribution chart of each teacher shall be available with Dean's office for inspection of the Council

and in each subject, professors and senior teachers shall be actively involved in teaching, especially in

conducting practical for degree course.

(3) The examination shall be to assess whether the student has been able to achieve a level of competence

and for academic assessment, evaluation of practical aspects of the curriculum shall receive much greater

emphasis leading to separate examinations and requiring the student to secure a minimum of 50% marks,

in theory as well as in practical, in each such examination.

(4) The weightage of theory and practical shall be in the ratio of 60:40 respectively.

(5) The distribution of marks for objective and subjective questions in each subject shall be in the ratio of

40:60 respectively in annual examinations provided the format of question paper in internal assessment

shall be as per the choice of instructor(s).

(6) The schedule of examination during Bachelor of Veterinary Science and Animal Husbandry course shall

consist of internal assessment and annual examinations as detailed below, namely:-

| | | |
|---|---|---|
| Internal Assessment<br>First<br>Second<br>Third | Course coverage<br>30%<br>60%<br>90% | Max. Marks 40 Max. Marks 40 Max. Marks 40 |
| Annual examination (Theory) | Paper-I<br>Paper-II | Max. Marks 100 Max. Marks 100 |
| Annual examination (Practical) | Paper-I<br>Paper-II | Max. Marks 60 Max. Marks 60 |



(7) There shall be four professional examinations- one each after 1st, 2nd, and 3rd yea and half year and these professional examinations shall have only the theory component with external system and the practical component shall be dealt with internally.

(8) The examination for Livestock Farm Complex and Veterinary Clinical Complex shall be conducted twice a year i.e. first practical exam after completion of 50% syllabus and the second one, when the course is completed but the second exam shall comprise of entire syllabus and annual professional examination shall be held after the completion of 100% course content in each subject and the result of the best of two internal assessments shall be accounted for.

(9) The evaluation of answer books of internal examinations shall be done by the concerned teacher(s) whereas evaluation of answer books of annual theory examinations shall be done by the external examiner(s).

(10)The practical examinations shall be conducted by a Board of Examiners consisting of concerned Head of the Department, teacher(s) and a representative of the Dean and the teachers while evaluating practical, shall take into account the followings, namely:-

(i) a record or log book maintained by each student as practical records;

(ii) written test or observation and recording of the skill with which each student executes the practical;

(iii) assessment of the comprehensive skill and knowledge of each student through an oral examination (viva-voce).

(11)The answer-books of internal assessment shall be shown to students and the records of internal assessment as well as that of annual practical examination shall be submitted to Controller of Examination.

(12)The practical manuals shall be prepared by the respective departments for each subject.

(13)The duration of internal assessment shall be atleast one hour whereas the duration of annual theory examination shall be three hours and one month prior to the commencement of annual examinations the best of two internal assessment marks shall be submitted by the instructor through the Head to the Controller of Examinations or Registrar.

(14)The annual theory examination(s) shall be conducted by inviting the question paper from appointed paper setter(s) and a paper setter shall be provided the courses and syllabus prescribed by the Veterinary Council of India including detailed course outline and the paper setter shall be requested to prepare two sets of question subjects, each for main examination and compartment examination (if any).

(15)The internal assessment shall be conducted by the concerned instructor(s) during free period without affecting the teaching schedule provided the annual examinations shall be held on such dates,

time and places as the university may determine and shall be completed in time so that the results are announced before the onset of the ensuing academic year.

(16)The schedule of annual examinations shall be adhered to strictly and no re-examination shall be allowed in events of students' strike, boycott, walkouts, medical grounds or what-so-ever may be the reason.

(17)The compartment examination shall be conducted within twenty calendar days of subsequent year registration:

Provided that a candidate may be allowed to provisionally sit in the next class provided he or she has failed only in two subjects and cannot be promoted to next Bachelor of Veterinary Science and Animal Husbandry class unless he or she has cleared the failed subject(s).

(18)The records of examination shall be made available to the Council, as and when required and the records of assessment may be retained till six months after the conduct of the annual examination.

14. **Teachers, Examiners, Paper Setters. – (1)** The persons with only basic veterinary qualification, included in Schedules to the Act, registered with a State Veterinary Council and having a Post-graduate Degree in the concerned subject, shall be recruited as teaching faculty in the Veterinary Colleges and preference shall be given to the candidates who have qualified National Eligibility Test conducted by



Agricultural Scientist Recruitment Board and in case National Eligibility Test qualified candidates are not available they shall qualify National Eligibility Test prior to their promotion and the College or University may employ Graduate Assistants with BVSc and AH or MVSc degree against the vacant post for a maximum period of two years and not more than one in each department.

(2) The post of Dean and Head of Department in a Veterinary College shall be filled up only with a teacher with basic veterinary qualification and the teaching staff in a veterinary college shall be whole-time teacher and shall be entitled for Non-Practicing Allowance (NPA).

(3) A person possessing qualification included in the First or Second Schedule to the Act shall be generally appointed as examiner or paper setter for the conduct of a professional examination for the Bachelor of Veterinary Science and Animal Husbandry course:

Provided that a person without the qualifications mentioned above may also be appointed examiner in his or her concerned subject provided he or she possesses the doctorate degree in that subject and a minimum three years under graduate teaching experience.

Provided, further that -

(a)no such person shall be appointed as an external examiner unless he or she has at least three year's teaching experience;

(b)no person below the rank of Lecturer or Assistant Professor or equivalent shall be appointed as internal examiner;

(c)no person shall be appointed as an external examiner in any para clinical or clinical subject unless he or she possesses a recognised veterinary qualification and holds a postgraduate degree and teaching experience in the subject concerned.

(d)persons working in Government or Semi Government or similar organisations may also be considered for appointment as external examiners provided they possess qualification and experience as laid down above.

(e)local person(s) shall normally not be appointed as paper setter(s) or external examiner(s), provided, under exceptional circumstances or unavoidable exigencies arising at the time of examination (like not arrival of appointed examiner or non-receipt of question paper from paper setter etc.), the University may appoint any qualified person for the purpose to avoid postponement or cancellation of annual board examination.

15. **Attendance. –** (1)The required condition of attendance shall not be deemed to have been satisfied in respect of the subject, unless the student has ordinarily attended all the scheduled theory and practical classes, provided, the minimum requirement of attendance shall not be less than 75% of scheduled theory and practical separately with relaxation of twenty working days for NCC or NSS, Co-curricular activities and medical ground and for the course of 0+1 credit, the relaxation shall be of only seven days.

(2)A candidate having attendance below 75% in a subject shall not be eligible to appear in the annual examination of that subject.

(3)The percentage of attendance of a student in a subject shall be computed on the basis of the total number of theory and practical classes scheduled between the date of commencement of instructions and date of closing of instructions irrespective of the date of registration, provided, for the students who are reverted back owing to failure in the compartment examination, the attendance shall be counted from the date of declaration of result of compartment examination and the date of closing of instructions and the attendance for the First year shall be counted from the date of registration.

16. **Promotion. –** (1)Promotion of a student in a professional year shall be decided only on the basis of aggregate marks of internal assessment and annual examinations.

(2)A student shall be promoted to next higher professional class only if he or she has passed in all the subjects of his or her class by obtaining at least 50% marks in theory (internal and external combined) and practical separately.

(3)A student should secure OGPA of 5.00 out of 10.00 at the end of degree programme to be eligible to get Bachelor of Veterinary Science and Animal Husbandry degree.



(4)A student may also be allowed provisional promotion to next higher class till the declaration of the result of the compartment examination, provided the provisional promotion shall be subject to clearance in the compartment examination of that or those subject(s) and shall be provisional and if the student fails in the compartment examination, he or she shall stand automatically reverted to the class from where he or she was allowed provisional promotion.

(5)Failed students shall register again for the entire professional class they failed and such students shall have to fulfill all requirements of the class afresh.

(6)A student failing in the annual examination for three consecutive years in a professional year of Bachelor of Veterinary Science and Animal Husbandry degree programme shall be finally dropped automatically from the University on account of poor academic performance (except fourth professional year).

(7)In no case, a student shall be allowed to continue his or her Bachelor of Veterinary Science and Animal Husbandry studies beyond Nine academic years (excluding Internship) in a Veterinary College.

17. **Compartmental examination. –** (1)A student failing in a maximum of two subjects only may be allowed to appear in compartment examination for those subject(s) and the compartment examination shall comprise of the annual component of both the theory and practical of the failed subject(s) which shall constitute 40 and 40 per cent weightage, respectively, and the marks obtained in internal assessment of theory shall be considered for the evaluation of compartment examination.

(2)The compartmental examination shall be conducted within twenty calendar days of subsequent year registration and if the student fails in the compartmental examination, he or she shall be reverted back to the original class and the results of such compartment examination shall be declared within ten days after the examination is conducted.

18. **Scrutiny of answer papers and rectification of errors. –** (1) There shall be a provision of scrutiny of answer book(s).

(2) A student, however, may be allowed to get his or her theory answer book(s) scrutinised, for which, the student shall have to apply to Controller of Examination or Coordinator of examination within three days after the declaration of result and after paying prescribed fee.

(3) The Controller or Coordinator (Examination) shall arrange the scrutiny of answer book(s) by the Screening Committee to be constituted by the Dean.

(4) The scrutiny shall be for re-totaling of the marks, and evaluation of unmarked question(s), if any.

(5) In case, the total marks are found to be incorrect on scrutiny, the same shall be corrected and the result shall be revised accordingly (even if it is towards lower side) and if, any question is found to be unchecked by the examiner, the answer book(s) shall be sent to the Examiner for doing the needful and the result(s) shall be revised accordingly if there occurs any change in the marks.

(6) No representation by the student(s) shall be entertained regarding the outcome of the result after scrutiny.

(7) In case a student on the basis of the result of scrutiny becomes eligible for the compartmental examination, he or she may apply to the concerned authority to appear in the compartment

examination on the announced scheduled date and the scheduled date of the compartment examination shall under no circumstances be changed on this account.

form Committee of three members consisting of Dean of the College as Chairman and two other teaching faculty members to moderate the results obtained at the annual board examination and the Committee shall review the results and recommend the moderation in the event of failure of more than 10% of the student actually appearing in that particular subject and any moderation suggested shall be uniformly applied to all students for that paper (s) without altering the merit of the passed candidates.

(9) Any moderation effected should not involve of enhancing of more than total of 5 marks in a professional year for a particular candidate, and in no case more than 3 marks in one subject and the provisions for



moderation of results shall not apply to Compartment Examinations and there shall be no provision for

grace marks in any case.

19. **Grading.** – (1)Grade Point in a subject shall be the total marks obtained by a student out of 100 divided by 10

(2) Credit Pont in a subject shall be Grade Point multiplied by the credit hours.

(3) Total Credit Points shall be the sum of the credit points secured.

(4) Grade Point Average shall be the sum of the total credit points earned divided by the sum of credit

hours.

(5) Overall Grade Point Average shall be the sum of the grand total of credit points earned divided by the

grand sum of credit hours.

(6) The corresponding ranking of Overall Grade Point Average with respect to traditional scoring system

of division ranking shall be as follows, namely:-

| | | |
|---|---|---|
| 8.000 and above | - | First Division with Distinction |
| 7.000 -7.999 | - | First Division |
| 6.000 - 6.999 | - | Second Division |
| 5.000 - 5.999 | - | Pass |

(7) The formats of detailed mark certificate and degree transcript are annexed at **Annexure I and II** to these

regulation**.**

## PART V

## COURSES AND COURSE CONTENTS

### 20. PROFESSIONAL YEARWISE DISTRIBUTION OF COURSES

(1) FIRST PROFESSIONAL

| | |
|---|---|
| Veterinary Anatomy | 4+3=7 |
| Veterinary Physiology | 4+1=5 |
| Veterinary Biochemistry | 2+1=3 |
| Livestock Production Management | 4+2=6 |
| | Total 14+7=21 |

(2) SECOND PROFESSIONAL

| | |
|---|---|
| Veterinary Microbiology | 3+2=5 |
| Veterinary Pathology | 4+2=6 |
| Animal Genetics and Breeding | 3+1=4 |
| Animal Nutrition | 3+1=4 |
| | Total 13+6=19 |

(3) THIRD PROFESSIONAL

| | |
|---|---|
| Veterinary Pharmacology and Toxicology | 4+1=5 |
| Veterinary Public Health and Epidemiology | 3+1=4 |
| Veterinary Parasitology | 3+2=5 |
| Livestock Products Technology | 2+1=3 |
| Veterinary and Animal Husbandry Extension Education | 3+1=4 |
| Veterinary Clinical Practices – I | 0+1=1 |
| Livestock Farm Practices | 0+2=2 |
| | Total 15+9=24 |



(4) FOURTH PROFESSIONAL

| | |
|---|---|
| Veterinary Surgery and Radiology | 2+1=3 |
| Veterinary Medicine | 4+1=5 |
| Veterinary Gynaecology and Obstetrics | 2+1=3 |
| Veterinary Clinical Practices –II | 0+6=6 |
| | Total 8+9=17 |

21. **COURSE CONTENTS**

(1) GENERAL REMARKS

Alternate use of animals as model for demonstration shall be encouraged and the computer simulations, Interactive CD-Rom, films, charts and life like models shall be used for better understanding of the subject and the programme to obtain cadavers ethically be established at all veterinary colleges.

(2) DEPARTMENT-WISE DESCRIPTION

(i) **DEPARTMENT OF VETERINARY ANATOMY**

**VETERINARY ANATOMY** **Credit Hours: 4+3**

**Dissection will be carried out on cadavers procured by way of donation of animals or animals obtained from post-mortem section and the donated animals should be either incurable or in terminal stages and prossected specimens should be used.**

**Within one year each college must setup a body donation programme or wild body programme.**

**Computer simulations software's, models, mannequins, plastinated specimens, preserved body organs, models should be used for better understanding of the subject.**

**THEORY**

**UNIT: 1**

Introduction to anatomy and branches of anatomy and descriptive terms used in anatomy and study of anatomical planes.

**General Osteology, Arthrology and Myology:** Study of properties and structure of bone. Classification of skeletons, classification of bones with suitable examples and terms used in osteology Introduction to arthrology, classification of joints, different diarthrodial joints, structure of diarthrodial joints and movements permitted. Introduction to myology, classification of muscles, etymology of muscles. Description of tendon, ligaments, aponeurosis, synovial bursa and synovial sheath.

**(Note: Detailed description of muscles of different regions of the body will be studied in the respective practical).**

**General Angiology, Neurology and Aesthesiology:** Introduction to angiology. Structure of heart. General plan of systemic and pulmonary circulations, lymphatic and venous systems. Introduction to neurology and parts of

central, peripheral and autonomic nervous system and sense organs. Formation of spinal nerve. Structure of meninges, brain, spinal cord.

Different surface regions, joint regions, Palpable Bony areas or prominences of the body of the animal. Palpable Lymph nodes and Arteries of the body and Surface veins for Venepuncture. Sites for collection of Bone marrow and Cerebrospinal fluid.

**General Splanchnology:** Introduction to splanchnology, boundaries of thoracic, abdominal and pelvic cavities, topography of different organs of digestive, respiratory, urinary, endocrine, male and female reproductive systems of domestic animals and fowl.

Principles and application of Radiography and Ultrasound for bones and soft tissues.

**UNIT-2**

**Fore limb:** Study of bones of fore limb of ox and differences in horse, dog, pig and fowl. Study of hoof of ox and horse. Study of joints, ligaments, stay apparatus, major blood vessels, nerves, veins and lymph nodes of fore limb. Sites for Radial, Median, Ulnar and Volar nerve blocks.

**UNIT-3**

**Head and neck:** Study of cranial and facial bones, cervical vertebrae of ox and differences in horse, dog, pig and fowl. Boundaries of the oral, orbital, nasal and cranial cavities. Study of paranasal sinuses in ox, horse, dog and pig. Study of articulations and special ligaments of the head and neck. Muscles of face, mastication, eye, ear, tongue, pharynx, soft



palate ,hyoid and larynx. Study of teeth, hard and soft palate, tongue, pharynx, larynx, thyroid, parathyroid and salivary glands and differences in horse, dog, pig and fowl. Study of cranial nerves, blood vessels and lymph nodes of head and neck regions. Study of boundaries of jugular furrow and structures of carotid sheath along with neck muscles. Study of sense organs, trachea and oesophagus. Age determination by Dentition. Sites for Tracheotomy, Esophagotomy, Ligation of Stensons duct and Mental, Mandibular, Maxillary , Cornual, Infraorabital , Supraorbital (frontal) , Orbital and Auriculopalpebral nerve blocks and surgical approach to guttural pouches in horse. Importance of Cornual nerve and superficial Temporal artery in Amputation of Horn in cattle.

**UNIT-4**

**Thorax:** Study of thoracic vertebrae, ribs and sternum of ox and differences in horse, dog, pig and fowl. Study of joints, special ligaments, blood vessels, nerves, lymph vessels and lymph nodes of thorax. Study of organs of thorax i.e. trachea, thymus, oesophagus, lungs and differences in horse, dog, pig and fowl. Study of pleura, its reflections and mediastinum. Areas of auscultation and percussion of heart and lungs and site for Paracentesis Thoracis.

**UNIT-5**

**Abdomen:** Study of bones of abdomen of ox and differences in horse, dog, pig and fowl. Study of joints, special ligaments blood vessels, nerves of abdomen region. Blood and nerve supply to abdominal viscera. Study of peritoneal reflections, organs of digestive, urinary, male and female reproductive systems present in abdomen and differences in horse, dog, pig and fowl. Study of mammary glands in cow and differences in mare, bitch and sow. Study of spleen of ox and differences in horse, dog, pig and fowl. Study of major veins, lymph vessels, lymph nodes and endocrine glands of abdomen. Boundaries and Clinical importance of the flank and Para Lumbar Fossa. Sites for Liver ,Gall Bladder and Caecal Biopsies, Laparotomy,Rumenocentesis ,Rumenotomy,abomasotomy, spleenectomy, Cystotomy , Caesarean Operation , enterotomy, and paravertebral block .

**UNIT-6**

**Hind limb and pelvis:** Study of bones of hind limb and pelvis of ox and differences in horse, dog, pig and fowl. Study of joints, ligaments, blood vessels, lymph nodes and nerves of hind limb, pelvis and tail region and pelvic viscera. Study of pelvic peritoneal reflections, organs of digestive, urinary, male and female reproductive systems present in pelvic cavity and differences in horse, dog, pig and fowl. Boundaries of the inguinal canal and structures of the spermatic cord, pre pubic tendon and its importance. Study of external genital organs. Sites for Tibial , Peroneal ,Plantar and Pudic nerve blocks, Patellar desmotomy, Urethrotomy, Castration , Vasectomy, cranial and caudal epidural anaesthesia.

**UNIT-7**

Cytology, cell junctions, study of basic tissues i.e epithelial, connective, muscular and nervous tissues, blood and bone marrow. Study of microscopic structures of digestive, circulatory, urinary, respiratory, nervous, lymphatic, endocrine, male and female genital systems and mammary glands of domestic animals. Study of microscopic structure of sense organs i.e. eye, ear and integument.

**UNIT-8**

Introduction to embryology, gametogenesis, fertilization, cleavage, types of eggs, morula, blastulation, gastrulation, types of implantation, twinning. Formation of foetal membranes in mammals and birds, Placenta and its classification. Different germ layers and their derivatives. Study of development of organs of digestive system including accessory structures i.e tongue, teeth, salivary glands, liver and pancreas. Study of development of organs of respiratory, urinary, circulatory, lymphatic, nervous, musculoskeletal, male and female reproductive systems. Development of endocrine glands, sense organs i.e eye and ear.

**PRACTICAL**

**UNIT-1**

Study of general terms used in anatomy, study of anatomical planes. Study of different parts of skeleton, different surface and joint regions. Study of boundaries of thoracic, abdominal and pelvic cavities. Demonstration of different types of joints, muscles tendons, ligaments, synovial bursa and synovial sheath. In situ demonstration of heart, meninges, brain and spinal cord. Boundaries of Thoracic, Abdominal and Pelvic Cavities and in situ demonstration of organs of digestive, respiratory, urinary, endocrine, male and female reproductive systems of domestic animals.

Demonstration of Different surface regions, joint regions and Palpable Bony areas or prominences of the body of the animal , Common sites of fractures, Palpable Lymph nodes and Arteries of the body ( ventral coccygeal artery in ox, femoral artery in dog and cat , facial artery in horse ) and Surface veins for Venepuncture( cephalic vein and recurrent tarsal vein in dog and cat , jugular vein in large animals.) and Sites for collection of Bone marrow and Cerebrospinal fluid. Visualization of Radiographs and ultrasound pictures of various organs and Fractures of various bones.



**UNIT-2**

**Fore limb:** Demonstration of different bones of fore limb of ox and comparison with horse, dog, pig and fowl. Dissection of the fore limb. Study of joints, ligaments, muscles, major blood vessels, lymph nodes and nerves of fore limb. Study of sites for different nerves blocksorneurectomies in fore-limb. Study of suprascapular nerve paralysis-shoulder sweeny, radial nerve paralysis-capped elbow. Structure of the equine hoof and comparison with ox. Demonstration of radiographs of normal bones of fore limb. Clinical importance of cephalic vein for intravenous injections in dog.

**UNIT-3**

**Head and neck:** Demonstration of cranial and facial bones, cervical vertebrae of ox and comparison with horse, dog and fowl. Dissection of muscles of face, mastication, tongue, pharynx, soft palate, hyoid, larynx, eye and ear. Dissection of superficial neck muscles. Dissection of brain and its parts. Dissectionordemonstration of tunics of eye. Study of teeth, tongue, pharynx, thyroid, parathyroid and salivary glands and differences in horse, dog, pig and fowl. Study of cranial nerves, and blood vessels of head and neck regions. Study of trachea and oesophagus. Study of nerve blocks of the head i.e cornual, auriculo-palpebral, Peterson's orbital nerve block, mandibulo-alveolar and mental nerve blocks. Importance of facial artery for recording pulse in horse. Surgical importance of Stenson's duct in domestic animals. Surgical approach to guttural pouches-Viborg's triangle. Clinical importance of jugular vein for intravenous injections in large animals. Demonstration of radiographs of normal bones of head and neck.

**UNIT-4**

**Thorax:** Demonstration of thoracic vertebrae, ribs and sternum of ox and comparison with horse, dog, pig and fowl. Dissection of muscles, blood vessels, nerves and lymph nodes of thorax. Demonstration of organs of thorax i.e. trachea, oesophagus, thymus, lungs and heart and differences in horse, dog, pig and fowl. Study of pleural reflections of thoracic cavity. Demonstration of sites for auscultation and percussion. Recurrent laryngeal nerve paralysis-roaring in horses.

Choke or oesophageal obstruction. Demonstration of radiographs and videos of ultrasonography of organs of thorax.

**UNIT-5**

**Abdomen:** Demonstration of bones forming boundaries of abdomen of ox and comparison with horse, dog, pig and fowl. Dissection of muscles, blood vessels and nerves of abdomen. Demonstration of peritoneum, omentum, mesentry and organs of digestive, urinary, male and female reproductive systems present in abdomen and differences in horse, dog, pig and fowl. Demonstration of mammary glands of cow, mare, bitch and sow. Demonstration of major veins, lymph vessels and lymph nodes of abdomen. Topographic location of abdominal viscera of ox and comparison with horse, dog, pig and fowl. Demonstration of sites for laparotomy, caesarean section, ovario-hysterectomy, catheterization of urinary bladder and sites for paravertebral and epidural anaesthesia. Demonstration of Boundaries and Clinical importance of the flank and Para Lumbar Fossa,Sites for Liver ,Gall Bladder and Caecal Biopsies, Laparotomy,Rumenocentesis ,Rumenotomy,abomasotomy, spleenectomy Cystotomy , Caesarean Operation, catheterization of urinary bladder and enterotomy and paravertebral block . Demonstration of radiographs and videos of ultrasonography of organs of abdomen.

**UNIT-6**

**Hind limb and pelvis:** Demonstration of bones of hind limb of ox and comparison with horse, dog, pig and fowl. Demonstration of joints and ligaments of hind limb and pelvis. Dissection of muscles, blood vessels, lymph nodes and nerves of hind limb and pelvic cavity. Demonstration of peritoneal reflections of pelvic cavity and organs of digestive, urinary, male and female reproductive systems in pelvic cavity and differences in horse, dog, pig and fowl. Study of external genital organs. Clinical importance of femoral artery to record pulse in dog. Clinical importance of recurrent tarsal vein for intravenous injections in dog. Demonstration of radiographs of normal bones and videos of ultrasonography of organs of pelvis. Demonstration of Sites for Tibial ,Peroneal ,Plantar and Pudic nerve blocks, Patellar desmotomy, Urethrotomy, Castration , Vasectomy and cranial and caudal epidural anaesthesia.

**UNIT-7**

Microscopy and micrometry. Comparison of light and electron microscopy. Histological techniques, processing of tissues for paraffin sectioning and haematoxylin and eosin staining. Microscopic examination of epithelium, connective tissue, muscular tissue, nervous tissue and blood. Microscopic examination of organs of digestive, circulatory, urinary, respiratory, nervous, lymphatic, endocrine, male and female genital systems and sensory organs of domestic animals.

**UNIT-8**

Demonstration of Placenta, umbilical cord and foetal membranes of different domestic animals. Demonstration of congenital anomalies of domestic animals as per availability. Study of slides of developing organs of different systems as per the availability.



A embalmed cadaver of buffalo calf (procured through donated animals or cadevars obtained from post-mortem section) for every 24 students to be used for dissection purposes.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1, 2, 3and 4 | 100 | 20 |
| Paper-II | 5,6,7 and 8 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1, 2, 3and 4 60 20 | | |
| Paper-II | 5,6,7 and 8 60 20 | | |

(ii) **DEPARTMENT OF VETERINARY PHYSIOLOGY AND BIOCHEMISTRY**

**VETERINARY PHYSIOLOGY AND BIOCHEMISTRY** **Credit Hours: 6+2**

VETERINARY PHYSIOLOGY Credit Hours: 4+1

VETERINARY BIOCHEMSITRY Credit Hours: 2+1

**VETERINARY PHYSIOLOGY**

**THEORY**

**UNIT- 1 (BLOOD, CARDIOVASCULAR, NERVOUS AND MUSCULAR SYSTEMS)**

Introduction to Blood; Properties of blood as a body fluid, metabolism and fate of R.B.C; Hemoglobin-chemical structure, synthesis, physiological functions, derivatives of hemoglobin;

Heart- morphological characteristic, systemic excitability conduction and transmission processes. Cardiac Cycle: Regulation of cardiac output; coronary circulation; properties of pulse; metabolism and energetic of working myocardial cell, extrinsic and intrinsic regulation; Electro Cardio Graph and its significance in Veterinary Sciences - Echocardiography. Haemorrhage haemostasis. Haemodynamics of circulation, circulatory mechanics, resistance to flow, vasoconstriction, nervous and circulating fluid volume controls of blood pressure, neurohormonal control of vascular smooth muscle. Circulatory controls- shock stresses, regional and fetal circulation. Capillary exchange, control of blood pressure. Adjustment of circulation during exercise.

Muscle Physiology-basic muscle unit characteristic-electrical phenomenon in muscle cell - muscle action potential, excitation and propagation of impulse characteristics- latent period refractive ness, threshold level-all and none characteristics - contractile mechanism - excitation - contraction coupling-neuro-muscular transmission, types of muscle contraction, phenomenon of fatigue, rigor mortis. Organization of nervous system- Mechanism of information processing, hierarchical control. Major function system- sensory, consciousness, emotion, motor and visceral control and basic functional unit - neuron structure, type- functional characteristics of sub-units of neuron. Membrane potential - ionic basis of resting membrane potential (RMP) nerve action potential, excitation and propagation of impulse characteristics- latent period- refractive-ness, threshold level-all and none characteristics. Degeneration and regeneration of nerve fibre. Synaptic and junctional transmission. Functions of nervous system- reflexes-control of posture and movements, autonomic nervous system and visceral control. Neurotransmitter wakefulness, sleep cycle. Higher function of neurons system - learning, memory, electroencephalography. Sense organs and receptors physiology of special senses - Eye: functional morphology, nourishment and protection neural pathway, receptors- optics, ocular muscles and movements, photochemistry, Vision defects Ear: Physiology of hearing and common hearing impairment. Vestibule apparatus. Physiology of olfaction and taste

**UNIT-2 (DIGESTIVE AND RESPIRATORY SYSTEMS)**

Morphological characteristic of mono gastric and poly gastric digestive system. Prehension, rumination; defecation; vomition; regulation of secretory function of saliva, stomach, intestine, pancreas; bile secretion; hunger, appetite control, developmental aspects of digestion; luminous, membranous and microbial digestion in rumen and intestine; permeability characteristics of intestine, forces governing absorption, control intestinal transport of electrolyte and water, enzymatic digestion in monogastric and fermentative digestion in rumen, modification of toxic substances in rumen. Digestion in birds.



Functional morphology of respiratory apparatus. Mechanics of breathing. Transport of blood gases, foetal and neonatal oxygen transport, dissociation curves, pressures, recoil tendency, elasticity, surfactants, pleural liquid, compliance, exchanges of gases in lungs and tissues, neural and chemical regulation of breathing, diffusion, perfusion, hypoxia. Frictional resistance to air flow, airways smooth muscle contraction, respiratory muscle work, panting, adaptation of respiration during muscle exercise, high altitude hypoxia, Non-respiratory lung functions. Respiration in birds.

**UNIT-3 ( EXCRETORY AND ENDOCRINE SYSTEMS)**

Kidney- Functional morphology of nephrons, factors determining filtration pressure, determination of glomerular filtration rate (GFR) and renal plasma flow – Re-absorption mechanisms for glucose, protein, amino acids, electrolytes; ammonium mechanism, glomerulo-tubular balance, methods of studying renal functions; urine concentration; micturition, uremia. Fluid, water balance, fluid therapy, dehydration, water concentration mechanisms. Acid base balance and H+ regulation, correction and evolution of imbalances, total osmotic pressure. Formation and excretion of urine of Birds. Cerebrospinal fluid, synovial fluids - composition, formation and flow; Joints. Regulation of bone metabolism and homeostasis.

Hormone cell interaction, sub-cellular mechanisms-metabolism of hormones-methods of study of endocrine system; Receptors- mechanism of regulation; Chemistry of hypothalamo- hypophyseal hormones, target organ,

pineal, thyroid, thymus, pancreas, adrenal, prostaglandins, hormones of calcium metabolism, disorders, rennin-angiotensin system, atrial natriuretic factors, erythropoietin, GI hormones, pheromones.

**UNIT-4 (REPRODUCTION, LACTATION, GROWTH AND ENVIRONMENTAL PHYSIOLOGY)**

Genetic and endocrine control of gonadal development, modification of gonadotrophin release, ovarian functions, follicular development, dynamics, endocrine and receptor profiles, sexual receptivity, ovarian cycle, post-partum ovarian activity, ovum transport, capacitation, fertilization, reproductive cycles in farm animals- hormones present in the biological fluids during pregnancy and their uses for the diagnosis of pregnancy- maternal foetal placental participation in pregnancy and parturition, immunology of gestation, preparturient endocrine status.

Spermatogenic cycle and wave- function of sertoli cell-leydig cell-semen - composition- evaluation; Testosterone - function and regulation - cryptorchidism. Puberty - photoperiod - uses of androgens, progestogens, estrogens.

Functional and metabolic organization of mammary glands - structure and development; effect of estrogens and progesterone; hormonal control of mammary growth; lactogenesis and galctogenesis; biosynthesis of milk constituents- secretion of milk, and metabolism, prolactin and lactation cycle.

Biochemical and genetic determinants of growth, regulation of growth, metabolic and hormone interactions, factors affecting efficiency of growth and production in ruminants and single stomach animals. Growth in meat producing animals and birds, growth curves. Recombinant gene transfer technologies for growth manipulation-advantages and limitations. Protein deposition in animals and poultry.

Heat balance, heat tolerance, hypothermia, hyperthermia, thermo-regulation in farm animals, role of skin, responses of animals to heat and cold, fever, body temperature and hibernation. Temperature regulation in birds.

Climatology- various parameters and their importance. Effect of different environmental variables like temperature, humidity, light, radiation, altitude on animal performance. Acclimation, acclimatization - general adaptive syndrome. Clinical aspects of endocrine - reproductive functions, circadian rhythm.

Neurophysiology of behaviours, types of behaviour, communication, Learning and memory behavioural plasticity.

**PRACTICAL**

**UNIT- 1 (BLOOD, CARDIOVASCULAR, NERVOUS AND MUSCULAR SYSTEMS)**

Collection of blood samples - Separation of serum and plasma - Preservation of de-fribrinated blood - enumeration of erythrocytes, leucocytes - differential leucocytic count - platelet count - estimation of hemoglobin - haematocrit - erythrocyte sedimentation rate - packed cell volume - coagulation time- bleeding time - Erythrocyte fragility and viscosity - blood grouping - recording of ECG - measurement of arterial blood pressure (Sphygmomanometry). Simulation experiments on Nerve- Muscle and heart physiology.

**UNIT-2 (DIGESTIVE AND RESPIRATORY SYSTEMS)**

Counting of rumen motility, estimation of volatile fatty acids and ammonia nitrogen in rumen liquor. Bacterial and protozoal count. *In-vitro* action of proteolytic enzymes- Amylase, pepsin and trypsin. Recording of respiration, spirometry. Recording of volume and capacities in different physiological states including determination of vital capacities.



**UNIT-3 ( EXCRETORY AND ENDOCRINE SYSTEMS)**

Urine analysis-physiological constituents, pathological determinates, determination of Glomerular Filteration Rate. Titerable acidity, determination of inorganic phosphorus, urine ammonia nitrogen and creatinine in urine. Recording of rumenorintestinal movements (Demonstration) and Bio assay for tropic hormone. Demonstration of hormone estimation.

**UNIT-4 (REPRODUCTION, LACTATION, GROWTH AND ENVIRONMENTAL PHYSIOLOGY)**

Oestrus and phases of oestrous cycle in animals (vaginal mucus). Behavioural signs of oestrus. Sperm motility, sperm concentration -live and dead - abnormal sperm count. Measurement of growth in various species. Measuring surface area of animals. Health parameters of animals- body temperature, pulse, respiration and heart rate. Measurement of animal environmental conditions. Behaviour of animals- mating behavior, feeding behaviour (liveorvideo graphicorcomputer simulated demonstration).

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1and 2 | 100 | 20 |
| Paper-II | 3 and 4 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1and 2 | 60 | 20 |
| Paper-II | 3 and 4 | 60 | 20 |

**VETERINARY BIOCHEMISTRY** **Credit Hours: 2+1**

**THEORY**

**UNIT-1 (GENERAL VETERINARY BIOCHEMISTRY)**

Scope and Importance of Biochemistry. Structure of Biological Membranes and Transport across Membranes. Donnan Membrane Equilibrium. Dissociation of Acids, pH, Buffer Systems, Henderson-Hasselbalch Equation. Biochemistry of Carbohydrates: Biological Significance of Important Monosaccharides(Ribose, Glucose, Fructose, Galactose, Mannose and Amino Sugars), Disaccharides (Maltose, Isomaltose, Lactose, Sucrose and Cellobiose), Polysaccharides, (Starch, Dextrins, Dextrans, Glycogen, Cellulose, Inulin, Chitin), and Mucopolysaccharides Including Bacterial Cell Wall Polysaccharides. Biochemistry of lipids: Properties and biological significance of simple, compound and derived lipids and lipoproteins. Fat indices. Structure and functions of prostaglandins. Biochemistry of proteins: Classification, Structure, Properties - Biological significance of proteins. Amino acids: Structure and classification. Physical and chemical properties of amino acids - amphoteric nature, optical activity, and peptide bond formation. Biochemistry of nucleic acids: Chemistry of purines, pyrimidines, nucleosides and nucleotides. Biological significance of nucleosides and nucleotides. Structures and functions of deoxyribonucleic acid (DNA) and a typical ribonucleic acid (RNA).

**UNIT-2 (INTERMEDIARY METABOLISM)**

Enzymes: Definition and classification. Coenzymes, cofactors and iso-enzymes. Properties: Protein nature, enzyme-substrate complex formation, modern concept of the active center of enzyme. Specificity of enzyme action: Substrate specificity, group specificity, stereo or optical specificity. Factors influencing enzyme action: Effects of temperature, pH, concentration of substrate and enzyme. Enzyme units: International Units, katal, turnover number and specific activity. Enzyme inhibition: Competitive, non-competitive, uncompetitive inhibition and suicidal inhibition. Allosteric enzymes. Biological oxidation: Enzymes and coenzymes involved in oxidation and reduction. Respiratory chain or electron transport chain, oxidative phosphorylation, inhibitors, uncouplers and other factors influencing electron transport chain. Carbohydrate metabolism: Glycolysis, Kreb's cycle, HMP shunt, gluconeogenesis, Cori cycle, glycogenesis, glycogenolysis, Bioenergetics of carbohydrate metabolism. Lipid metabolism: Beta oxidation of fatty acids, ketone body formation, biosynthesis of fatty acids. Bioenergetics of lipid metabolism.

Protein metabolism: Biosynthesis and Degradation. Deamination, transamination and decarboxylation of amino acids. Ammonia transport and urea cycle. Nucleic acid metabolism: Metabolism of purines and pyrimidines. DNA and RNA biosynthesis and regulation. Regulation and Integration of metabolism.

**UNIT- 3 (VETERINARY ANALYTICAL BIOCHEMISTRY)**

Disorders of Carbohydrate Metabolism: Diabetes mellitus, Ketosis, Bovine Ketosis, Pregnancy toxemia, hypoglycaemia in baby pigs, hyperinsulinism in Dogs. Hormonal control of carbohydrate metabolism and regulation of blood sugar.



Biochemical tests for the detection of disturbance in carbohydrate metabolism. Plasma Proteins and clinical significance, Proteins and Dysproteinemias,. Acute Phase proteins. Lipid Profile in disease diagnosis. Clinical Enzymology - Diagnostic importance of non-functional plasma enzymes and Isoenzymes, Liver function tests - Classification -Biochemical tests for differential diagnosis. Biochemical tests of renal function - Urine analysis - Role of BUN, Uric acid and Creatinine in diagnosis. Disturbance in acid base balance and its diagnosis. Biochemistry of digestive disorders. Biochemistry of oxidative stress and shock. Biochemical basis of fluid therapy. Detoxification in the body: Metabolism of xenobiotics, General reactions for biotransformation of different groups of substances, Cytochrome p450 system of enzymes.

**PRACTICAL**

**UNIT-1 (GENERAL VETERINARY BIOCHEMISTRY)**

Concentration of solutions and system International (S.I.) Units; Preparationor standardization of acids and alkalies; Preparation of Buffers; Titration curve of acid versus base; Qualitative test for carbohydrates and identification of unknown carbohydrates; Determination of acid number of an oil; Color and precipitation reactions of proteins; Estimation of amino acids (Sorensen's Method).

**UNIT-2 (INTERMEDIARY METABOLISM)**

Effect of temperature and pH on enzyme activity; Estimation of blood or plasma Glucose, Protein, Inorganic phosphate, Calcium, Magnesium; Estimation of ascorbic acid by Dichlorophenolindophenol (DCPIP) method; Estimation of milk lactose by Benedicts quantative method; Estimation of sodium and potassium by flame photometer; Paper or thin later Chromatography of amino acids; Estimation of vitamin A by colorimetry.

**UNIT-3 (VETERINARY ANALYTICAL BIOCHEMISTRY)**

Detection of Pathological Constituents in Urine; Assays of ALT and AST in Serum; Acute phase proteins (AorG Ratio); Estimation of total serum cholesterol, Blood Urea Nitrogen, creatinine, serum billirubin (Direct, Indirect and Total).

Principles of various diagnostic tests, normal and abnormal values in different species, differential diagnosis, correlating with diseases and rationale of arriving at the conclusion need to be rediscussed in detail during Final Profesional in the course VETERINARY CLINICAL PRACTICES-II, Diagnostic Laboratory Section.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1 and 3 | 100 | 20 |
| Paper-II | 2 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1and 3 | 60 | 20 |
| Paper - II | 21 | 60 | 20 |

(iii) **DEPARTMENT OF LIVESTOCK PRODUCTION MANAGEMENT**

**LIVESTOCK PRODUCTION MANAGEMENT THEORY**

**Credit Hours: 4+2**

**UNIT-1 (GENERAL LIVESTOCK MANAGEMENT)**

Demographic distribution of livestock and role in Indian economy. Problems and prospects of livestock industry in India. Common animal husbandry terms. (glossary) Body conformation and identification. Transportation of livestock and wild or zoo animals. Common farm management practices including disinfection, isolation, quarantine and disposal of carcass. Introduction to methods of drug administration. Common vices of animals (Cattle, Buffalo, Sheep, Goat,), their prevention and care. Livestock production systems. Animal holding and land holding patterns in different agro-climatic zones. Organic livestock production. Judging and BCS for body parts of livestock. Preparation of animals for show. Culling of animals. Selection and purchase of livestock.



**UNIT-2 (FODDER PRODUCTION AND CONSERVATION)**

Importance of grasslands and fodder in livestock production. Agronomical Practices for fodder production. Important leguminous and non-leguminous fodders in different seasons. Soil and Water conservation and drainage of water for fodder production. Fodder production for small livestock units. Structures for storage of feeds and fodders. Scarcity fodders and preservation of green fodder. Recycling of animal washings and wastes in fodders production and use of recycle waste.

**UNIT-3 (LIVESTOCK PRODUCTION MANAGEMENT-RUMINANTS)**

Housing systems, layout and design of different buildings for animals. Selection of site. General principles affecting the design and construction of building for housing for various livestock species. Arrangements of the

building with special reference to Indian conditions. Utilization of local materials. Building materials used for construction of wall, roof and floor of animal houses, their characteristics, merits and demerits. Breeds of cattle and buffalo and descriptions of important breeds. Economic traits of cattle and buffaloes. General management and feeding practices of calves, heifers, pregnant, lactating and dry animals, bulls and working animals. Draught ability of cattle and buffaloes. Raising of buffalo males for meat production. Routine animal farm operations and labour management. Animal farm accounts and records. Methods of milking and precautions. Factors affecting quality and quantity of milk production. Clean milk production. Breeds of sheep and goat and their descriptions. Important economic traits for meat, milk and fibre. General management and feeding practices during different stages of growth, development and production (milk, meat and wool). Breeding schedule and management of ram and buck. Weaning and fattening of lambs and kids.

**UNIT-4 (ZOO ANIMALS PRODUCTION MANAGEMENT)**

Taxonomy of important wild zoo animals. Status and conservation practices of wild life in India. Basic principles of habitat and housing of various classes of wild zoo animals. Size and space requirement (dimension) of cubicles, enclosures of important wild zoo animals. Management of livestock in fringe areas, in and surrounding the breeding areas. Feeding habits, feeds and feeding schedules of captive animals. Restraining, capture, handling, physical examination of captive animals. Classification of zoos, management of sanctuaries, national parks etc. Acts and Rules related to captive animals. National and international organization and institutions interlinked to captive animals role and functioning.

**UNIT-5 (ANIMAL WELFARE)**

Definition of animal welfare and ethics. Human and animal welfare in relation to ecosystem and environmental factors. Role of veterinarians in animal welfare. Animal welfare organizations, Animal Welfare Board of India - their role, functions and current status. Rules, regulations, laws on animal welfare. Prevention of Cruelty to Animals (PCA) Act, 1960 {59 of 1960). Role and function of Committee for the Purpose of Controlling and Supervising Experiments in Animals (CPCSEA). Protection of wild life in nature and captivity. Protection and welfare of performing animals. Welfare of animals during transportation. Animal welfare in commercial livestock farming practices. Protection and welfare of working animals. Pet and companion animal welfare. Animal welfare during natural calamities and disaster management. Legal duties of veterinarians, Common offences against animals and laws related to these offences. Provincial and Central Acts relating to animals. Laws relating to offences affecting Public Health. Livestock Importation Act Evidence, liability and insurance. Code of Conduct and Ethics for veterinarians - the Regulations made under the Act.

**UNIT-6 (POULTRY PRODUCTION MANAGEMENT)**

Indian poultry industry – Brief outline of the different segments – poultry statistics. Classification of poultry with respect to production characters, age and standards. Production characters of other avian species. Description of indigenous fowls and their value in rural farming. Specific strains developed for rural poultry production; their acceptability and importance in rural eco-system

Brooding management – Types of brooders – preparation of shed – Importance of environmental factors. Housing – Types of poultry houses – space requirements. Recent advances in housing systems and rearing systems. Scavenging system of management – Low input technology – Backyard and semi-intensive units; their management and economic achievements. Deep litter management – control of litter-borne diseases and recycling of litter. Cage management – Different types; Advantages and disadvantages. Management of growers and layers. Management of broilers and breeders. Stress management. Feeding management–Classification of nutrients – Nutrient requirements and feed formulations. Feeding systems–Feed restrictions – phase feeding – Additives and supplements. Water management. Breeding systems and methods of mating. Selection and culling. Breeding for specific characters and for hybrid chicken production. Poultry judging. Egg structure – Physical and chemical composition. Bio-security and principles of disease prevention management. Health care for common poultry diseases – vaccination. General principles of poultry medication.



**UNIT-7 (DIVERSIFIED POULTRY PRODUCTION AND HATCHERY MANAGEMENT)**

Principles of incubation and hatchery management practices. Factors affecting fertility and hatchability, selection and care of hatching eggs and hatchery hygiene. Candling, sexing, grading, packing and disposal of hatchery waste. Economics of hatchery business – Troubleshooting hatchery failures–Computer applications in hatchery management. Poultry waste management, pollution and environmental issues. Organic and hill farming. Mixed or integrated poultry farming

Vertical & horizontal integration in commercial poultry production – Contract farming. Exportorimport of poultry produce and marketing. Management of ducks, geese, turkeys, Japanese quails, guinea fowls etc.

**UNIT-8 (LABORATORY OR RABBIT OR PET ANIMAL PRODUCTION MANAGEMENT)**

Importance and selection of laboratory animal, care and housing standards of mice, rats, hamster and guinea pigs. General considerations on feeding and breeding of laboratory animals. Concept of production of specific pathogen free and germ free laboratory animals. Scope of rabbit farming in the country, breeds and their distributions in India. Limitation of rabbit animal production, Selection, care and management of breeding stock for commercial purpose. Identification, care and management of kindling animals. Care of new born, growing stock. Breeding and selection techniques for optimal production of rabbit. Feeds and feeding for rabbit production. Hygienic care and Housing for rabbit production. Disposal, utilization and recycling of waste etc. Preparing projects for micro (Backyard), mini and major rabbit farms. Important breeds of dogs, cats and pet birds. Feeding of dogs, cats and pet birds. Dog show: preparation for show, kennel clubs, important characteristics for judgment. Utility of dogs- guarding, defense, patrolling, riot control, scouting, espionage, mine detection, tracking, guiding, hunting, races, retrieving rescue and other uses.

**UNIT-9 (SWINE OR EQUINE OR CAMEL, YAK AND MITHUN PRODUCTION MANAGEMENT)**

Introduction and scope of swine farming in the country. Demography of swine population. Selection and breeding techniques in swine. Important breeds (exotic and indigenous) & their characteristics. Housing and feeding of swine. Management of different categories of swine for optimal production: breeding and pregnant sows; sows at farrowing and after farrowing: pig-lets, growing stock, lactating sows, feedlot stock. Equine population of India. Horses, donkeys and mules and their utility. Colors and markings. Identification of breeds of horses. Dentition and ageing of horses. Care and routine management of equines including grooming, saddling and exercise. Stable and its management. Vices of horses. Foot care and shoeing care. Feeding routine for horse, donkeys and mules. Care of stallion. Mating of horses, brood mare and its care. Foaling and care of newborn. Breeding mules. Care of race horses and preparing horses for show. Doping and its detection. Colic and its prevention. Common breeds of camel in India and their utility, peculiarities in camel. Feeding schedule of camel, rutting symptoms in camel, Vices of camel. Care of breeding in camel, pregnancy and parturition of camel. Population statistics and utility, peculiarities of yak. Feeding and breeding of MithunorYaks. Yak × cattle crossing, hybrids from Mithun or Yaks and their adaptation to high altitude, milk composition of Mithun or Yaks.

**PRACTCAL**

**UNIT-1 (GENERAL LIVESTOCK MANAGEMENT)**

General introduction of the Institute animal farm. Identification of common tools used on animal farm. Familiarization with body points of animals. Methods of identification (marking, tattooing, branding, tagging and electronic chip under pre emptive analgesia). Use of rope for knot and halter making. Dentition and ageing of animals. Preparation of animals for show and judging. Selection and culling of animals. Preparation of project proposal

**UNIT-2 (FODDER PRODUCTION AND CONSERVATION)**

Visit to the fodder farm. Familiarization with the various types of fodders in the state and India. Familiarization with various fertilizers and manures. Collection, preservation and storage of feed and fodder; Damagesorloss during transfer and storage; methods to prevent them. Cost of calculations of fodder production. Livestock waste utilization and recycling.

**UNIT-3 (LIVESTOCK PRODUCTION MANAGEMENT-RUMINANTS)**

Layout plans for different livestock houses. Visit to different animal farms and Identification of various breeds of cattle, buffalo, sheep and Goat. Humane handling and restraining of cattle, buffalo, sheep and Goat. Clipping, shearing, dipping, spraying and spotting sick animals. Determination of body weight using different measurements. Familiarization with routine cattle, buffalo, sheep and goat farm operations. Milking of dairy animals. Shearing of sheep. Training of breeding males. Detection of heat. Identification and care of pregnant animals, care of neonatal and young stock. Economics of dairy, sheeporgoat farm.

**UNIT-4 (ZOO ANIMALS PRODUCTION MANAGEMENT)**

Visit to nearby wildlife sanctuary, captive animals centres to study care and management of these animals. To study housing of captive animals. To study feeds and feeding schedule of captive animals. Hygienic preparation, preservation



and storage of feeds of captive animals. Familiarization about restraining, handling and physical examination of captive animals.

**UNIT-5 (POULTRY PRODUCTION MANAGEMENT)**

Common breeds of poultry, different classes, Indian chickens and other avian species breeds. Digestive and respiratory system of chicken. Male and female reproductive system–Quality changes in egg during storage. Economic traits of broilers. Economic traits of egg-type chicken and breeders. AI in poultry. Housing and design of a poultry farm. Poultry farm equipment and their classification. Brooding arrangement in broiler farms. Poultry feed ingredients and its quality assessment. Poultry feed preparations. Calculation of different economic indices of broiler farm. Calculation of economic indices of layer farm. Fundamentals in poultry Post-mortem examination for sample collection. Collection and dispatch of samples for PM examination. Management during Summer, Winter and Rainy season. Automization in poultry farms (EC house).

**UNIT-6 (INCUBATION AND HATCHERY MANAGEMENT)**

Hatchery layout and design. Project report for establishing a broiler farm. Project report for establishing a layer farm. Project report for establishing a breeder farm. Visit to commercial poultry farms or hatchery or feed mill. Visit to farms of other avian species.

**UNIT-7 (LABORATORY OR RABBIT OR PET ANIMAL PRODUCTION MANAGEMENT)**

Identification of body parts and handling, weighing, sexing and weaning of laboratory animals. Marking for identification of laboratory animals for purpose of their individual recording. Computation, feeding schedule of balanced diet for high breeding efficiency of laboratory animals. Maintenance of breeding records of laboratory animals. Prophylactic measures against common disease of laboratory animals. Hygienic care and control of parasites. Shearing of rabbit. Feeding and Housing requirement and equipments for rabbit. Projects report for establishing of rabbit farm. Handling and restraining of dog, cat and pet bird and equipments for pet animals and birds. Brushing or grooming and bathing of dogs and cats. Nail and tooth care, clipping of hairs for show purpose. Care of pups, kitten and weaning.

**UNIT-8 (SWINE OR EQUINE OR CAMEL, YAK AND MITHUN PRODUCTION MANAGEMENT)**

Handling, restraining of swine, equines, camel. Identification of pregnant animals, care during pregnancy, isolation and care of farrowing sows and piglets. Preparation of swine, equine for show and judging, Economics of pig. Routine inspection, tooth care and vaccination schedule. Horse riding: walking, trotting, cantering and galloping. Layout plans for sty, stables

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1, 2, 3, 4 and 5 | 100 | 20 |
| Paper-II | 6,7,8 and 9 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1, 2, 3and 4 | 60 | 20 |
| Paper - II | 5,6,7 and 8 | 60 | 20 |

(iv) **DEPARTMENT OF VETERINARY MICROBIOLOGY**

**VETERINARY MICROBIOLOGY** **Credit Hours: 3+2**

**THEORY**

**UNIT-1 (GENERAL & SYSTEMATIC VETERINARY BACTERIOLOGY)**

Introduction and history of Microbiology; Classification and nomenclature of bacteria; Microscopy and Micrometry; Bacterial stains and techniques; Structure and morphology of bacteria; Growth and nutritional

requirement of aerobic and anaerobic bacteria; Normal, opportunistic and saprophytic bacterial flora: Types and sources of infection, method of transmission of infection. Pathogenicity, virulence, determinants of virulence, Epizootic and enzootic diseases, bacteremia, septicaemia and toxaemia, endotoxins, exotoxins, antitoxins, toxoids; Bacterial genetics (Mutation, Transformation, Transduction and Conjugation), plasmids and antibiotic resistance.



Study of the following bacteria in relation to isolation, growth, cultural, morphological, biochemical and antigenic characteristics, epidemiology and pathogenesis, pathogenicity, diagnosis, prevention and control of bacterial diseases caused by following bacteria:

*Staphylococcus; Streptococcus*; *Corynebacterium, Trueperella,Rhodococcus; Listeria* and *Erysepelothrix; Bacillus; Mycobacterium; Clostridium, Actinomyces, Nocardia, Streptomyces* and *Dermatophilus;* Family *Enterobacteriaceae* (*E.coli, Klebsiella, Salmonella, Yersinia, Proteus*); *Pseudomonas* and *Burkholderia; Pasteurella*, *Mannheimia, Actinobacillus and Haemophilus, Brucella; Vibrio; Campylobacter; Bordetella and Moraxella; Gram negative anaerobes: Bacteriodes, Dichlobacteria and Fusobacterium; Leptospira and other Spirochaetes;Mycoplasma, Coxiella, Neorickettsia, Ehrlichia, Anaplasma, Rickettsia; Chlamydia and Chlamydophila*

Emerging, re-emerging and transboundry bacterial pathogens.

**UNIT-2 (VETERINARY MYCOLOGY)**

Introduction, classification, general properties of fungi; Growth and Reproduction of fungi; Study of following important pathogenic fungi in relation to their isolation, growth, morphological, cultural, biochemical and antigenic characteristics, epidemiology, pathogenesis, diagnosis and control of fungal diseases caused by following genera: *Candida* and *Cryptococcus; Aspergillus; Penicillium;* Dermatophytes and Malassezia; Dimorphic fungi, *Rhinosporidium* and *Sporotrichum;* Mycetomaand *Zygomycetes;* Mycotic mastitis and mycotic abortion; Mycotoxicoses

**UNIT-3 (MICROBIAL BIOTECHNOLOGY)**

Basic concepts and scope of Recombinant DNA technology; Gene cloning, Cloning vectors and expression vectors; Transformation and transfection; Southern, Northern and Western blotting; Bioinformatics, Gene banks; Application of molecular and biotechnological techniques: Polymerase chain reaction, Nucleic acid hybridization,DNA library, DNA sequencing and DNA fingerprinting; IPR. Ethics and regulatory issues in Animal Biotechnology.

**UNIT-4 (VETERINARY IMMUNOLOGY AND SEROLOGY)**

History of Immunology; Lymphoid organs, tissues and Cells: Types of Immunity; Antigens, hapten, epitope, Specificity, T dependent and T independent Antigens, heterophile Antigens, cross reacting Antigens, blood group Antigens, Mitogens and factors affecting immunogenicity; Adjuvants; Antibody: Structure, physiochemical properties and functions of various classes of immunoglobulins, Theories of antibody production; Hybridoma and monoclonal antibodies, Serological reactions. Major histocompatibility complex (MHC) structure, function and gene organization; Structure of BCR and TCR; Antigen processing and presentation; Complement system: activation pathways and biological consequences; Cytokines: general properties, major types and function; Hypersensitivity: classification and mechanism of induction; Autoimmunity; Immunotolerance; Concept of Immunity to Microbes, Vaccines and other biological.

**UNIT-5 (GENERAL AND SYSTEMATIC VETERINARY VIROLOGY)**

History of Virology; Introduction to viruses; Structure of Viruses; Classification of Viruses; Viral Replication; Genetic and Non-genetic viral interactions; Virus-Cell Interactions; Viral Pathogenesis, Oncogenesis, latency and immunopathology. Studies on General Properties, Antigens, Cultivation, Pathogenesis, Epidemiology, Clinical Signs, Diagnosis, Prevention and Control of following Viruses and Prions Causing Diseases in Livestock and Poultry: *Birnaviridae*: Infectious bursal disease virus; *Reoviridae:* Rotaviruses, Bluetongue virus, African horse sickness virus; *Paramyxoviridae*: Newcastle disease virus, Canine distemper virus, PPR virus; *Rhabdoviridae*: Rabies virus, Ephemeral fever virus, *Bornaviridae*: Borna virus. *Orthomyxoviridae*: Swine, Equine, Avian Influenza Viruses. *Coronaviridae*: Infectious Bronchitis virus, Transmissible gastroenteritis virus; *Arterivirdae:* Equine viral arteritis virus, *Picornaviridae*: FMD virus, Duck viral hepatitis virus; *Caliciviridae*: Feline calici Virus, *Togaviridae*: Equine encephalomyelitis viruses; *Flaviviridae*: Swine fever virus, BVD virus; *Retroviridae*: Visna or maedi virus, Equine infectious anemia virus, Lymphoid leucosis virus, Bovine leukemia virus. *Poxviridae*: Capripoxvirus, Avipoxvirus, Cowpoxvirus; *Asfarviridae*: African Swine Fever Virus; *Herpesviridae*: Bovine herpes viruses, Equine Herpes viruses, Infectious laryngotracheitis virus, Marek's disease

virus, Pseudorabies virus, Malignant Catarrhal Fever virus; Duck Plague virus, *Adenoviridae*: Infectious Canine Hepatitis virus, Egg Drop Syndrome virus, Fowl adenovirus, *Papillomaviridae*: Papillomatosis, *Parvoviridae*: Canine parvoviruses, Feline panleucopenia virus; *Circoviridae*: Chicken Anemia Virus: Prions: Scrapie, Bovine Spongiform Encephalopathy; Emerging, re-emerging and transboundry viruses and Viral Infections.

**PRACTICAL**

**UNIT-1 (GENERAL AND SYSTEMATIC VETERINARY BACTERIOLOGY)**

Orientation to bacteriology laboratory; Methods of sterilization and disinfection; Preparation of culture media for cultivation of aerobic and anaerobic bacteria; Methods of inoculation, Cultivation of aerobic and anaerobic bacteria; Isolation of bacteria in pure culture; Simple staining, Negative staining, Differential staining procedures of bacteria: Gram's staining, Acid fast staining; Special staining procedures: Capsule and Spore staining; Bacterial motility; Culture sensitivity test; Outlines of collection, transportation and processing of samples for bacterial disease diagnosis.



Characterization of *Staphylococcus; Streptococcus; E. coli Salmonella; Klebsiella and Proteus; Pseudomonas; Pasteurella; Clostridium;* Isolation and identification of bacteria from clinical cases of Mastitis, Abortions, Enteric, Respiratory and Pyogenic infections.

**UNIT-2 (VETERINARY MYCOLOGY)**

Outline of collection, transportation and processing of samples for fungal disease diagnosis, Preparation of culture media, Cultivation and slide culture technique of fungi; Cultural characteristics of fungi; Lactophenol cotton blue staining to study morphology of fungi; Culture sensitivity test of fungi; Diagnosis of Aspergillosis and Candidiasis; Demonstration of other important yeast, moulds and Dermatophytes

**UNIT-3 (MICROBIAL BIOTECHNOLOGY)**

Extraction and quantitation of nucleic acid; Plasmid isolation and plasmid profiling; Agarose gel electrophoresis for studying or diagnosis of nucleic acid of microbes; SDS PAGE electrophoresis for studying or diagnosis of proteins of microbes; Use of Multimedia and audio-visual aids for molecular biology aspects.

**UNIT-4 (VETERINARY IMMUNOLOGY AND SEROLOGY)**

Inoculations of lab animals, preparation of antigen, Raising of antisera, separation and preservation of serum, Concentration of Immunoglobulins, Agglutination tests: Plate, Tube, Haemagglutination, Precipitation test: Agar gel precipitation Test, Single radial immunodiffusion test, Immunoelectrophoresis, Cell mediated immune response (DTH), Enzyme linked immunosorbent assay (ELISA), Visit and appraisal of Veterinary biological institute.

**UNIT-5 (GENERAL AND SYSTEMATIC VETERINARY VIROLOGY)**

Orientation to a virology laboratory; Collection, preservation, transport of samples and their processing in virology laboratory; Isolation of viruses in laboratory animals or poultry or embryonated chicken eggs; Preparation of media and reagents for cell culture; Subculture and maintenance of continuous cell lines; Quantitation of cells by viable cell counts in a haemocytometer; Cryopreservation and recovery of cell cultures; Preparation of Primary cell culture (chicken embryo fibroblast or Lamb kidney); Demonstration of cytopathic effect by viruses in cell culture (Important virus isolates available in the department); Demonstration of Titration of virus by $TCID_{50}$ and plaque assay in cell cultures*; Demonstration of neutralizing antibodies by serum neutralization test in cell cultures* ; Agar gel precipitation test for detection of virus infection*; Titration of Newcastle disease virus by haemagglutination test; Haemagglutination inhibition test for detection of antibodies to Newcastle disease virus; ELISA for detection of viral antigen and antibodies; Molecular techniques for viral disease diagnosis

*Important virus isolates available in the department.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1,2 and 3 | 100 | 20 |
| Paper-II | 4 and 5 | 100 | 20 |

PRACTICAL

| | | | |
|---|---|---|---|
| Paper-I | 1, 2and 3 | 60 | 20 |
| Paper - II | 4 and 5 | 60 | 20 |

(v) **DEPARTMENT OF VETERINARY PATHOLOGY**

**VETERINARY PATHOLOGY** **Credit Hours: 4+2=6**

**THEORY**

**UNIT-1 (GENERAL VETERINARY PATHOLOGY)**

Introduction and scope of Veterinary Pathology. Major intrinsic and extrinsic causes of disease. Haemodynamic disorders (hyperaemia, congestion, haemorrhage, oedema, thrombosis, embolism and infarction). Glycogen overload, amyloidosis and fatty changes. Reversible and irreversible cell injury- degenerations, necrosis and its types, apoptosis, differences between post-mortem autolysis and necrosis, gangrene and its types. Major exogenous and endogenous pigments. Metastatic and dystrophic calcification. Photosensitization. Disturbances in growth (Aplasia, hypoplasia, atrophy, hypertrophy, hyperplasia, metaplasia and dysplasia). Inflammation: Definitions, classification, various cell types



and their functions, mediators, cardinal signs and systemic effects. Wound healing by primary and secondary intention including growth factors. Immunopathology in brief (immunodeficiency, hypersensitivity and autoimmunity).

**UNIT-2 (SYSTEMIC VETERINARY PATHOLOGY)**

Pathological changes affecting Digestive, Respiratory, Musculoskeletal, Cardiovascular, Haematopoietic, Lymphoid, Urinary, Reproductive, Nervous, Endocrine systems, Skin and Appendages, Ear and Eye.

**UNIT-3 (ANIMAL ONCOLOGY, VETERINARY CLINICAL PATHOLOGY AND NECROPSY)**

Animal Oncology: Definitions, general characteristics and classification of neoplasms. Differences between benign and malignant tumours, aetiology, carcinogenesis and spread of neoplasms, tumour immunity, effects and diagnosis of tumours, staging and grading of neoplasms. Pathology of various types of tumours in domestic animals (epithelial, connective tissue, hematopoietic tissue etc.)

Veterinary Clinical Pathology: Introduction, Haematology – Different anticoagulant used in haematology, interpretation of blood tests (haemoglobin, packed cell volume, total erythrocyte count, erythrocytic indices, erythrocytic sedimentation rate, total leukocyte count, absolute count of different leucocytes), blood smear examination and its interpretation.

Urinalysis- Interpretation of physical, chemical and microscopic examination of urine. Study of biopsy and cytology including exfoliative cytology as rapid diagnostic techniques.

Necropsy: Introduction, objectives, pre-necropsy guidelines, procedure for post mortem examination of various species of animals including wild animals, post mortem changes, collection, preservation and dispatch of specimens (morbid materials) for laboratory examination, writing of post mortem report, veterolegal necropsy , veterolegal wounds.

**UNIT-4 (PATHOLOGY OF INFECTIOUS AND NON-INFECTIOUS DISEASES OF DOMESTIC ANIMALS)**

Pathology of viral infections: Pathogenesis, gross and microscopic pathology of foot and mouth disease,Rinderpest, malignant catarrhal fever, blue tongue, infectious bovine rhinotracheitis, bovine viral diarrhoea, Peste des Petitis (PPR), equine infectious anaemia, equine influenza, equine viral arteritis, equine rhinopneumonitis, classical swine fever, swine influenza, rabies, canine distemper, infectious canine hepatitis, canine parvovirus infection, feline panleukopenia, maedi, jaagziekte, pox virus diseases in different animals. Vesicular stomatitis, vesicular exanthema, equine encephalomyelitis, diseases caused by rota and corona viruses.

Pathology of prion diseases (scrapie, bovine and feline spongiform encephalopathies).

Pathology of bacterial infections: Pathogenesis, gross and microscopic pathology of tuberculosis, Johne's disease, actinomycosis, actinobacillosis, anthrax, clostridial group of diseases (black quarter, black disease, enterotoxaemia, braxy, botulism tetanus), streptococosis including strangles in horses, staphylococosis, glanders,

pasteurellosis, leptospirosis, listeriosis, swine erysipelas, brucellosis, corynebacterium infections (caseous lymphadenitis, pseudotuberculosis), campylobacteriosis, salmonellosis, and colibacillosis including oedema disease in pigs, and necrobacillosis).

Pathogenesis, gross and microscopic pathology of mycoplasma infection (contagious bovine pleuropneumonia, contagious caprine pleuropneumonia, porcine enzootic pneumonia), diseases of chlamydial group, Q-fever, anaplasmosis and ehrlichiosis.

Pathogenesis, gross and microscopic pathology of superficial and deep mycoses - ringworm (dermatophytosis), aspergillosis, zygomycosis, histoplasmosis, cryptococosis, rhinosporidiosis and candidiasis. Pathogenesis, gross and microscopic pathology of aflatoxicosis, ochratoxicosis, trichothecosis, Degnala disease and ergotoxicosis.

Pathogenesis, gross and microscopic pathology of fasciolosis, babesiosis, theileriosis and trypanosomosis. Pathological changes (in brief) of amphistomiasis, ascariasis, strongylosis, haemonchosis, spirocercosis, filariasis, hookworm, tapeworm infections, coccidiosis, toxoplasmosis, cryptosporidiosis,

Pathological changes of nutritional imbalances (in brief) due to carbohydrates, proteins, fats, minerals and vitamins and metabolic diseases (pregnancy toxaemia, post-parturient haemoglobinuria, hypomagnesemic tetany, azoturia, and sway backorenzootic ataxia, pica and Rheumatism like syndrome).

Gross and microscopic pathologyin (brief) of toxicities like arsenic, copper, lead, mercury, cadmium, strychnine, nitrateornitrite, hydrocyanic acid, fluoride, selenium and oxalates; insecticideorpesticide poisoning, plant poisoning (braken fern, gossypol, ratti and lantana)

**UNIT-5 (AVIAN PATHOLOGY)**

Avian Inflammation, Viral Diseases: Pathogenesis, gross and microscopic pathology of Ranikhet disease, infectious bursal disease, infectious bronchitis, infectious laryngotracheitis, fowl pox, avian influenza, Marek's disease,



leukosisorsarcoma group of diseases, reticuloendotheliosis, avian encephalomyelitis, inclusion body hepatitis, hydro-pericardium syndrome, chicken infectious anaemia, avian nephritis, egg drop syndrome, reovirus infections.

Bacterial Diseases: Pathogenesis, gross and microscopic pathology of colibacillosis, infectious coryza, clostridial diseases, salmonella infections, fowl cholera, tuberculosis and spirochaetosis. Pathogenesis, gross and microscopic pathology of *Mycoplasma* infections, chlamydiosis.

Pathogenesis, gross and microscopic pathology of aspergillosis, thrush, favus, aflatoxicosis, ochratoxicosis and trichothecosis.

Gross and microscopic pathology (in brief) of helminthic diseases (flukes, cestodes, nematodes), protozoal diseases (coccidiosis, histomoniasis), ectoparasites.

Gross and microscopic pathology of nutritional imbalances due to carbohydrates, proteins, minerals and vitamins. Miscellaneous diseases (Heat stroke, vent gleet, internal layer, false layer, pendulous crop, breast blister, ascites syndrome, fatty liver and kidney syndrome, fatty liver syndrome, cage layer fatigue, gout, hemorrhagic syndrome, round heart disease, impaction of oviduct, egg bound condition, bumble foot) and common vices.

**UNIT-6 (PATHOLOGY OF DISEASES OF LABORATORY AND WILD ANIMALS)**

Pathology of important diseases of rats, mice, and guinea pigs (Tyzzer's disease, Pseudotuberculosis, Salmonellosis, Infectious ectromelia, Infantile diarrhea, Murine hepatitis virus, Lymphocytic choriomeningitis); Pathology of important diseases of rabbits (Pasteurellosis, Blue breasts, Treponematosis, Enterotoxaemia, Rabbit pox , Infectious myxomatosis, Papillomatosis , Coccidiosis, Mite infestation). Gross and microscopic pathology of important diseases of wild animals (West Nile Fever, Rabies, FMD, Pox, Kyasanaur forest disease, Infectious hepatitis virus, Anthrax, Tuberculosis, Colibacillosis, Clostridial infections Trypanosomosis, Babesiosis, Theileriosis, Nutritional deficiency diseases)

**PRACTICAL**

**UNIT-1 (GENERAL VETERINARY PATHOLOGY)**

Study of gross pathological specimens and recognition of pathological lesions. Histopathological techniques– Processing of tissue for paraffin embedding technique, section cutting, staining and identification of microscopic lesions. Examination of histopathological slides showing general pathological alterations.

**UNIT-2 (SYSTEMIC VETERINARY PATHOLOGY)**

Study of gross specimens and histopathological slides pertaining to systemic pathology.

**UNIT-3 (ANIMAL ONCOLOGY, VETERINARY CLINICAL PATHOLOGY AND NECROPSY**

Macroscopic and microscopic examinations of various types of benign and malignant tumours. Examination of blood for routine haematological tests in domestic animals and poultry. Physical, chemical and microscopic examination of urine. Post mortem examination of different species of animals including wild and laboratory animals.

**UNIT-4 (PATHOLOGY OF INFECTIOUS AND NON-INFECTIOUS DISEASES OF DOMESTIC ANIMALS)**

Post mortem examination and its interpretations, Study of gross specimens and histopathological slides of various organs pertaining to infectious and non- infectious diseases of domestic animals. Demonstration of causative agents in tissue section by special staining methods and use of rapid diagnostic tests.

**UNIT-5 (AVIAN PATHOLOGY)**

Post mortem examination of poultry and writing of post mortem report. Collection, preservation and dispatch of morbid materials in poultry diseases. Study of gross specimens and histopathological slides of different diseases of poultry.

**UNIT-6 (PATHOLOGY OF DISEASES OF LABORATORY AND WILD ANIMALS)**

Post mortem examination of laboratory and wild animals. Study of gross specimen and histopathological slides of diseases affecting laboratory and wild animals.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1, 2 and 3 | | 100 |
| Paper-II | 4, 5 and 6 | | 100 |
| PRACTICAL | | | |
| Paper-I | 1, 2 and 3 | 60 | 20 |
| Paper - II | 4, 5 and 6 | 60 | 20 |



(vi) **DEPARTMENT OF ANIMAL GENETICS AND BREEDING**

**ANIMAL GENETICS AND BREEDING** **Credit Hours: 3+1**

**THEORY**

**UNIT-1 (BIOSTATISTICS AND COMPUTER APPLICATION)**

Biostatistics: Introduction and importance of statistics and biostatistics, Classification and tabulation of data. Parameter, Statistic and Observation. Graphical and diagrammatic representation of data. Measures of Central tendency (simple and grouped data). Measures of Dispersion (simple and grouped data). Probability and probability distributions: Binomial, Poisson and Normal. Moments, Skewness and Kurtosis. Correlation and Regression. Introduction of sampling methods. Tests of hypothesis- t and Z- tests. Chi-square test. Design of experiment- Completely randomized design (CRD).

Randomized block design (RBD). Analysis of variance and F-test of significance. Introduction to Non-parametric tests.

Computer Application: Introduction to computer languages. Data Base Management. Review of MS-Office and its components (MS-Word, Excel, Power Point and Access). Analysis of data using MS-Excel. Concepts of computer networks, internet & e-mail.

**UNIT-2 (PRINCIPLES OF ANIMAL AND POPULATION GENETICS)**

Animal Genetics: History of Genetics. Mitosis vors Meiosis. Chromosome numbers and types in livestock and poultry. Overview of Mendelian principles. Modified Mendelian inheritance. Pleiotropy, Penetrance and expressivity. Multiple alleles; lethals; sex-linked, sex limited and sex influenced inheritance. Sex determination. Linkage, crossing over and construction of linkage map. Mutation, Chromosomal aberrations. Cytogenetics, Extra-chromosomal inheritance. Molecular genetics, nucleic acids-structure and function. Gene concept, DNA and its replication. Introduction to molecular techniques.

Population Genetics: Introduction to population genetics; individual vors population. Genetic structure of population: Gene and genotypic frequency. Hardy - Weinberg law and its application. Forces changing gene and genotypic frequencies (eg Mutation, migration, selection and drift). Quantitative vors qualitative genetics; concept of average effect and breeding value. Components of Variance. Concept of correlation and interaction between Genotype and Environment. Heritability and Repeatability. Genetic and Phenotypic Correlations.

**UNIT-3 (PRINCIPLES OF ANIMAL BREEDING)**

Livestock and Poultry Breeding: History of Animal Breeding. Classification of breeds. Economic characters of livestock and poultry and their importance. Selection, types of selection, response to selection and factors affecting it. Bases of selection: individual, pedigree, family, sib, progeny and combined, indirect selection. Method of selection, Single and Multi trait. Classification of mating systems. Inbreeding coefficient and coefficient of relationship. Genetic and phenotypic consequences of inbreeding, inbreeding depression, application of inbreeding. Out breeding and its different forms. Genetic and phenotypic consequences of outbreeding, application of outbreeding, heterosis. Systems of utilization of heterosis; Selection for combining ability (RS and RRS). Breeding strategies for the improvement of dairy cattle and buffalo. Breeding strategies for the improvement of sheep, goat, swine and poultry. Sire evaluation. Open nucleus breeding system (ONBS). Development of new breeds or strains. Current livestock and poultry breeding policies and programmes in the state and country. Methods of conservation- livestock and poultry conservation programmes in the state and country. Application of reproductive and biotechnological tools for genetic improvement of livestock and poultry. Breeding for disease resistance.

Breeding of pet, zoo and wild animals: Classification of dog and cat breeds. Pedigree sheet, selection of breeds and major breed traits. Breeding management of dogs and cats. Common pet birds seen in India and their breeding management.

Population dynamics and effective population size of wild animals in captivityorzooornatural habitats. Planned breeding of wild animals. Controlled breeding and assisted reproduction. Breeding for conservation of wild animals.

**PRACTICAL**

**UNIT-1 (BIOSTATISTICS AND COMPUTER APPLICATION)**

Collection, compilation and tabulation of data. Estimation of measures of central tendency (mean, median, mode) for simple and grouped data. Estimation of measures of dispersion (Range, standard deviation, standard error, variance, and coefficient of variation) for simple and grouped data. Graphical and diagrammatic representation of data. Estimation of correlation and regression. Simple probability problems, Normal distribution. Tests of significance: t-test, Z – test, Chi-



square, F- tests. Completely randomized design (CRD). Randomized block design (RBD). Computer basics and components of computer. Simple operations: internet and e-mail, Entering and saving biological data through MS-Office (MS-Excel)

**UNIT-2 (PRINCIPLES OF ANIMAL AND POPULATION GENETICS)**

Monohybrid, Dihybrid cross and Multiple alleles. Modified Mendelian inheritance and sex linked inheritance. Linkage and crossing over. Demonstration of Karyotyping in farm animals. Calculation of gene and genotypic frequencies, Testing a population for Hardy-Weinberg equilibrium. Calculation of effects of various forces that change gene frequencies. Computation of population mean, average effect of gene and gene substitution and breeding value. Estimation of repeatability, heritability, genetic and phenotypic correlations.

**UNIT-3: (PRINCIPLES OF ANIMAL BREEDING)**

Computation of selection differential and intensity of selection, Generation interval, expected genetic gain, correlated response, EPA and Most probable producing ability (MPPA). Estimation of inbreeding and relationship coefficient. Estimation of heterosis. Computation of sire indices. Computation of selection index.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1 and 2 | 100 | 20 |
| Paper-II | 3 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1 and 2 | 60 | 20 |
| Paper - II | 3 | 60 | 20 |

(vii) **DEPARTMENT OF ANIMAL NUTRITION**

**ANIMAL NUTRITION** **Credit Hours: 3+1**

**THEORY**

**UNIT-1 (PRINCIPLES OF ANIMAL NUTRITION AND FEED TECHNOLOGY)**

History of animal nutrition. Importance of nutrients in animal production and health. Composition of animal body and plants. Nutritional terms and their definitions. Nutritional aspect of carbohydrates, protein and fats. Role and requirement of water, metabolic water. Importance of minerals (major and trace elements) and vitamins in health and production, their requirements and supplementation in feed. Common feeds and fodders, their classification, availability and importance for livestock and poultry production. Measures of food energy and their applications - gross energy, digestible energy, metabolizable energy, net energy, total digestible nutrients, starch equivalent, food units, physiological fuel value. Direct and indirect calorimetry, carbon and nitrogen balance studies. Protein evaluation of feeds - Measures of protein quality in ruminants and non-ruminants, biological value of protein, protein efficiency ratio, protein equivalent, digestible crude protein. Calorie protein ratio. Nutritive ratio. Introduction to feed technology- Feed industry; Processing of concentrates and roughages. Various physical, chemical and biological methods for improving the nutritive value of inferior quality roughages. Preparation, storage and conservation of livestock feed through silage and hay and their uses in livestock feeding. Harmful natural constituents and common adulterants of feeds and fodders. Feed additives in the rations of livestock and poultry and their uses.

**UNIT-2 (APPLIED RUMINANT NUTRITION-I)**

Importance of scientific feeding. Feeding experiments. Digestion and metabolism trial. Norms adopted in conducting digestion trial. Measurement of digestibility. Factors affecting digestibility of a feed. Feeding standards, their uses and significance, merit and demerits of various feeding standards with reference to ruminants. Balanced ration and its characteristics.

**UNIT-3 (APPLIED RUMINANT NUTRITION-II)**

Nutrient requirements and methods for assessing the energy and protein requirements for maintenance and production in terms of growth, reproduction, milk, meat, wool and draft purpose. General principles of computation of rations.



Formulation of rations and feeding of dairy cattle and buffaloes during different phases of growth and production (neonate, young, adult, pregnant, lactating and dry animals; breeding bull) and working animals. Formulation of ration and feeding of sheep and goat during different phases of growth and production (milk, meat and wool). Feeding of high yielding animals and role of bypass nutrients. Metabolic disorders and nutritional interventions. Use of NPN compound for ruminants.

**UNIT-4 (APPLIED NON-RUMINANT NUTRITION)**

Nutrient requirements in poultry, swine and equine - Energy and protein requirement for maintenance and production. Methods adopted for arriving at energy and protein requirements for maintenance and production in terms of growth, reproduction and production (egg, meat and work). Feeding standards for non-ruminants and poultry Formulation of rations as per Bureau of Indian Standards and Indian Council of Agricultural Research specifications. Feeding of swine (Piglets, Growers, Lactating and pregnant sows, Breeding boar, Fattening animals), equine (foal, yearling, broodmare, stallion and race horses) and poultry (Starter, Growers, Broilers,

Layers) with conventional and unconventional feed ingredients. Feeding of ducks, quails, turkeys and laboratory animals. Nutrient requirements of mice, rat, rabbit and guinea pig. Diet formulation, preparation and feeding of rabbits and laboratory animals. Nutrient requirement and feeding of different categories of dogs and cats; peculiarities of feeding cats. Feeding of wild animals and birds in captivity. Metabolic disorders and nutritional intervention.

**PRACTICAL**

**UNIT-1 (PRINCIPLES OF ANIMAL NUTRITION AND FEED TECHNOLOGY)**

General precautions while working in nutrition laboratory. Familiarisation of various feeds and fodders. Preparation and processing of samples for chemical analysis - herbage, faeces, urine and silages. Preparation of solutions. Weende System of analysis - Estimation of dry matter, total ash, acid insoluble ash, crude protein, ether extract, crude fibre, nitrogen free extract in feed samples. Estimation of calcium and phosphorus. Demonstration of detergent methods of forage analysis. Qualitative detection of undesirable constituents and common adulterants of feed.

**UNIT-2 (APPLIED RUMINANT NUTRITION-I)**

Calculation of nutritive value of different feed stuffs in terms of digestible crude protein (DCP), total digestible nutrient (TDN), Nutritive ratio (NR) and balance of nutrients.

**UNIT-3 (APPLIED RUMINANT NUTRITION-II)**

Calculation of requirements of nutrients in terms of DCP, TDN and metabolisable energy (ME) for maintenance, growth, and other types of production like meat, milk, wool, reproduction and draft purpose. Formulation of rations for different categories of livestock under different conditions. Formulation of rations for feeding of livestock during scarcity periods. Visit to Animal Farm and Feed Mill.

**UNIT-4 (APPLIED NON-RUMINANT NUTRITION)**

Calculation of requirements of nutrients for growth, reproduction and other types of production like egg and meat. Formulation of rations for poultry and swine with conventional and unconventional feed ingredients. Principles of compounding and mixing of feeds. Visit to farms. Formulation of balance diets for horses, dogs and cats. Feeds and feeding schedule of zoo animals and birds-diet charts.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1 and 2 | 100 | 20 |
| Paper-II | 3 and 4 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1and 2 | 60 20 | |
| Paper - II 3 and 4 | 60 20 | | |

(viii) **DEPARTMENT OF VETERINARY PHARMACOLOGY AND TOXICOLOGY**

**VETERINARY PHARMACOLOGY THEORY**

**Credit Hours: 4+1**



**UNIT-1 (GENERAL PHARMACOLOGY)**

Introduction, historical development, branches and scope of Pharmacology. Sources and nature of drugs. Pharmacological terms and definitions, nomenclature of drugs. Principles of drug activity: Pharmacokinetics - Routes of drug administration, absorption, distribution, biotransformation and excretion of drugs. Pharmacodynamics - Concept of drug and receptor, dose-response relationship, terms related to drug activity and factors modifying the drug effect and dosage. Adverse drug reactions, drug interactions.

**UNIT-2 (DRUGS ACTING ON AUTONOMIC NERVOUS SYSTEM)**

Neurohumoral transmission, Pharmacology of neurotransmitters. Adrenoceptors agonists and antagonists, adrenergic neuron blockers, cholinoceptor agonists and antagonists.

Autacoids: Histamine, histamine analogues and antihistaminic agents, 5-Hydroxytryptamine and its agonists and antagonists, eicosanoids, platelet activating factors, angiotensin, bradykinin and kallidin.

**UNIT-3 (DRUGS ACTING ON CENTRAL NERVOUS SYSTEM)**

Classification of drugs acting on CNS. History, mechanism and stages of general anaesthesia.

Inhalant, intravenous and dissociative anaesthetics. Hypnotics and sedatives; psychotropic drugs, anticonvulsants, opioid analgesics, non-steroidal anti-inflammatory drugs, analeptics and other CNS stimulants. Drugs acting on somatic nervous system: Local anaesthetics, muscle relaxants. Euthanizing agents.

**UNIT-4 (DRUGS ACTING ON DIFFERENT BODY SYSTEMS)**

Drugs acting on digestive system: Stomachics, antacids and antiulcers, prokinetics, carminatives, antizymotics, emetics, antiemetics, purgatives, antidiarrhoeals, choleretics and cholagogues. Rumen pharmacology.

Drugs acting on cardiovascular system: Cardiotonics and cardiac stimulants, antiarrhythmic drugs, vasodilators and antihypertensive agents, haematopoietic drugs, coagulants and anticoagulants.

Drugs acting on respiratory system: Expectorants and antitussives, respiratory stimulants, bronchodilators and mucolytics.

Drugs acting on urogenital system: Diuretics, drugs affecting urinary pH and tubular transport of drugs, ecbolics and tocolytics.

Pharmacological basis of fluid therapy. Pharmacotherapeutics of hormones. Drugs acting on skin and mucous membranes: Emollients, demulcents and counter irritants.

**UNIT-5 (VETERINARY CHEMOTHERAPY)**

Introduction and historical developments of chemotherapy. Antimicrobial agents: Classification, general principles in antimicrobial chemotherapy, antimicrobial resistance, combined antimicrobial therapy. Sulphonamides and their combination with diaminopyrimidines. Penicillins, cephalopsorins, cephamycins and other beta lactams, beta lactamase inhibitors. Aminoglycosides and aminocyclitols, tetracyclines, amphenicols (chloramphenicol, thiamphenicol, florfenicol), macrolides, quinolones and fluoroquinolones, polypeptides (polymixins, bacitracin) and glycopeptide antibiotics, Miscellaneous agents: Lincosamides, novobiocin, virginiamycin, tiamulin, nitrofurans and methenamine, Antitubercular drugs. Antifungal agents: Topical and systemic agents including anti-fungal antibiotics. Antiviral and anticancer agents. Anthelmintics: Drugs used against nematodes, cestodes, trematodes. Antiprotozoal agents: Drugs used in trypanosomosis, theileriosis, babesiosis, coccidiosis, amoebiosis, giardiosis and trichomoniasis. Ectoparasiticides. Antiseptics and disinfectants. Pharmacology of drugs of abuse in animals.

Pharmacology of indigenous medicinal plants: Scientific name, common name, active principles, pharmacological actions and therapeutic uses of Ginger, ocimum, neem, piper longum, withania, leptadenia, tinospora, embilica, eucalyptus, glycerrhiza, trichospermum, curcuma, adhantoda, butea, aloes, sena, rheubarb, catechu etc.

**UNIT-6 (VETERINARY TOXICOLOGY)**

General Toxicology: Definitions, history of toxicology, fundamentals and scope of toxicology. Sources and classification of toxicants, factors modifying toxicity, general approaches to diagnosis and treatment of poisoning.

Toxicity caused by metals and non-metals: Arsenic, lead, mercury, copper, molybdenum, selenium, phosphorus, fluoride, nitratesor nitrites, chlorate, common salt and urea.

Poisonous plants: Cyanogenetic plants, abrus, ipomoea, datura, nux vomica, castor, oxalate producing plants, plants causing thiamine deficiency, plants causing photosensitization and lathyrism, oleander, and cotton.

Toxicity caused by Agrochemicals: Insecticides - Chlorinated hydrocarbons, organophosphates, carbamates, pyrethroids, newer insecticides. Herbicides, fungicides and rodenticides.



Fungal and bacterial toxins: Aflatoxins, rubratoxin, ochratoxin, sporidesmin, citrinin, F-2 toxin, trichothecenes, ergot, fescue, botulinum toxin and tetanus toxin.

Venomous bites and stings: Snake, scorpion, spider, bees and wasp, toad and fishes (puffer fish, shellfish). Toxicity caused by food additives and preservatives. Drug and pesticide residue toxicology. Environmental pollutants: Air and water pollutants. Concept of radiation hazards.

**PRACTICAL**

**UNIT-1 (GENERAL PHARMACOLOGY)**

Handling and washing of laboratory wares. Handling and operation of commonly used laboratory instruments. Concept of good laboratory practices (GLP). Pharmacy appliances. Principles of compounding and dispensing. Metrology, systems of weights and measures, pharmacy calculations. Pharmaceutical processes. Pharmaceutical dosage forms. Prescription writing, incompatibilities. Drug standards and regulations, custody of poisons. Compounding and dispensing of powders, ointments, mixtures, liniments, lotions, liquors, tinctures, emulsions, and electuaries.

**UNIT-2 (ANS PHARMACOLOGY)**

Demonstration of the action of autonomic agonists and antagonists on intact or isolated preparations of the laboratory animals. Simulated animal experiments should be preferred over use of live animals. The lab for simulated experiments should be established within a span of one year.

**UNIT-3 (CNS PHARMACOLOGY)**

Handling of lab animals. Regulatory guidelines for use of lab animals. Demonstration of the effect of CNS active drugs and local anaesthetics in laboratory animals. The lab for simulated experiments should be established within a span of one year.

**UNIT-4 (VETERINARY CHEMOTHERAPY)**

Demonstration of various chemotherapeutic agents and their dosage forms. Demonstration of antibiotic sensitivity test and its interpretation.

**UNIT-5 (VETERINARY TOXICOLOGY)**

Collection, preservation and dispatch of material for toxicological analysis. General principles for toxicological analysis. Detection of heavy metalsor non-metalsor plant poisons. Demonstration of agrochemical toxicity and its antidotal therapy via simulation methods. Demonstration of toxic weeds and plants of local area. Methods of calculation of median lethal dose ($LD_{50}$)or maximum tolerated dose (MTD).

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1, 2, 3 and 4 | 100 | 20 |
| Paper-II | 5 and 6 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1 and 2 | 60 | 20 |
| Paper - II | 3, 4 and 5 | 60 | 20 |

(ix) **DEPARTMENT OF VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY**

**DEPARTMENT OF VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY**

**Credit Hours: 3+1=4**

**THEORY**

**UNIT-1 (VETERINARY PUBLIC HEALTH AND FOOD SAFETY)**

Aims and scope of Veterinary Public Health. Role of veterinarians in public health. One Health concept and initiatives. Veterinary Public Health administration. Sources of contamination. Principles and concepts of food hygiene and safety. Milk hygiene in relation to public health. Hygienic and safe milk production practices including steps for prevention and control of milk contamination, adulterants, antimicrobial residues, agrochemicals, subclinical mastitisorudder infections

etc.. Microbial flora of milk and milk products. Milk plant and dairy equipment hygiene. Quality control of milk and milk products. Milk hygiene practices in India and other countries.

Elements of meat inspection and meat hygiene practices. Pathological conditions associated with the transport of food animals. Hygiene in abattoirs and meat plants. Detection of conditionsor diseases and judgements during ante mortem and post mortem inspection. Examination of lymph nodes. Meat as a source of disease transmission. Sources of contamination of meat and methods of carcass decontamination. Speciation of meat. Animal welfare and public health issues. Classification of low risk and high risk material generated in an abattoir and its hygienic disposal. Inspection of poultry for human consumption. Occupational health hazards in abattoir and meat plants.

Foodborne infections and intoxications associated with foods of animal origin. Toxic residues (pesticides, antibiotics, metals and hormones) in foods and associated health hazards. Types of biohazards. Hazard analysis and critical control points (HACCP) system. Importance of ISO 9000 and 14000 series in meat industry. Risk analysis, assessment and management. International food safety standards: World Organisation for Animal Health (OIE), World Trade Organization (WTO) agreements and Codex Alimentarius Commission. Sanitary and phytosanitary measures in relation to foods of animal origin. Food Safety and Standards Act and Regulations. Role of Food Safety and Standards Authority of India (FSSAI), Bureau of Indian Standards (BIS) and other national agencies.

**UNIT-2 (VETERINARY EPIDEMIOLOGY)**

Definitions, components and aims of epidemiology. Factors influencing occurrence of livestock diseases and animal production. Determinants of disease. Transmission and maintenance of infections. Ecology of disease. Measures and patterns of disease occurrence. Survey and surveillance of animal diseases and related parameters. Epidemiological methods- Descriptive, analytical, experimental, theoretical, serological and molecular. Animal disease forecasting. Strategies of disease management: prevention, control and biosecurity. Economics of animal diseases. National and international regulations on livestock diseases. Role of OIE and laws on international trade of animals and animal products.

**UNIT-3 (ZOONOTIC DISEASES)**

Definition, history and socio-economic impact of zoonotic diseases. Classification of zoonoses and approaches to their management. Multisectoral approach for zoonoses prevention and control. Emerging, re-emerging and occupational zoonoses. Role of domestic, wild, pet and laboratory animals and birds in transmission of zoonoses. Zoonotic pathogens as agents of bioterrorism. Epidemiology, clinical manifestations and management of the following zoonoses: Rabies, Japanese encephalitis, influenza, Kyasanur forest disease, Crimean Congo haemorrhagic fever, Nipah encephalitis, Ebola virus infection, anthrax, brucellosis, tuberculosis, leptospirosis, listeriosis, plague, glanders, Q fever, rickettsiosis, chlamydiosis, taeniasis, cysticercosis, hydatidosis, larva migrans, diphyllobothriasis, trichinellosis, toxoplasmosis, fasciolosis, paragonimiasis, sarcocystosis, cryptosporidiosis, amoebiasis, giardiasis, leishmaniasis, superficial and systemic mycosis and prion diseases. Foodborne bacterial zoonoses: salmonellosis, *E. coli* infection, staphylococcal gastroenteritis, clostridial food poisoning, campylobacteriosis etc.

**UNIT-4 (ENVIRONMENTAL HYGIENE)**

Scope and importance. Ecosystem: Components structure and functions. Biodiversity: uses, threats and conservation. Natural resources: types, uses and abuses. Environmental contaminants in food chain-bioaccumulation, biomagnification and persistent organic pollutants. Environmental pollution: Sources, nature of pollutants, effects on animal and human health. Rural and urban pollution. Air pollution, sources and hazard. Air pollution in animal houses, effect on health and productivity. Airborne diseases – Classification, health hazard, prevention and control. Water-Sources, contamination & their prevention. Water qualities- Physical, chemical, bacteriological and radiological. Water purification methods for community water supplies. Waterborne diseases – Classification, health hazard, prevention and control. Soil, marine and thermal pollution- Classification, sources, hazard, prevention and control. Noise pollution – Sources, hazards, prevention and control. Nuclear hazardsor radiological hazard-Types, hazards and radiation protection. National rules and legislations related to environmental pollution and role of pollution control board in India. Biosafety: Importance, classification and biosafety measures for prevention of risk hazards. Disaster management and mitigation. Solid and liquid waste management at farms and biomedical waste management. Sanitation and disinfection of farm and hospital environment in veterinary public practice for infection control. Global warming and greenhouse effect- Definition, greenhouse gases, impact of climate change and international treatiesorprotocols. Management of waste from animal industries. Stray and fallen animal management and carcass disposal. Vector and reservoir control.

**PRACTICAL**

**UNIT-1 (VETERINARY PUBLIC HEALTH AND FOOD SAFETY)**

Collection of samples for chemical and bacteriological examination. Grading of milk by dye reduction test, direct microscopic examination and standard plate count. Quality assurance tests for processed milk and milk products. Tests for plant sanitation-Air, water and equipment. Microbiological examination of raw milk, pasteurized milk, milk products, meat, meat products and eggs-standard plate count, coliform count, enterococcal count, psychrophilic and psychrotophic



organisms, thermophilic bacteria and yeast and mold count. Detection of organisms of public health significance from food products by techniques. Tests for detection of mastitic milk. Ante-mortem and post-mortem inspection of food animals. Demonstrationordetection of toxic chemicals and contaminants of public significance from milk and meat. Detection of antimicrobial residues in milk and meat by microbiological and analytical techniques. Demonstration of speciation of meat.

**UNIT-2 (VETERINARY EPIDEMIOLOGY)**

Sampling methods for epidemiological studies. Measurement of disease frequencies. Sources, storage, retrieval and representation of disease informationordata. Demonstration of selected software programmesor models. Evaluation of sensitivity and specificity of diagnostic tests by epidemiological methods. Determination of associations of disease and hypothesized causal factors. Survey of an animal disease on a farm. Epidemiological investigation of disease outbreaks.

**UNIT-3 (ZOONOTIC DISEASES)**

Detection, isolation and identification of important pathogens of zoonotic importance from animal, human and environmental sources including foods of animal origin. Detection of zoonotic diseases by serological, molecular and hypersensitivity tests. Study of probable association of human diasease conditions with animal diseases present in an area. Study of rural environment and health status of rural community.

**UNIT-4 (ENVIRONMENTAL HYGIENE)**

Sampling methods for testing quality of air, water, soil and other environmental sources. Physical, chemical and microbiological examination of water. Estimation of residual chlorine and chlorine demand. Isolation & identification of pathogens from air, water and other environmental sources. Disinfection of animal houses. Determination of efficacy of disinfectants – Phenol coefficient, MIC and MBC. Demonstrationorvisit to water purification system. Demonstration of various ventilation systems in animal houses and specialized laboratories. Demonstration of toxic residues in water and other environmental sources. Visit to local polluted site and documentation of local environmental problems – like dumping grounds, local slum areas, crowded localities etc.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1 and 2 | 100 | 20 |
| Paper-II | 3 and 4 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1 and 2 | 60 | 20 |
| Paper - II | 3 and 4 | 60 | 20 |

(x) **DEPARTMENT OF VETERINARY PARASITOLOGY**
**VETERINARY PARASITOLOGY THEORY**

**Credit Hours: 3+2**

**UNIT- 1 (GENERAL VETERINARY PARASITOLOGY)**

Parasitology: Introduction, Important historical landmarks, importance of parasitology in veterinary curriculum. Types of parasites (ecto, endo, hyper, obligatory, facultative, stenoxenous, euryxenous, monoxenous, heteroxenous, histozoic, coelozoic, temporary, permanent, pseudo, aberrant, incidental, opportunistic, zoonotic, protelean etc.). Types of hosts (definitive, intermediate, reservoir, paratenic, natural, unnatural, etc.) and vectors.

Types of animal associations (symbiosis, phoresy, commensalism, parasitism, mutualism and predatorism). Modes of transmission of parasites and methods of dissemination of the infective stages of the parasites. International Code of Zoological Nomenclature: Rules and regulations, Standard Nomenclature of Animal Parasitic Diseases (SNOAPAD). Immunity against parasitic infectionsorinfestations, natural and acquired immunity, premunity, sterile immunity, autoimmunity, passive immunity, concomitant immunity and immune evasion by parasites. General harmful effects of parasites including various tissue reactions caused by parasites. General control measures against parasites. Characters of various phyla of parasites.

**UNIT-2 (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE)**

Trematodes: Introduction, general account and classification, general life cycle of trematodes with morphological features of their developmental stages. Important morphological features, life cycles, modes of transmission,



pathogenesis, epidemiology, diagnosis and general control measures (including chemo- and immuno-prophylaxis) of the following trematode parasites: Liver flukes (*Fasciola, Dicrocoelium* and *Opisthorchis*), intestinal flukes (*Fasciolopsis*). Blood flukes causing nasal schistosomosis (*Schistosoma nasalis*), visceral schistosomosis (*S. spindale, S. indicum, S. incognitum*) and cercarial dermatitis. Paramphistomes (*Paramphistomum, Cotylophoron, Calicophoron, Gigantocotyle*,

*Gastrothylax, Fischoederius,Carmyerius, Gastrodiscus, Gastrodiscoides* and *Pseudodiscus*). *Paragonimus*, *Prosthogonimus* and Echinostomes.

Cestodes: Introduction, general account and classification, general life cycle of cestodes with morphological features of their developmental stages (Metacestodes). Important morphological features, life cycles, modes of transmission, pathogenesis, epidemiology, diagnosis and management of the following cestode parasites: Equine tape worms (*Anoplocephala, Paranoplocephala*) and ruminant tape worms (*Moniezia, Avitellina, Stilesia,Thysaniezia*). Dog tape worms (*Dipylidium, Taenia, Echinococcus*). Poultry tape worms (*Davainea, Cotugnia, Raillietina,Amoebotaenia, Choanotaenia* and *Hymenolepis.* Broad fish tapeworm (*Diphyllobothrium)* and *Spirometra.*

**UNIT-3 (NEMATODES OF VETERINARY IMPORTANCE)**

Nematodes: Introduction, general account and classification, general life cycle of nematodes with morphological features of their developmental stages. Important morphological features, life cycles, modes of transmission, pathogenesis, epidemiology, diagnosis and management of the following nematode parasites: *Ascaris, Parascaris, Toxocara, Toxascaris, Ascaridia*, *Heterakis* and *Oxyuris. Strongyloides, Strongylus, Chabertia, Syngamus* and *Oesophagostomum*. Kidney worms (*Stephanurus* and *Dioctophyma*), hook worms (*Ancylostoma* and *Bunostomum*). *Trichostrongylus, Ostertagia, Cooperia, Nematodirus*, *Haemonchus* and *Mecistocirrus*. *Habronema, Draschia, Thelazia, Spirocerca, Gongylonema*, *Physaloptera* and *Gnathostoma. Dirofilaria, Parafilaria, Onchocerca, Setaria* and *Stephanofilaria*.Lung worms (*Dictyocaulus, Muellerius, Protostrongylus* and *Metastrongylus*). Guinea worm (*Dracunculus*), *Trichinella*, *Trichuris*, *Capillaria.* Acanthocephala (*Macracanthorhynchus*). Study of anthelmintic resistance and its types.

**UNIT-4 (ARTHROPODS OF VETERINARY IMPORTANCE)**

Arthropods: Introduction, general account and classification, general life cycle of arthropods with morphological features of their developmental stages. Important morphological features, general bionomics, life cycle, vector potentiality, pathogenesis and control of following arthropods affecting animals and birds: Bugs (*Cimex)*. Biting midges (*Culicoides*), black flies (*Simulium*), sandflies (*Phlebotomus*), mosquitoes (*Culex, Anopheles* and *Aedes*). Horse flies (*Tabanus*), *Haematopota* and *Chrysops*. *Musca*, *Stomoxy*s, *Haematobia* and *Sarcophaga.* Warbles (*Hypoderma*), stomach bots (*Gasterophilus,Cobboldia*), nasal bots (*Oestrusovis,Cephalopina*), Bottle flies (*Calliphora, Lucilia, Chrysomya*), myiasis. *Hippobosca*, *Melophagus, Pseudolynchia.* Lice (*Haematopinus*, *Linognathus*, *Trichodectes*, *Damalinia*, *Menopon*, *Lipeurus*, *Menacanthus* and *Heterodoxus*). Fleas (*Ctenocephalides*, *Echidnophaga,Xenopsylla, Pulex*). Arachnids : General account, soft ticks (*Argas*, *Ornithodoros* and *Otobius*). Hard ticks (*Hyalomma*, *Haemaphysalis*, *Rhipicephalus (Boophilus)*, *Dermacentor, Ixodes* and *Amblyomma*). Mites (*Dermanyssus*, *Ornithonyssus*, *Demodex*, *Notoedres*, *Sarcoptes*, *Psoroptes*, *Chorioptes, Cnemidocoptes* and *Otodectes*). Pentasomida (*Linguatula*). Study of insecticideoracaricide resistance.

**UNIT-5 (PROTOZOA OF VETERINARY IMPORTANCE)**

Introduction, general account and classification, general life cycle of protozoa with morphological features of their developmental stages. Differentiation from bacteria and rickettsia. Important morphological features, life cycles, modes of transmission, pathogenesis, epidemiology, diagnosis and general control measures (including chemo- and immuno-prophylaxis) of the following protozoan parasites of veterinary and zoonotic importance : *Leishmania* (Visceral and cutaneous leishmanosis), *Trypanosoma* (*T. evansi, T. theileri, T. equiperdum*). *Trichomonas* (Bovine and avian trichomonosis). *Histomonas* (Black head in turkeys). *Entamoeba*, *Giardia* and *Balantidium* spp, Coccidia and coccidiosis of poultry and domestic animals. Cyst

forming coccidia (*Toxoplasma, Sarcocystis* and *Neosporacaninum*) and *Cryptosporidium.* Malarial parasites of animals and poultry (*Plasmodium, Haemoproteus* and *Leucocytozoon*). Piroplasms (*Babesia*, *Theileria)* and *Hepatozoon*. *Anaplasma* and *Ehrlichia* Resistance to antiprotozoals.

**PRACTICAL**

**UNIT- 1 (GENERAL VETERINARY PARASITOLOGY)**

Demonstration of the types of final and intermediate hosts. Demonstration of different organsortissues of the hosts affected with endo-and ectoparasites. Visit to Post Mortem Hall to acquaint with different organs of animals affected with parasites. Demonstration of specific parasitic lesions caused by endo- and ectoparasites. Faecal examination techniques, egg counts, examination of faecal samples for the trematode, cestode, nematode eggs and protozoan cystsoroocystsortrophozoites. Demonstration of faecal culturing techniques. Methods of collection, fixation, preservation, staining and mounting of various types of parasites. Blood smear preparation: Wet, thin and thick smears. Staining of blood smears for demonstration of microfilariae and haemoprotozoan parasites. Collection and examination of skin scrapings for mites. Examination of urine samples and nasal washings for parasitic findings.



**UNIT-2 (TREMATODES AND CESTODES OF VETERINARY IMPORTANCE)**

Study of morphological characters of adults and developmental stages of the following trematodes and cestodes: *Fasciola, Fasciolopsis, Dicrocoelium, Opisthorchis, Schistosoma*, *Paragonimus, Prosthogonimus,* Echinostomes, Paramphistomes (*Paramphistomum, Cotylophoron, Gigantocotyle*, *Gastrothylax, Fischoederius, Gastrodiscus, Gastrodiscoides* and *Pseudodiscus*). *Anoplocephala, Paranoplocephala, Moniezia, Avitellina, Stilesia, Davainea, Cotugnia, Raillietina, Amoebotaenia*, *Choanotaenia, Hymenolepis, Dipylidium, Taenia, Echinococcus, Diphyllobothrium* and *Spirometra.* Demonstration of gross and microscopic lesions of parasites.

**UNIT-3 (NEMATODES OF VETERINARY IMPORTANCE)**

Study of morphological characters of adults and developmental stages of the following nematodes : *Ascaris, Parascaris, Toxocara, Toxascaris, Ascaridia*, *Heterakis, Oxyuris, Strongyloides, Strongylus, Chabertia, Syngamus* and *Oesophagostomum. Stephanurus, Dioctophyma, Ancylostoma, Bunostomum, Ostertagia, Trichostrongylus, Cooperia, Nematodirus, Haemonchus* and *Mecistocirrus. Habronema, Draschia, Thelazia, Spirocerca, Gongylonema, Physaloptera,Gnathostoma*, *Dirofilaria, Parafilaria, Onchocerca, Setaria, Stephanofilaria*, *Dictyocaulus, Muellerius, Protostrongylus, Metastrongylus, Dracunculus, Trichinella, Trichuris, Capillaria* and *Macracanthorhynchus.* Demonstration of gross and microscopic lesions of parasites.

**UNIT-4 (ARTHROPODS OF VETERINARY IMPORTANCE)**

Study of morphological characters of adults and life cycle stages of the following arthropods : *Culicoides, Simulium, Phlebotomus, Cimex, Culex, Anopheles, Aedes*, *Tabanus*, *Haematopota* and *Chrysops Musca, Stomoxys, Haematobia, Gasterophilus, Hypoderma,Oestrus ovis*, bottle flies, *Sarchophaga*, *Hippobosca, Melophagus* and *Pseudolynchia*. *Trichodectes, Menopon, Menacanthus, Lipeurus, Haematopinus, Linognathus* and *Damalinia Xenopsylla, Ctenocephalides* and *Echidnophaga.Argas, Ornithodoros, Otobius, Ixodes, Hyalomma, Rhipicephalus (Boophilus*), *Haemaphysalis, Dermacentor* and *Amblyomma*. *Dermanyssus, Ornithonyssus, Demodex, Notoedres, Sarcoptes*, *Psoroptes*, *Chorioptes, Cnemidocoptes, Otodectes* and *Pentastomida.* Demonstration of gross and microscopic lesions of parasites.

**UNIT-5 (PROTOZOA OF VETERINARY IMPORTANCE)**

Study of morphological characters of different stages of following protozoan parasites: *Leishmania, Trypanosoma, Trichomonas*, *Histomonas, Entamoeba, Balantidium, Giardia*, *Eimeria, Isospora, Sarcocystis ,Toxoplasma* and *Cryptosporidium. Plasmodium, Haemoproteus* and *Leucocytozoon. Babesia, Theileria* and *Hepatozoon,* Rickettsial organism *Anaplasma* and *Ehrlichia*. Demonstration of formol ether and Ziehl-Neelson's staining techniques and other faecal examination techniques. Diagnosis of intestinal protozoan infections by iodine and eosin stain methods. Demonstration of gross and microscopic lesions due to protozoan parasites. Demonstration of *Haemoproteus columbae* in the blood. Demonstration of sporulation for diagnosis of coccidian parasites.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |

| | | | |
|---|---|---|---|
| Paper-I | 1, 2 and 3 | 100 | 20 |
| Paper-II | 4 and 5 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1, 2 and 3 | 60 | 20 |
| Paper - II | 4 and 5 | 60 | 20 |

(xi) **DEPARTMENT OF LIVESTOCK PRODUCTS TECHNOLOGY**

**LIVESTOCK PRODUCTS TECHNOLOGY** **Credit Hours: 2+1=3**

**THEORY**

**UNIT-1 (MILK AND MILK PRODUCTS TECHNOLOGY)**

Retrospect and prospects of milk industry in India. Layout of milk processing plant and its management. Composition and nutritive value of milk and factors affecting composition of milk. Physico-chemical properties of milk. Microbiological deterioration of milk and milk products. Collection, chilling, standardization, pasteurization, UHT treatment, homogenization, bactofugation. Dried, dehydrated and fermented milk. Introduction to functional milk



products. Preparation of cream, butter, paneer or channa, ghee, khoa, lassi, dahi, ice-cream, mozzarella cheese and dairy byproducts. Common defects of milk products and their remedial measures. Packaging, transportation, storage and distribution of milk and milk product*s*. Good manufacturing practices and implementation of HACCP in milk plant. Organic milk products. Food safety standards for milk and milk products. Cleaning and sanitation in milk plant. Dairy effluent management

**UNIT-2 (WOOL SCIENCE)**

Introduction to wool, fur, pelt and specialty fibers with respect to processing industry. Glossary of terms of wool processing. Basic structure and development of wool follicle. Post shearing operations of wool, classification and grading of wool, physical and chemical properties of wool. Impurity of wool, factors influencing the quality of wool. Brief outline of processing of wool.

**UNIT-3 (ABATTOIR PRACTICES AND ANIMAL BYPRODUCTS TECHNOLOGY)**

Layout and management of rural, urban and modern abattoirs. HACCP concepts in abattoir management. FSSA standards on organization and layout of abattoirs. Animal welfare and pre-slaughter care, handling and transport of meat animals including poultry. Procedures of Ante-mortem and post mortem examination of meat animals. Slaughtering and dressing of meat animals and birds. Emergency and casualty slaughter. Evaluation, grading and fabrication of dressed carcasses including poultry. Abattoir byproducts; rendering, meat, bone, glue, gelatin, fat and byproducts of pharmaceutical value. Skin and hides; methods of flaying, defects, preservation and tanning. Treatment of condemned meat and carcasses. Management of effluent emanating from abattoir.

**UNIT-4 (MEAT SCIENCE)**

Prospect of meat industry in India. Structure and composition of muscle (including poultry muscle). Conversion of muscle to meat. Nutritive value of meat. Fraudulent substitution of meat. Preservation of meat and poultry; drying, salting, curing, smoking, chilling, freezing, canning, irradiation and chemicals. Ageing of meat. Modern processing technologies of meat and meat products. Packaging of meat and meat products. Formulation and development of meat; kabab, sausages, meat balls or patties, tandoori chicken, soup, pickles. Fermentation of meat products. Physico-chemical and microbiological quality of meat and their products. Basics of sensory evaluation of meat products. Nutritive value, preservation, packaging of egg and egg products. Laws governing nationalorinternational trade in meat and meat products. Organic and genetically modified meat and poultry products.

**PRACTICAL**

**UNIT-1 (MILK AND MILK PRODUCTS TECHNOLOGY)**

Sampling of milk. Eestimation of fat, solid not fat (SNF) and total solids. Platform tests. Cream separation. Detection of adulteration of milk. Determination of efficiency of pasteurization. Preparation of milk products like

ghee, paneer or channa, khoa, ice-cream or kulfi, milk beverages. Visit to modern milk processing and milk products manufacturing plants.

**UNIT-2 (WOOL SCIENCE)**

Wool sampling techniques. Tests for identification of wool; determination of fleece density, fiber diameter, staple length, crimp and medulation percentage. Scouringorclean fleece yield.

**UNIT-3 (ABATTOIR PRACTICES AND ANIMAL BYPRODUCTS TECHNOLOGY)**

Methods of ritual and humane slaughter, flaying and dressing of food animals including poultry. Carcass evaluation. Determination of meat yield, dressing percentage, meat bone ratio and cut up parts. Preparation of different abattoir byproducts. Visit to slaughterhousesor meat plants.

**UNIT-4 (MEAT SCIENCE)**

Packaging of meat, poultry and shell eggs and their products. Estimation of deteriorative changes in meat and meat products. Preparation of comminuted and non comminuted meat and poultry products. Evaluation of external and internal egg quality and preservation technique of eggs

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1 and 2 | | 100 |
| Paper-II | 3 and 4 | | 100 |



| | | | |
|---|---|---|---|
| PRACTICAL | | | |
| Paper-I 1and 2 | 60 | 20 | |
| Paper - II | 3 and 4 | 60 | 20 |

(xii) **DEPARTMENT OF VETERINARY AND ANIMAL HUSBANDRY EXTENSION EDUCATION**

**VETERINARY AND ANIMAL HUSBANDRY EXTENSION EDUCATION Credit Hours: 3+1**

**THEORY**

**UNIT-1 (LIVESTOCK BASED LIVELIHOODS AND THEIR EVOLUTION)**

History of domestication and their social dimensions. Evolution and relationship between agriculture and animal husbandry. Farming and characteristics of farming in India. Classification of farming, types and systems. Peasant farming, cooperative farming, collective farming, contract farming, estate farming, organic farming, capitalistic farming, small-scale farming, large-scale farming, intensive, extensive farming, specialized, diversified, mixed, integrated and dry land farming. Role of animals in the contemporary society.

**UNIT-2 (EXTENSION EDUCATION AND DEVELOPMENT)**

Early extension efforts in India. Types of education: Formal, non-formal and informal education. Extension education: Concept, levels, objectives and dimensions. Principles, philosophy and functions of extension education. Teaching-learning process and steps in extension teaching. Concept of need and its types. Rural development - Concept, significance and importance of rural development programmes for poverty alleviation. Problems and Issues in development. Panchayati Raj System.

**UNIT-3 (RURAL SOCIOLOGY IN VETERINARY EXTENSION)**

Concept of sociology and rural sociology in animal husbandry extension. Culture: definition, elements, change, impact on production systems. Basic sociological concepts - society, community and association. Rural society: characteristics and differences among society, community and culture. Characteristics and differences among tribal, rural and urban communities. Social control: concept and means of social control (techniques, folkways, taboos, mores and laws). Social stratification: definition, forms and characteristics (caste system and class system). Social institutions in rural society: Social, economic, political, religious and educational (definition, composition and function). Social change: concept, importance and factors. Social groups: different groups, classification of social groups and their characteristics. Leadership: definition, functions of leader, types of rural leaders, Key communicators and their role in the animal husbandry extension.

**UNIT-4 (TRANSFER OF TECHNOLOGY FOR LIVESTOCK DEVELOPMENT)**

Technology- Concept, generation process, application, merits and de-merits. Adoption and diffusion of innovations, stages of adoption, adopter categories, innovation decision process, attributes of innovations, diffusion process, factors affecting adoption and diffusion processes. Programme planning- principles, objectives and steps. Evaluation of extension programme, constraints in the adoption of scientific animal husbandry practices. Role of extension agents in diffusion of livestock innovations. Cattle and buffalo improvement programmes: Key Village Scheme, Intensive Cattle Development Project, Gosadan and Gaushala. Dairy development programmes: concept of cooperation, Rochdale principles of cooperation, objectives of cooperative, Amul pattern of dairy cooperative system and Operation Flood. Transfer of technology projects of Indian Council of Agricultural Research (ICAR): Krishi Vigyan Kendra (KVK), Agricultural Technology Information Centre (ATIC), Agricultural Technology Management Agency (ATMA), National Agricultural Innovation Project (NAIP), Rashtriya Krishi Vikas Yojana (RKVY) etc. Different ongoing central and state government animal husbandry development programmes being run related to sheep, goat, poultry, piggery, fodder production etc.

**UNIT-5 (COMMUNICATION AND EXTENSION TEACHING METHODS)**

Communication and its functions. Basic concepts: communication fidelity, communication gap, time lag in communication, empathy, homophily and heterophily, propaganda, publicity, persuasion and development communication. Types of communication: Intrapersonal, interpersonal, verbal, non- verbal, vertical, horizontal, organizational communication etc. Elements of communication: Communicator, message, channel, treatment of message, audience, and audience response (feedback). Barriers of communication. Individual contact methods: Farm and home visit, farmer's call, personal letter, adaptive or minikit trial, farm clinic etc. Group contact methods: Result demonstration, method demonstration, group meeting, training, field day or farmers' day, study tour etc. Mass contact methods: Farm publications (leaflet, folder, pamphlet, booklet, bulletin, farm magazine, newsletter etc.), mass meeting, campaign, exhibition, newspaper, radio, television, mobile short message service. Selection and use of extension teaching methods.



**UNIT-6 (LIVESTOCK ECONOMICS AND MARKETING)**

Introduction to Economics and Livestock Economics: definition and scope (production, consumption, exchange and distribution). Basic concepts- wants, goods, wealth, utility, price, value, assets, capital, money, income etc. Important features of land, labour, capital and organization. Theories of demand, supply and cost. Theories of production (law of diminishing return, increasing return, constant return and return to scale). Concept of market: market, market structure and classification of markets. Market price and normal price, price determination under perfect competition in short and long run. Marketing functions: meaning and their classification (packaging, transportation, grading, standardization, storage and warehousing, processing and value addition, buying and selling, market information, financing, risk bearing, minimization of risks (speculation and hedging). Marketing agencies, institutions and channels for livestock and livestock products. Government interventions and role in marketing of livestock and livestock products. External trade in livestock products, recent policies on trade and international trade agreements and their implications in livestock sector.

**UNIT-7 (LIVESTOCK ENTREPRENEURSHIP)**

Definition of entrepreneur, entrepreneurship, enterprise and manager. Difference between entrepreneur and entrepreneurship, entrepreneur and enterprise, entrepreneur and manager. Theories of entrepreneurship: Sociological theory, economic theory, cultural theory, psychological theory. Types, characteristics and functions of an entrepreneur. Forms of entrepreneurship: (Sole proprietorship, partnership, corporation, cooperative, joint stock company, Private and Public Limited Company). Introduction to financial management: concept, function, analysis of financial statement, sources of capital (banks, venture capitals, etc.). Project appraisal- Introduction, importance, techno-economic feasibility, criteria of project evaluation (discounted and non-discounted), capital budgeting, etc. Business plan for enterprise. Institutions promoting entrepreneurship in India. Entrepreneurship development programmes. Accounting: objectives, common terms. Personnel management-identification of work, job analysis, division of labour etc. Resource management- organization aspect of livestock farms, resources and procurement of inputs and financial resources, break-even- analysis etc.

**UNIT-8 (INFORMATION AND COMMUNICATION TECHNOLOGY)**

Strengths and limitations of ICTs application in livestock sector and farmers capacity building. Information kiosk, E-learning, CAD, virtual class room, virtual reality, multi-media etc. Cyber extension- problems and prospects in livestock extension. Computer networking: (LAN, MAN, WAN, Internet, tele-conferencing, tele-text, radio-text, video-text, interactive cable distribution system, satellite communication, internet, www, etc.).

**UNIT-9 (CONTEMPORARY ISSUES IN LIVESTOCK ENTERPRISES)**

Gender and animal husbandry- definition, difference between gender and sex, role of women in animal husbandry, gender sensitization, importance of gender sensitization in animal husbandry, need for gender analysis, gender budgeting and mainstreaming. Salient features of recent livestock census, livestock insurance scheme, national livestock mission. Sustainability- concept of sustainability of livestock production system (social, environmental and economic challenges faced). Introduction to environmental consequences of livestock rearing. Animal welfare: Introduction to animal welfare, ethics and rights. Importance of animal welfare in the contemporary society. Expectations from veterinary professionals.

**PRACTICAL**

**UNIT-1** Tools of data collection: Preparation of instrument for conducting social survey; Visit to nearby village: Conducting social survey for assessment of farming system and constraints; Data analysis and reporting; Organizing demonstration for farmers; identification of key communicators by Socio-metric method; Familiarization with audio-visual aids; Principle and use of projectors; Preparation of Radio Script Preparation of Television script; Preparation and use of poster; Preparation and use of chart; Preparation and use of flash cards; Preparation and use of farm publications for extension work; Planning and organizing an awareness campaign (Health and Production); Planning and organization of animal health camps; Exercise on rapid rural appraisal (RRA).; Exercise on participatory rural appraisal (PRA) technique; Planning and organization of group discussion.

**UNIT-2** Rules of debit and credit in livestock business transactions. Journal Entry and Ledger Posting. Writing of Cash Book. Balancing and preparation of final accounts. Exercise on calculation of depreciation. Visit to commercial enterprises of livestock production. Preparation of dairy entrepreneurial project report. Preparation of sheep and goat entrepreneurial project report. Preparation of poultry entrepreneurial project report. Preparation of piggery or rabbit entrepreneurial project report. Techno-economic feasibility report. Exercise on Break-even analysis. Exercise on BCR, IRR and NPW. Case study of successful entrepreneurial project. Visit to livestock market. Visit to livestock fair.

Exercise on economics of diseases



**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | **1, 2, 3, 4 and 5** | **100** | **20** |
| Paper-II | **6, 7, 8,and 9** | **100** | **20** |
| PRACTICAL | | | |
| Paper-I | **1** | **60** | **20** |
| Paper - II | **2** | **60** | **20** |

(xiii) **VETERINARY CLINICAL COMPLEX (VCC)**

**VETERINARY CLINICAL PRACTICES-I (Third year) Credit Hours: 0+1**

Orientation and understanding the working of Veterinary Clinics including hospital set up, administration and work force management. Doctor client interaction, Orientation to local language or dialector local terminology of the diseases. Registration, filling up registration cards, history taking, handling and restraining of animals. Preliminary clinical examination such as recording of temperature, respiration, pulse, motility of digestive sustem etc. Familiarization and practice of first aid procedures. Practice of collection, labeling, packaging and storage of laboratory samples. Preparation and sterilization of surgical packs, instruments, drapes and operation theaters. Familiarisation with antiseptic dressing techniques and bandaging.

**VETERINARY CLINICAL PRACTICES-II (Fourth year) Credit Hours: 0+6**

The students shall be Imparted the trainings on rotation basis in the following sections of Veterinary Clinical Complex (VCC):

**Ambulatory Section:**

Each Veterinary college should adopt five villages where in the health, production and treatment part should be taken care of in a holistic manner.

Handling, examination, diagnosis and treatment of sick animals in the field conditions under the supervision of faculty. Ambulatory Clinics shall be operated by small groups of students and faculty of clinical departments through an equipped ambulatory mobile unit.

**Diagnostic Laboratory Section:**

Veterinary Clinical Diagnostic Laboratory will be an important component of Teaching Veterinary Clinical Complex that will impart training to students for laboratory evaluation and interpretation of clinical samples leading to definitive diagnosis of diseases. This activity will improve competence of students in examining clinical samples (biochemical, toxicological, pathological, parasitological and bacteriological) at the clinical complex, analyzing and correlating with clinical findings and interpreting the results. Collection labeling, transportation, and preservation of body fluid samples, writing results and report. Interpretation of data in relation to specific diseases. Clinical significance and interpretation of serum glucose, lipids, proteins, blood urea nitrogen, creatinine, uric acid, ketone bodies, bilirubin and electrolytes from samples. Clinical significance and interpretation of examination of urine samples. Clinical evaluation of blood (Haemoglobin, packed cell volume, total erythrocytic count, erythrocytic sedimentation rate, total leukocytic count and differential leukocytic count) from clinical samples. Evaluation of acid-base balance and interpretation. Biochemical aspects of digestive disorders, endocrine functions. Liver, kidney and pancreatic function tests. Role of enzymes for detection of tissue or organ affection. Preparation of microscopic slides from tissue collected for diagnosis and its histopathological interpretation. Examination of biopsy and morbid material for laboratory diagnosis. Laboratory evaluation and diagnosis of samples for parasitic diseases (routine faecal examinations- direct smear method, simple sedimentation and floatation methods, quantitative faecal examination, pastural larval counts). Examination of skin scrapings, examination of blood. Orientation to a clinical Microbiology laboratory, collection, transport and processing of specimens from clinical cases for diagnosis of important bacterial, fungal and viral diseases. Isolation of bacteria from clinical samples, identification of bacteria by Grams staining and culturalor biochemical characteristics. Drug sensitivity and rationale for therapy. Diagnosis of diseases by employing tests like Agar Gel precipitation Test, ELISA etc.

**Note: The Laboratory shall run in collaboration with the Department of Pathology and Physiology and Biochemistry. Biochemist appointed in this section will be involved in teaching of students regarding principles of**



**various diagnostic tests, normal and abnormal values in different species, differential diagnosis, correlating with diseases and rationale of arriving at the conclusion.**

**Medicine Section:**

Orientation and understanding the working of Veterinary Clinics including hospital set up, administration and work force management. Understanding the different methods of record keeping, retrieval, processing, analysis and interpretation of data. Involvement in outpatient department (OPD), Indoor patient, Critical care or intensive care unit, sanitation, practice management etc. Doctor client interaction: Orientation to local language or dialect or local terminology of the diseases.

Registration, filling up registration cards, clinical practice comprising of clinical examination of the patient, with emphasis on history taking, examination techniques- palpation, percussion and auscultation. Familiarization and practice of first aid procedures and emergency medicine. Practice of collection, labeling, packaging and evaluation of laboratory samples. Relating generic and trade names of drugs along with their doses, indications and contraindications to prescribed treatment regimens.

Systematic examination of various systems, recording of clinical observations viz. temperature, respiration, pulse, cardiac sounds, cardiac function, pulmonary function, functional motility of digestive system, routes and techniques of administration of medicaments. Tentative and confirmatory diagnosis and treatment of common clinical cases like pharyngitis, laryngitis, stomatitis, indigestion, gastritis, ruminal impaction, tympany, enteritis, traumatic reticulo-peritonitis, traumatic pericarditis, pneumonia, haemoglobinurea, haematuria. milk fever, ketosis, rickets, osteomalacia, common poisoning, and others clinical cases as reported in the section.

Collection of materials like urine, faeces, skin scraping, blood, milk and other body fluids for laboratory tests. Preparation of case records; follow-up records etc. Readiness to treat and handle causalities and other emergencies in the clinics. Learning and practicing passing of stomach and naso-gastric tube. Screening of livestock or poulty through tests, mass diagnostic campaigns. Vaccination and other disease prevention and control programmes in the field.

Learning the use of various advance non invasive diagnostic aids like Ultrasonography, Opthalmoscope etc.

Practice of feeding of sick animals. Acts and regulations pertaining to generation and disposal of biomedical wastes in veterinary institutions. Biomedical waste generation, handling, storage, sorting, coding, transportation and disposal. Hazards of biomedical waste, and impact of biomedical waste on the environment.

**Gynecology and Obstetrics Section**

Practice of artificial insemination, pregnancy diagnosis, clinical examination and management of cases of anoestrus, silent oestrus, infertility and conception failure. Treatment of cases of metritis, cervicitis , vaginits etc. Handling and management of cases of retention of placentaorfetal membranes, ante and post partum prolapse of vagina. Examination and handling of cases of dystocia, fetotomy, caesarian etc. Castration of male calves, breeding soundness, evaluation of bulls, ovariohysterectomy and collection of cervical and vaginal mucus for cytology. Rectal examination and vaginal examination of genitalia. Familiarization with common drugs and hormones used in reproductive disorders including infertility, epidural and local anaesthesia for gynaecological cases. Filling of clinical case records and their maintenance.

**Surgery and Radiology Section**

Familiarization and understanding the use of equipments used in surgical sections of the VCC. Restraining and positioning of different species of animals for examinations, diagnosis and surgical treatment. Prescription of common drugs, their doses and uses in clinical surgical practice. Filling of clinical case records and their maintenance. Preparation and sterilization of surgical packs, instruments, drapes and operation theaters. Passing of stomach tube and gastric tube. Catheterization and urine collection.

Techniques of examination of neuromuscular and skeletal functions, Familiarisation with antiseptic dressing techniques, bandaging, abdomino-centesis, thoracocentesis. Topography anatomy of animals. Radiographic positioning, terminology and interpretation.

Treatment and Management of various surgical conditions including inflammation, wounds, abscess, cysts, tumors, hernia, haematoma, hemorrhage, sinus, fistula, necrosis, gangrene, bum, sprain, tendinits etc. Management and treatment of fractures, dislocations and other affections of joints, facial paralysis, Eye worm and other affections of Eye. Irregular teeth and their rasping, tail amputation, knuckling, upward fixation of patella (medical patellar desmotomy) etc.

Familiarisation with the landmarks for the approach to various visceral organs, thoraco-centesis, abdominocentesis. Rumenotomy, laparotomy, palpation and visualisation of viscera, urethrotomy, castration, vasectomy, caudectomy, thoracotomy, cystotomy, cystorraphy and spleenectomy. Examination of horse for soundness, lameness and preparation of certificate for soundness. Tenotomies, suturing of tendon, shortening of tendon.



**Pet Animal Section**

Registration, filling up registration cards, history taking. Relating generic and trade names of drugs alongwith their doses, indications and contraindications to prescribed treatment regimens. Familiarization and practice of first aid procedures and emergency medicine. Practice of collection, labeling, packaging and evaluation of laboratory samples. Clinical examination techniques- palpation, percussion and auscultation, systematic examination of various systems, recording of clinical observations viz. temperature, respiration, pulse, cardiac sounds, cardiac function, pulmonary function, functional motility of digestive systems. Routes and techniques of administration of medicaments. Diagnosis and treatment of diseases. Collection of materials like urine, faeces, skin scraping, blood, milk and other body fluids for laboratory tests. Preparation of case records; follow-up records etc. Vaccination and other disease prevention and control programmes. Practice of pregnancy diagnosis, examination of cases of anoestrus, silent oestrus and conception failure. Rectal examination of genitalia, vaginal examination. Epidural and local anaesthesia for gynaecological cases. Resteraining and positioning techniques for examination, diagnosis and surgical treatment. Preparation of surgical packs, sterilization procedures for surgical instruments. Passing of stomach tube and gastric tube. Catheterization and urine collection. Familiarization with antiseptic dressing techniques. Topography anatomy of pet animals. Radiographic positioning and terminology.

The practical component will be dealt with internally. The examination for VCP shall be conducted twice a year i.e. first practical exam after completion of 50% syllabus and the second one, when the course is completed but the second exam shall comprise of entire syllabus. Annual professional examination shall be held after the completion of 100% course content in each subject.

**The examination should comprise of following components:**

(i) Submission of 10 complete cases each of Surgery, Medicine, Gynaecology

(ii) Case presentation

(iii) Review of treatment of 5 cases

(iv) Written Objective Questions (Surgery, Medicine, Gynaecology

(v) and Lab diognosis)

(vi) Viva

(xiv) **LIVESTOCK FARM COMPLEX**

**LIVESTOCK FARM PRACTICES (Third year) Cr. Hr. 0+2**

Aim of Livestock farm practices is actual involvement of students in all aspects of animal rearing so that they can rear animals on their own. Hands on training of the students on the overall farm practices of livestock management including cleaning, feeding, watering, grooming, milking, routine health care, record keeping, sanitation, housing, fodder production, preparation of mineral mixture, cost economic of fodder production. Care of pregnant animals, management of parturition, care of neonatal and young stock. Management of broiler, layer farm and hatchery.

One full day per week comprising of six contact hours will be kept entirely for LFP where the students should be divided into small batches on rotational basis wherein they should be actually involved in different activities such as milking, feeding etc.

The practical component will be dealt with internally. The examination for LFC shall be conducted twice a year i.e. first practical exam after completion of 50% syllabus and the second one, when the course is completed but the second exam shall comprise of entire syllabus. Annual professional examination shall be held after the completion of 100% course content in each subject.

**The examination should comprise of following components:**

(i) Day to day activities

(ii) Record Book

(iii) Written Objective Questions

(iv) Viva Any other suitable component as per conditions

(xv) **DEPARTMENT OF VETERINARY SURGERY AND RADIOLOGY**

**VETERINARY SURGERY AND RADIOLOGY Credit Hours:2+1**

**THEORY**

**UNIT-1(VETERINARY GENERAL SURGERY)**



Introduction: Historical perspective, Definitions, classification of surgery, tenets of Halsted. Pre-operative, intra-operative and post-operative considerations: History taking, physical examination, clinico-pathological testing, intra-operative and postoperative care.

Sterilization and disinfection: Definitions, surgical sterilization, various methods of sterilization (Heat, chemical and radiations etc.), disinfections.

Sutures: Definitions, suturing, factors influencing suturing, characteristics of an ideal suture material, types of suture material-absorbable and non-absorbable, surgical knots, various suture patterns-apposition, eversion, inversion and special.

Treatment of acute and chronic inflammation: Use of anti-inflammatory drugs and proteolytic enzymes.
Haemostasis (physical and chemical methods, systemic haemostats, surgical diathermy)

Basic surgical affections: Definitions, classification, diagnosis and treatment of abscess, tumour, cyst, hernia, haematoma, necrosis, gangrene, burn and scald, frost bite and surgical affections of muscles, artery and vein, sinus and fistula.

Wounds: Definition, classification, examination and diagnosis, general principles for treatment of aseptic, contaminated and septic wounds, healing and factors affecting wound healing, complications of wounds and their

remedies. Surgical infection; their prevention and management: Classification of infection, Introduction to biomaterials and stem cell therapy in wound management

Management of surgical shock. Principles of fluid therapy in surgical patients.

**UNIT-2 (VETERINARY ANAESTHESIOLOGY)**

Introduction: Development of anaesthesiology, Terminology, classification and indications. General considerations of anaesthesia: Factors affecting anaesthesia and selection of anaesthetic technique, factors modifying uptake, distribution and elimination, patient evaluation, categories of patients according to physical status, selection of anaesthetic agent and patient preparation. Pain and its management in animals Local and regional anaesthesia: Definitions, local anaesthetics, mechanism of action Premedication, properties and use of different preanaesthetics: Uses of premedication, ,

Anticholinergic, sedatives and tranquilizers (Phenothiazine derivatives, Benzodiazepines, Butyrophenones, Narcotic analgesics, Alpha-2 agonists, dosage chart of all the drugs.

General anaesthesia: Definitions, methods of induction of anaesthesia, Intravenous anaesthetics (Total intravenous anaesthesia), monitoring of anaesthesia.

Inhalation anaesthesia: Advantages of inhalant anaesthetics, types of inhalant anaesthetics their properties and effect on various systems, methods of administration of inhalant anaesthesia.

Dissociative anaesthesia: Definition, drugs, clinical application, properties and effect on various body systems.

Avian, wild, zoo, exotics and lab animal anaesthesia and capture myopathy

Anaesthetic emergencies and management, Toxicity, antidote and reversal agents.

**UNIT-3 (VETERINARY DIAGNOSTIC IMAGING TECHNIQUES)**

Introduction to Radiology-General terminology of radiology, Physical properties of X-Rays, Scope and uses of Radiology, Directional terms for veterinary radiology. Production of X-rays and factors influencing production of X-rays. Radiation hazards and safety measures- Scattered radiation, Biological effects of radiation, Direct and indirect effects, Early and late effects, Radiation sensitivity of different body cells, Radiation protection, General principles of radiation safety, Radiation monitoring devices, Requirement of an ideal radiographic section. The statutory requirements of radiology set-up as per Atomic Energy Regulatory Board of India (AERB). Production of quality diagnostic radiograph. Recording of image- Manual and digital processing of X-ray films, storage and retrieval system. Radiographic Quality and faults- Radiographic detail, density and contrast and factors affecting them, Radiographic faults, their possible causes and prevention. Contrast radiography- Definition, indications, contraindications and types of contrast radiography, Different contrast materials and their use, Techniques of some selected contrast radiography in animals(Barium swallow, Retrograde urography etc) Diagnostic ultrasonography- Principles, indications, techniques and artifacts of ultrasonography. Advanced diagnostic imaging tools- The brief introduction to the use and limits of some advanced imaging techniques, Interventional radiology - CAT scanning, MRI, etc

**UNIT-4: (REGIONAL SURGERY-I)**

Head and Neck: Affections of lips, cleft palate, tongue, cheek, and their treatment: General anatomical considerations, avulsion of lip, cleft lip ranula, neoplasm and traumatic injuries. Affections of teeth and jaws and their treatment: General anatomical considerations, Developmental abnormalities, dental tartar, periodontal disease, overgrown molars, fractures and luxations of jaw. Affections of nose, face, ear, head and horn and their treatment: General anatomical considerations.



Brachycephalic syndrome, Stenotic nostrils, nasal polyps, empyema of sinuses, fracture and avulsion of horn, horn cancer, aural haematoma, otitis. Affections of eye and their treatment: General anatomical considerations and examination of eye. Affections of eyelids and nictitating membrane and their treatment: entropion, ectropion, chalazion, sty, Cherry eye and traumatic injuries. Affections of lachrymal apparatus, eyeball and orbit and their treatment: occlusion of nasolacrimal duct, traumatic proptosis, panophthalmia, orbital neoplasms, glaucoma, eye worms. Affections of cornea, iris and lens and their treatment: corneal ulcers, corneal opacity, Kerato Conjunctivitis Sicca (KCS), prolapse of iris, corneal dermoid, corneal lacerations and perforations, cataract. Affections of guttural pouch, oesophagus and their treatment: General anatomical considerations. Empyema, tympanitis and Mycosis of guttural pouch, oesophageal diverticulum, megaoesophagus, achalasia and choke. Affections of glands of head and neck and their treatment: General anatomical considerations. Salivary mucocele,

sialoliths, salivary fistula Affections of neck and their treatment: General anatomical considerations. Yoke gall, yoke abscess, fistulous withers, poll evil, torticollis. Affections of larynx and Trachea: Tracheal collapse, stenosis, roaring in horses, dorsal entrapment of soft palate in horses and camels, emergency tracheotomy. Management of ocular emergencies. Tracheotomy

**UNIT-5: (REGIONAL SURGERY-II)**

Thorax and Abdomen: Thoracic affections: Surgical approaches, perforated wounds, pyothorax, pneumothorax, pneumocele, Diaphragmatic hernia and traumatic pericarditis in cattle. Abdominal affections: Surgical approach to the abdomen in different animal species. Common surgical affections of the stomach in dogs and their management: dilation and torsion of stomach, gastric ulcerations, foreign bodies in the stomach, pyloric stenosis. etc Surgical affections of the stomach in large animal and their management: Ruminal impaction, traumatic reticulitis, omasal and abomasal impaction and abomasal displacement. Surgical affections of small intestines and their management: Intestinal obstruction, intussusception and strangulation (volvulus). Techniques of intestinal anastomosis. Surgical affections of large intestine and their management: Caecal dilatation and torsion, rectal prolapse, rectal and perineal tear, recto-vaginal fistula. Surgical affections of anus and perineal region and their management: Atresia-ani, anal stenosis, anal sac impaction. Other surgical affections of abdomen and their management: Perforating wounds and fistulae of abdomen, umbilical hernia, ventral abdominal hernia, inguinal and scrotal hernia, perineal hernia. Urinary system: Urolithiasis and its management. Urolithiasis in small and large animals. Patent urachus, ectopic ureter. Surgical management of equine colic. Genital system: Surgical affections of male genital system and their management, prostatic enlargementor hyperplasiaor neoplasm, Phimosis, paraphimosis, preputial prolapse, penile amputation. Castration, vasectomy, scrotal ablation in large and small animals. Surgical affections of female genital system and their management: Canine transmissible venereal tumour. Ovariohysterectomy and caesarean section. Applications of rigid and flexible endoscopes in the management of surgical disorders. Integumentary system: Surgical affections of udder, teat and canine mammary neoplasms. Surgical affections of tail and tail docking Wildorzoo animal surgery(only awareness)

**UNIT-6 (ORTHOPEDICS AND LAMENESS)**

Body conformation of the horse in relation to lameness (trunk, fore limb and hind limb).

Lameness: Its definition classification and diagnosis. General methods of therapy for lameness. Body and limb conformation in relation to lameness in equine.

Equine lameness: Shoulder slip (sweeny), bicipital bursitis, omarthritis, capped elbow, radial paralysis, carpitis. bent knee, and knock- knee. Hygroma of knee, open knee, blemished knee. Fracture of carpal bone, fracture of accessory carpal, contraction of digital flexors. Splints, sore shin, wind puffs, sesamoid iris Osstots, ringbone, quittor, side bone, Navicular disease, pyramidal disease. Laminitis, sand crack, seedy toe, fractures of third phalanx, pedal osteitis, and sole penetration. Canker, thrush and corn, Monday morning disease, cording up, myositis of psoas, Mac thrombosis, Crural paralysis, subluxation of sacroiliac joint rupture of round ligament trochantric bursitis. Upward fixation of patella, stringhalt, gonitis, chondromalacia of patella, rupture of tendoachilles, rupture of peroneus tertius, fibrotic myopathy and ossifying myopathy. Thoroughpin, bog spavin, spavin, curb, capped hock.

Canine lameness: Intervertebral disc diseases, elbow and hip dysplasia, rupture of cruciate ligament, elbow hygroma etc.; their management, Onychectomy.

Bovine lameness: Contusion of sole, ulceration of sole, septic laminitis, avulsion of hoof and subluxation of patella, interdigital fibroma, cyst, sand crack, and hoof deformities.

Fracture: Definitions, classification, fracture healing and complications.

Fracture: The preliminary assessment and management of fractures. Techniques of external immobilization of fractures.

Techniques of internal immobilization of fractures. Management of fracture complications

Luxations: Definition, signs, diagnosis. Management of common joint luxations in animals.

Spinal trauma, diagnosis and its management

Rehabilitation and physiotherapy of orthopaedic patients



**PRACTICAL**

**UNIT-1(VETERINARY GENERAL SURGERY)**

Introduction to layout of operation theatre and surgical unit. Introduction of common surgical equipment and instruments. Suture materials, surgical knots and suture patterns. General examination of surgical patients. Preparation of surgical patients. Other operation theatre routines like sterilization, preparation of theatre, Surgeon and surgical pack. Bandaging and basic wound management Demonstration (or Audio visual aids) of surgery, control of haemorrhage and suturing

**UNIT-2 (VETERINARY ANAESTHESIOLOGY)**

Familiarization with anaesthetic apparatus, monitoring equipment and accessories. Methods of local infiltration analgesia (Linear ring block, inverted L block etc.) Regional nerve block demonstration and practice (Auriculopalpebral block, Peterson block or 4 point retrobulbar nerve block, Paravertebral, epidural etc.) Intravenous regional anaesthesia in cattle. Administration of general anaesthesia in small and large animals. (Demonstration and practice). Administration of inhalant anaesthesia (Demonstration). Monitoring of general anaesthesia. Management of anaesthetic emergencies, use of artificial respirator and analeptics. Visit to a wild animal facility or audio-visual aids or both.

**UNIT-3 (VETERINARY DIAGNOSTIC IMAGING TECHNIQUES)**

Familiarization with the operation of the x-ray unit. Formulation of X-ray exposure technique charts, Adoption of safety measures and film processing. Positioning and radiography of different parts of the body in small and large animals Handling, viewing and interpretation of radiograph. Familiarization with the film contrast, density and details, common radiographic artifacts. Radiographic pathology of the head, neck and thorax of large and small animals. Radiographic pathology of abdomen of large and small animals. Radiographic pathology of the bones and joints of large and small animals. Demonstration of contrast radiographic techniques in animals. Demonstration of ultrasonography in animals. Fluoroscopy or Image intensifier (familiarization).

**UNIT-4: (REGIONAL SURGERY-I)**

Demonstration or Audio visual aids: Amputation of horn and disbudding. Tooth rasping, dental scaling. Examination of ear (otoscopy). Examination of eye (General examination, Ophthalmoscopy, tonometry, fluorescein dye test, Scherimer tear test, test for blindness). Operation for aural haematoma. Protection and bandage of eyes, tarsorhhaphy, third eyelid flap, flushing of nasolacrimal duct

**UNIT-5: (REGIONAL SURGERY-II)**

Demonstration or Audio visual aids-Castration in different species in clinical cases and under animal birth control programme in canine. Ovariohysterectomy in dogs and cats. Rumenotomy, Gastrotomy in dogs, Urethrotomy and urethrostomy. Cystotomy and cystorrhaphy. Enterotomy or Enterectomy. Management of teat and udder affections. Amputation of tail in different animals in clinical cases. Circumcision operation for prepucial and rectalprolapse. Thoracocentesis and abdominocentesis.

**UNIT-6 (ORTHOPEDICS AND LAMENESS)**

Demonstration or Audio visual aids-Familiarization with various orthopaedic instruments and implants. Basic orthopaedic and neurological examination in small and large animals. Nerve blocks in equine. Application of basic physiotherapy techniques in animals. Basic limb stabilization techniques and splinting techniques. Application of cast in small and large animals. Internal fixation techniques in animals. Medial patellar desmotomy in bovines. Examination of animals for soundness and preparation of soundness certificate.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1, 2, 3 and 4 | 100 | 20 |
| Paper-II | 5 and 6 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1, 2, 3 and 4 | | 60 |
| Paper - II | 5 and 6 | | 60 |



(xvi) **DEPARTMENT OF VETERINARY MEDICINE**

**VETERINARY MEDICINE** **Credit Hours: 4+1**

**THEORY**

**UNIT-1 (GENERAL)**

History and scope of Veterinary Medicine, concept of animal diseases. Concepts of diagnosis, differential diagnosis, treatment and prognosis. General systemic states, hyperthermia, hypothermia, fever, septicemia, toxemia, shock, allergy, anaphylaxis, oedema, coma, anaemia, common clinical poisonings and dehydration.

Estimates of diseases, patterns of disease, disease monitoring and surveillance, herd health and quarantine.

**UNIT-2 (SYSTEMIC DISEASES)**

Etiology, clinical manifestations, diagnosis, differential diagnosis, treatment, prevention and control of the following diseases of cattle, buffalo, sheep, goat, horse, pig, dog, cat and poultry: Diseases of digestive, respiratory, cardiovascular, urinary, nervous, musculoskeletal, haemopoietic, and lymphatic systems, skin, sense organs

including affections of peritoneum, liver and pancreas. Emergency medicine and critical care.

**UNIT-3 (METABOLIC AND DEFICIENCY DISORDERS)**

Diagnosis and management of diseases caused by deficiency of iron, copper, cobalt, zinc, manganese, selenium, calcium, phosphorus, magnesium, iodine, vitamin A, D, E, B complex, K and C. Diseases of neonates, Alternative or integrated or ethno veterinary medicine in animal disease management. Aetiology, clinical manifestations, diagnosis, differential diagnosis, treatment prevention and control of metabolic or production and endocrine diseases of cattle, buffalo, sheep, goat, horse, pig, dog, cat and poultry i.e. Milk fever, eclampsia, osteodystrophy fibrosa, lactation tetany, downer cow syndrome, ketosis, fat cow syndrome, hypomagnesaemia, Nutritional haemoglobinuria, azoturia, diabetes, hypothyroidism, Cushing syndrome, Addison's disease and Gout.

**UNIT-4 (ZOO AND WILD ANIMAL MEDICINE)**

Principles of zoo hygiene, public health problems arising from zoos. Prevention, control and treatment of infectious, parasitic, nutritional and metabolic diseases in zoo and wild animals including exotic birds. Acts and Rules related to Zoo and wild animals. National and international organizations and institutions interlinked to wild and zoo animals – role and functioning.

**UNIT-5 (BACTERIAL, FUNGAL AND RICKETTSIAL DISEASES)**

Aetiology, epidemiology, clinical manifestations, diagnosis, treatment, prevention and control of bacterial, fungal and rickettsial diseases of livestock: mastitis, hemorrhagic septicaemia, brucellosis, tuberculosis, Johne's disease, listeriosis, leptospirosis, campylobacteriosis, actinomycosis, actinobacillosis, bordetellosis, glanders, strangles, ulcerative lymphangitis, colibacillosis, fowl typhoid, pullorum disease, fowl cholera, avian mycoplasmosis, spirochaetosis, salmonellosis, swine erysipelas, contagious caprine pleuropneumonia, contagious bovine pleuropneumonia, anthrax, clostridial infections, ehrlichiosis, chlamydosis, Q fever, anaplasmosis, dermatophilosis, aspergillosis, candidiasis, histoplasmosis, sporotrichosis, coccidiodomycosis, mycotoxicosis and rhinosporidiosis.

**UNIT-6 (VIRAL AND PARASITIC DISEASES)**

Aetiology, epidemiology, clinical manifestations, diagnosis, treatment, prevention and control of viral and parasitic diseases of diseases of cattle, buffalo, sheep, goat, horse, pig, dog, cat and poultry: Foot and mouth disease, rinderpest, bovine viral diarrhoea, malignant catarrhal fever, infectious bovine rhinotracheitis, ephemeral fever, blue tongue, sheep pox, goat pox, PPR, classical swine fever, rabies, equine influenza, equine infectious anemia, equine rhinopneumonitis, canine distemper, infectious canine hepatitis, canine parvoviral disease, corona viral infection, adeno virus infection, feline rhinotracheitis, feline pan leucopenia, feline infectious peritonitis, avian influenza, New Castle disease, Marek's disease, avian leucosis, infectious bronchitis, infectious laryngotracheitis, avian encaphalomyelitis, chicken reo virus, fowl pox, infectious bursal disease, chicken infectious anemia, inclusion body hepatitis-hydropericardium syndrome, emerging and exotic viral diseases of global importance.

Parasitic diseases: Trematodes, cestodes, nematodes, protozoan infections and external parasites of clinical importance.

**UNIT-7 (JURISPRUDENCE, ETHICS, AND ANIMAL WELFARE)**

Legal duties of veterinarians, laws related to medicine, evidence, common offences against animals and laws related to these offences. Examination of living and dead animals in criminal cases. Cruelty to animals and

bestiality. Legal aspects of: Examination of animals for soundness, examination of injuries and post-mortem examination. Causes of sudden death in animals. Collection and despatch of materials for chemical examination, detection of frauds-doping, alternation of description, bishoping etc. Cattle slaughter and evidence procedure in courts. Provincial and Central Acts relating to



animals. Glanders and Farcy Act 1899 (13 of 1899). Dourine Act 1910 (5 of 1910), Laws relating to offences affecting Public Health. Laws relating to poisons and adulteration of drugs. Livestock importation act, liability and insurance. Code of conduct and ethics for veterinarians - the regulations made under the Act.

Animal welfare organizations and its role in animal welfare, welfare assessment, behaviour and animal welfare, principles and philosophy of animal welfare, animal welfare ethics, improving animal welfare through legislation and incentives, assessment of physiological, behavioural, disease and production measures of animal welfare, assessing welfare in practice, environment enrichment, euthanasia, welfare of animals used in education and research and transportation, religion and animal welfare, human and animal welfare conflict, veterinary disaster management, human−animal interactions, economics and animal welfare and veterinarians as animal welfare educators

**PRACTICAL**

**UNIT-1 (GENERAL)**

Collection of history and general clinical examination. Collection, preservation, packing and dispatch of samples from clinical cases. Nasogastric and orogastric intubation in animals. Oxygen therapy in veterinary practice. Gastric and peritoneal lavage. Collection and examination of cerebrospinal fluid. Blood transfusion .

**UNIT-2 (SYSTEMIC DISEASES)**

Special examination of cardiovascular system. Examination of urinary system. Special examination of respiratory system. Special examination of gastrointestinal system. ECG, Echocardiography, Ultrasonography, Endoscopy. Special examination of sense organs. . Examination of eye and ear. Collection and examination of peritoneal fluid. Peritoneal dialysis. Neurological examination in animals. Lymph node biopsy and bone marrow aspirate. Methods of medication.

Disease Estimation

**UNIT-3 (ZOO AND WILD ANIMAL MEDICINE)**

Management and restraint of zoo and exotic animals. Drug delivery in zoo and wild animals. Visit to Zooor Sanctuary. Examination of veterolegal cases.

**UNIT-4 (BACTERIAL, FUNGAL AND RICKETTSIAL DISEASES)**

**PRACTICALS**

TB, JD and Mallein testing in animal. Brucellosis testing in animals. Physical and chemical tests for detection of mastitis. Application of molecular and serology techniques on clinical samples for disease diagnosis. Pen-side diagnostic tests for infectious diseases. Practical approaches to disease outbreak investigation and its control.

**UNIT-5 (VIRAL AND PARASITIC DISEASES)**

Collection and examination of skin scrapings- Parasitic, fungal, bacterial. Examination of blood for parasites. Dark field microscopy. Application of Molecular and serological techniques or clinical samples for diagnosis of viral and parasitic diseases.

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1, 2, 3 and 4 | 100 | 20 |
| Paper-II | 5, 6 and 7 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1, 2 and 3 | 60 | 20 |
| Paper - II | 4 and 5 | 60 | 20 |

**DEPARTMENT OF VETERINARY GYNAECOLOGY AND OBSTETRICS**

**VETERINARY GYNAECOLOGY AND OBSTETRICS THEORY**

**UNIT- 1 (VETERINARY GYNAECOLOGY)**

**Credit Hours 2+1**

Bovine : Applied clinical anatomy and embryology of female reproductive tract - Hereditary and congenital anomalies of female reproductive tract –Puberty and sexual maturity and their endocrine control- Delayed puberty- Its causes, clinical



approach, treatment and prevention of delayed puberty- Applied reproductive physiology and endocrinology of oestrous cycle- Oestrous cycle and factors affecting the length of the oestrous cycle-Aberrations of oestrus and their clinical management and problems in oestrus detection and oestrus detection aids –Transportation and survivability of gametes in female reproductive tract-Follicular Dynamics and its clinical impact on fertility improvement- ovulation and aberrations of ovulation-Incidence causes, diagnosis treatment and prevention of ovulatory failures- Fertilization and aberrations of fertilization- Fertilization failures - embryonic mortality- incidence, causes, diagnosis, treatment and prevention – Pathological affections of ovary, uterine tubes, uterus, cervix , vagina and external genitalia – Clinical management of specific and non-specific forms of infectious infertility- Role of nutrition, climate and stress on reproductive efficiency - Managemental causes of infertility- Anoestrus and repeat breeding syndrome - Diagnostic procedures in infertility investigation – Clinical uses of hormones and drugs in the management of infertility- Surgical procedures for correction of abnormalities of the female reproductive tract. Herd reproductive health management and fertility parameters in individual animals and in herds.

Assisted reproductive techniques: Synchronization of estrus and ovulation and its principle. methodology and implications- Multiple ovulation and Embryo transfer technology-In vitro fertilization.

Equines: oestrous cycle- Seasonality- breeding management- Aberrations of oestrous cycle and ovulations- Techniques of Pregnancy diagnosis- Clinical management of specific and non-specific forms of infectious infertility- Diagnostic procedures in infertility investigation

Ovines and caprines: oestrous cycle- Seasonality- Control of oestrous cycle and infertility

Swines : oestrous cycle- breeding management- Techniques of Pregnancy diagnosis and infertility

Canines and Felines : oestrous cycle- breeding management- Phantom pregnancy- Medical termination of pregnancy – Aberrations of oestrous cycle- Medical and surgical management of affections of ovary, uterine tubes, uterus, cervix, vagina and external genitalia – Methods of Population control by medical and surgical techniques. Comparative reproductive events in camel

Principle, procedure and application of ultrasonography in farm and pet animal reproduction

**UNIT-2 (VETERINARY OBSTETRICS)**

Farm and pet animals - Maternal recognition of pregnancy – Applied Endocrinology of pregnancy – Pregnancy diagnosis- Duration of pregnancy -Factors affecting gestation length- Care and management of pregnant animals- Implantation, Placentation- Classification, functions –Wandering of ovum- Telegony- Superfetation and Superfecundation – Clinical management of specific and non specific causes of abortion, extra uterine pregnancy, dropsy of fetal membranes and fetus, mummification, maceration, cervicovaginal prolapse, uterine torsion and hysterocele. Parturition- Signs of approaching parturition - Stages of parturition - Initiation and induction of parturition - lactational disorders - Puerparium and factors affecting puerparium - Postpartum care of the dam and neonate in different species of farm and pet animals - Dystocia – Classification - Clinical signs and diagnosis - Handling of Fetal and maternal dystocia – Obstetrical interventions - Mutation – Forced extraction – Fetotomy – Cesarean section in small and large animals – Maternal obstetrical paralysis - Retention of fetal membranes, Total uterine prolapse and common metabolic diseases of puerperal period – Post partum hemorrhage – Sub involution of placental sites - Injuries incidental to parturition - Post partum uterine infections – Post partum resumption of ovarian activity .

**UNIT–3(VETERINARY ANDROLOGY AND A.I.)**

Farm and pet animals - Comparative clinical reproductive anatomy and endocrinology of the male reproduction - Common congenital and genetic defects of the male reproductive tract – Puberty and sexual maturity and factors affecting them - Sexual behaviour and libido - Sperm transport, erection and ejaculation - Coital injuries and vices in male animals - Semen and ejaculate – Semen collection techniques- Structure of Spermatozoa - Semen

evaluation - Semen extenders, dilution, preservation and post thaw evaluation - Artificial insemination techniques in farm and pet animals - Forms of male infertility - Impotentia coeundi and impotentia generandi – Affections of the scrotum, testis, accessory sex glands, penis and prepuce - Breeding soundness evaluation of bull – *In vitro* tests for evaluation of male fertility - Medical and surgical techniques for population control of the male reproduction – Surgical procedure on the male reproductive tract in farm and pet animals.

**PRACTICAL**

**UNIT- 1 (VETERINARY GYNAECOLOGY)**

Study of female genital organs using slaughter house specimens- Oestrus detection aids - Techniques of rectal palpation of female reproductive tract - Gynaecological equipment and instruments -Vaginal exfoliative cytology and vaginoscopy- Ultrasonography of female reproductive tract - Surgical procedures on the vulva, vagina and uterus-Study of pathological specimens of female genital tract- Demonstration and practice of ovario-hysterectomy and panhysterectomy- Diagnostic procedures in investigation of infertility in female animals



**UNIT-2 (VETERINARY OBSTETRICS)**

Study of pelvis and pelvimetry- Pregnancy diagnosis-Study of foetal membranes of domestic and pet animals -and identification of normal and abnormal foetal membranes-Approaching signs of parturition- Stages of parturition-Approach to an obstetrical case- Obstetrical anaesthesia - obstetrical instrument and equipment - Manipulation of foetal malpresentation in phantom boxes - Maternal causes of dystocia and its management-Fetotomy in cadavers, Demonstration of forceps delivery and Caesarean section in small and large animal clinical cases. Handling of prolapse of genitalia.

**UNIT–3 (VETERINARY ANDROLOGY, AI AND ASSISTED REPRODUCTIVE TECHNIQUES)**

Study of male genital organs using slaughter house specimens- Techniques of rectal palpation of the male reproductive tract- Andrological and AI equipment -Vasectomy and castration -Surgical procedures on penis, prepuce and scrotum-Planning and organization of AI centre-Preparation of teaser animals -Selection, care, training and maintenance of male animal used for breeding purpose-Techniques of semen collection-Semen evaluation techniques -Sterilization, storage of equipment used for semen collection and Artificial insemination-Preparation of extenders and extension of semen-Preservation of semen-Thawing of semen and technique of AI-Handling and maintenance of $LN_2$ containers. Diagnostic procedures in investigation of infertility in male animals-Breeding soundness evaluation of bulls- Oestrus synchronization procedures- Multiple Ovulation and Embryo Transfer- *In Vitro* Fertilization

**ANNUAL EXAMINATION**

| PAPERS | UNITS | MAXIMUM MARKS | WEIGHTAGE |
|---|---|---|---|
| THEORY | | | |
| Paper-I | 1 | 100 | 20 |
| Paper-II | 2 and 3 | 100 | 20 |
| PRACTICAL | | | |
| Paper-I | 1 | 60 | 20 |
| Paper - II | 2 and 3 | 60 | 20 |

**PART VI**

**MINIMUM STANDARDS OF VETERINARY EDUCATION**

22. (1)The following are the minimum standard requirements for a Veterinary College for 80 Admissions Annually, namely:-

Each Veterinary College shall have the following Seventeen Departments under the administrative

control of the Dean or Principal or Associate Dean. Poultry Science or Wild animal or any other department if

existing, as per their regional importance in that area, shall continue to exist with minimum of three teachers

with atleast one professor, namely:-

(i) Veterinary Anatomy

(ii) Veterinary Physiology and Biochemistry

(iii) Livestock Production Management

(iv) Veterinary Microbiology

(v) Veterinary Pathology

(vi) Animal Genetics and Breeding

(vii) Animal Nutrition

(viii) Veterinary Pharmacology and Toxicology

(ix) Veterinary Public Health and Epidemiology

(x) Veterinary Parasitology

(xi) Livestock Product Technology

(xii) Veterinary and Animal Husbandry Extension Education



(xiii) Veterinary Clinical Practices

(xiv) Livestock Farm Practices

(xv) Veterinary Surgery and Radiology

(xvi) Veterinary Medicine

(xvii)Veterinary Gynaecology and Obstetrics

(2) Every Veterinary College shall have its own building and minimum 30 acres of land for running various departments and Farm and fodder production area, however, for hilly terrain a minimum of 25 acres of land is

required.

(3) The Veterinary Clinical Complex shall also have well equipped outdoor and indoor patient sections (including

canine) and client accommodation facilities. The complex shall have medical, surgical, gynecological, diagnostic and ambulatory clinical sections. The Livestock Farm Complex shall have Livestock Units and infrastructure for maintenance of livestock, animals of different species, unit of non producing animals for clinical or para clinical teaching, storage facilities for feed and fodder and fodder production area (optional).

(4) Five lecture halls fitted with audio-visual projection system

(5) Conference Hall with multimedia projection system

(6) Distillation or Deionizer plants

(7) Photography Unit with all facilities

(8) Central Instrumentation Facility (CIF)

(9) In addition to the accommodation mentioned above the College building complex shall provide the following,

namely:

(i) Dean or Principal's or Associate Dean office room with attached toilet room and retiring room.

(ii) Visitor's room.

(iii) Committee room with projection facilities.

(iv) Office room accommodating office staff of Academic, Accounts and Establishment Sections.

(v) Central store room.

(vi) Personal Staff room with attached toilet facilities.

(vii) Toilet facilities for visitors and office staff.

(viii) Record room

(ix) Typing, Duplicating and Photocopying facilities

(x) Canteen

(xi) Library with reading room and arrangement for staff and students with adequate seating accommodation

(xii) A Conference hall with facility for visual demonstrations and projections

(xiii) Four lecture halls each with a seating capacity for minimum of 100 students with the facilities of audio-visual aids

(xiv) Examination Hall(s)

(xv) Toilets (Gents and Ladies)

(xvi) Drinking water facility

(xvii) College auditorium



(xviii) Play grounds with games and sports facilities including indoor games facilities

(xix) Hostels for boys and girls (including Interns) with common room, mess etc.

(xx) Central Computer Lab.

(xxi) Central College Diagnostic Lab (Optional)

(xxii) Transport facilities including bus, minibus, staff car, ambulatory van and mobile diagnostic unit

(xxiii) Artificial Insemination Centre (optional)

(xxiv) Round the clock health facility for treatment of staff and students

(xxv) Simulation laborator

(xxvi) Skill development laboratory

(10) These are minimum requirements for Veterinary Institution imparting education leading to B.V.Sc. and A,H. degree. However institution or colleges having additional departments; special infrastructural and academic facilities would be encouraged to enlist them as desirable facilities keeping in view the demands and advances in the discipline or sub-discipline concerned.

(11) General accommodation facilities to be provided in each department:

| | | |
|---|---|---|
| (i) | Chamber of HOD | 200sq.ft |
| (ii) | Office for the each teaching staff | 100 sq. ft. |
| (iii) | Office of the department | 200 sq. ft. |
| (iv) | Store | 150 sq. ft. |

(12) The required infrastructures shown below are the minimum or critical in each department for imparting undergraduate teaching leading to Bachelor of Veterinary Science and Animal Husbandry degree. The departments having other activities like post-graduate teaching, research, extension and other services attached, shall have the additional infrastructure on need basis.

(13) **The following shall be the Department-wise space requirement, namely:-**

**(i) VETERINARY ANATOMY**

| | | |
|---|---|---|
| | (a)Osteology and Arthrology Lab. | |
| | (b)Dissection hall with attached embalming room | 1200 sq. ft. |
| | (c)Histology and Embryology Lab | 600 sq. ft. |
| | (d)Museum | 600 sq. ft. |
| **(ii)** | **VETERINARY PHYSIOLOGY AND BIOCHEMISTRY** | |
| | (a)Physiology Lab | 600 sq. ft. |
| | (b)Biochemistry Lab | 600 sq. ft. |
| | (c)Analytical equipment and maintenance Laboratory | 600 sq. ft. |
| **(iii)** | **LIVESTOCK PRODUCTION MANAGEMENT** | |
| | (a)Judging Pavilion-cum Handling Room in LFC | 1200 sq. ft. |
| | (b)U. G. Lab-cum-Museum for breed charts and animal house Models | 600 sq. ft. |
| **(iv)** | **VETERINARY MICROBIOLOGY** | |
| | (a)Bacteriology and Mycology Lab | 600 sq. ft. |
| | (b)Virology Lab (with air conditioned tissue culture Lab and | 200 sq. ft. |



| | | |
|---|---|---|
| | (c)egg inoculation booth,) | |
| | (d)Immunology Lab. | 600 sq. ft. |
| | (e)Glassware washing and sterilization room | 150 sq. ft. |
| **(v)** | **VETERINARY PATHOLOGY** | |
| | (a)Histopathology Lab | 600 sq. ft. |
| | (b)Clinical Pathology Lab | 600 sq. ft. |
| | (c)Museum | 600 sq. ft. |
| | (d)Post –mortem room for large animals and poultry | 600 sq. ft. |
| | (e)Museum | 300 sq. ft. |
| **(vi)** | **ANIMAL GENETICS AND BREEDING** | |
| | (a)Computer Lab (Central Facility) | 1200 sq. ft. |
| | (b)U.G. Laboratory | 600 sq. ft. |
| **(vii)** | **ANIMAL NUTRITION** | |
| | (a)Feed and fodder analysis Lab | 600 sq. ft. |
| | (b)Energy Metabolism Lab | 600 sq. ft. |
| | (c)Metabolic stall or Boxes (desirable) | |
| | (d)Feed processing and mixing plant (desirable) | 900 sq. ft. |
| **(viii)** | **VETERINARY PHARMACOLOGY AND TOXICOLOGY** | |
| | (a)Experimental Pharmacology Lab | 600 sq. ft. |
| | (b)Pharmacy Lab | 600 sq. ft. |
| | (c)Toxicology or Chemotherapy Lab | 600 sq. ft. |
| **(ix)** | **VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY** | |
| | (a)Zoonosis-cum-Epidemiology Lab | |
| | (b)Milk Hygiene Lab | 600 sq. ft. |
| | (c)Meat Hygiene Lab | 600 sq. ft. |

**VETERINARY PARASITOLOGY**

| | |
|---|---|
| (a)Helminthology Lab cum Museum | 600 sq. ft. |
| (b)Entomology and Protozoology Lab | 600 sq. ft. |

**(xi) LIVESTOCK PRODUCT TECHNOLOGY**

Hygienically maintained mini slaughter house for 5 to 10 animals (sheep and goat) and 50 poultry

| | |
|---|---|
| (a)Meat technology Lab | 600 sq. ft. |
| (b)Dairy technology Lab | 600 sq. ft. |

**(xii)VETERINARY AND ANIMAL HUSBANDRY EXTENSION EDUCATION**

| | |
|---|---|
| (a)Audio-visual technology Laboratory | 600 sq. ft. |
| (b)Photography-cum-graphic unit, projection unit etc | 600 sq. ft. |
| (c)Group discussion chambers or mini seminar room | 600 sq. ft. |
| (d)Museum-cum-live-stock advisory unit | 600 sq. ft. |



**(xiii)VETERINARY SURGERY AND RADIOLOGY**

(a)X Ray and Imaging Facilities 900 sq. ft.

(b)Small animal operation theatre 600 sq ft

(c)Large animal operation theatre 600 sq ft

**(xiv)VETERINARY MEDICINE**

(a)Clinical Medicine Lab 600 sq. ft.

(b)Preventive Medicine Lab 600 sq. ft.

**(xv)VETERINARY GYNAECOLOGY AND OBSTETRICS**

(a)U. G. Laboratory 600 sq. ft.

(b)Phantom hall and palpation room 600 sq. ft.

(c)Artificial Insemination Centre with a semen storage and Trevis facility

(d)Museum 600 sq.ft

**(xvi)VETERINARY CLINICAL COMPLEX**

NOTE: This is the department where the following departments will be operating their training and services. The faculty from departments of Veterinary Medicine, Veterinary Surgery and Radiology, Veterinary Gynaecology and Obstetrics shall be on rotational duty during normal or off hours and holidays. Veterinary Microbiology, Veterinary Parasitology and Veterinary Pharmacology shall assist in the VCP. Animal Birth Control programme and anti Rabies vaccination activities shall be taken up by VCC.

(a) Reception
- (i)Waiting hall for large animals.
- (ii)Waiting hall for small animals.
- (iii)Registration counter or record room
- (iv)Dispensary, drug store etc.

(b) Animal examination section – fitted with chutes
- (1)Large animals
  - (i)Medical unit
  - (ii)Surgical unit
  - (iii)Gynaecology unit
- (2)Small animals
  - (i)Same as above with animal examination table

(c) Operation theatre complex:
- (i)Equine surgery

(ii)Bovine surgery (standard surgery) with surgical chute (Uthrecht pattern preferable) (iii)Canine surgery

(d) Infectious and contagious disease wards.

(i)Rabies ward

(ii)Equine isolation ward



(iii)Bovine isolation ward

(iv)Skin ward

(e) Recovery room for large animals, slings, hoist, head protectors, hobbles, twitch, linkers etc.

(f) Intensive– care unit for small animal

(g) Veterinary Diagnostic Laboratory with the facilities for Pathological, Microbiological, Parasitological and Biochemical investigation of clinical cases

(h) Indoor ward along with client or farmers rooms.

(i) Ambulatory unit (complete with diagnostic and therapeutic equipments).

(j) Animal transport facility or forklift (desirable.)

(k) Night duty section with facilities for, technicians, residents and students rooms and vehicle to

transport doctors during emergencies

(l) Accommodation for staff of clinical departments and specialized services

(m) Dark room, film room, interpretation room. Computerized radiography system with accessories

(optional)

(n) Physiotherapy room

(o) Loading and unloading platform

**(xvii)LIVESTOCK FARM COMPLEX**

(a) This Department of Veterinary College shall provide the services of teaching in rearing of livestock species including poultry with the facilities of housing, feeding, breeding and management of large and small ruminant units, piggery, poultry and animals of regional interest;

record keeping; prepration of mineral mixture and storage facilities for feed and fodder;

production facilities for fodder crops; suitable accommodation for staff or students on duty.

(b) All the concerned staff on duty in this Unit shall be responsible for management including emergencies of the animals in the Livestock Farm. They shall arrange and supervise the routine

managemental practices from time to time and shall maintain records for the same. They shall

also be responsible for production activity in each of the units and these animals shall be utilized

as instructional farms for student teaching. Since poultry is an important component, person with

Poultry Science degree or person with specialization in poultry should be appointed in LFC.

(c) LFC shall have the following farm units or land for fodder production:

**A. Animal Production Management**

| | | |
|---|---|---|
| (i) | Judging Pavilion-cum- Handling Room | 1200 sq. ft. |
| (ii) | Cattle or buffalo (100) | |
| (iii) | Sheep and Goat- 50 animals each. | |
| (iv) | Piggery- 10 with one male | |

(v) Horse- Two (Male-one and Female-one)

(vi) Camel or regional animal (optional)

(vii)Fodder production and grassland management facility

(viii)LFC will have a group of 10 to 20 non productive animals for clinical or para clinical teaching, however, these animals shall not be used for invasive procedures.

B. **Avian Production Management**

(i) Poultry 1000 Layers and 1000 Broilers



(ii) Models of various systems, Pens, Cages, Runs, and Equipment.

a.Sample stock of various breeds of poultry and other avian.

b.Hatchery and chick pens.

c.Brooders.

C. **Fodder Production Management**

(i)Minimum 15 acres of land to meet the requirement for fodder for the LFC.

(ii)The housing should be as per Animal welfare requirements as per the Principles of 'Five Freedoms' for animal welfare.

(iii)Farm data room taking care of pedigree charts, stock books and other farm bio-data, farm account on income and other farm expenditure, balance sheets etc. shall be available as teaching material, preferably in computer terminals.

(14) Emphasis of veterinary education being on practical, instruction and demonstration must be carried out in small groups of 5-10 students; the number of teachers must be adequate for such instructions to be carried out effectively. Preferably two teachers should be involved in practical classes for better understanding.

(15) The teaching staff of the departments in a veterinary college shall be whole-time teachers.

(16) The number of staff requirement shown below is the minimum or critical in each department for imparting undergraduate teaching leading to Bachelor of Veterinary Science and Animal Husbandry degree. The departments having other activities like post-graduate teaching and other services attached, shall have at least two more faculty members of the rank of Associate Professor in each department as additional faculty members. (17) To ensure exposure of under-graduate students to experienced teachers, it is essential to provide adequate number of senior posts (Professor or Associate Professor) in every department. No department shall function without at least one Professor or Associate Professor.

(18) The following shall be the administration and establishment positions, namely:-

(a)Dean's Office
(b)The Dean
(c)A and AO
(d)P.A or P.S
(e)Academic Assistant
(f)Account Assistant
(g)Establishment Assistant
(h)Drivers, Messengers, Attendants, Gardeners, Sweepers, Electricians. Plumbers etc
(i)Store Purchase Unit

(19) Minimum secretarial or supporting or accounts staff should be made available to each Department or Unit in a Veterinary College as per workload and for smooth independent functioning.

(20) Radiographer for department of Surgery, Lab Technician or Audio visual technician or Artist-cum photographer or Driver or Animal Attendant-cum-Macerator or Embalmer or Lab Assistant or Lab Attendant or Animal Attendant or Attendant or Post mortem Attendant or Sweeper or Casual labour for farm practices or operations shall be as per the need and requirement of individual department.

(21) The following shall be Department-wise minimum manpower requirement, namely:-

**(i) VETERINARY ANATOMY**

(a)Professor 1



(b)Associate Professor 1

| | | |
|---|---|---|
| | (c)Assistant Professor | 2 |
| | **VETERINARY PHYSIOLOGY AND BIOCHEMISTRY** | |
| | (a)Professor | 1 |
| | (b)Associate | 1 |
| | (c)Assistant Professor | 3 |
| **(iii)** | **LIVESTOCK PRODUCTION MANAGEMENT** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 2 |
| **(iv)** | **VETERINARY MICROBIOLOGY** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 2 |
| | (d)One faculty member to be deputed semester wise on rotational basis for 3 hrs. during clinics | |
| **(v)** | **VETERINARY PATHOLOGY** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 2 |
| | (d)One faculty member for post mortem on rotational basis | |
| **(vi)** | **ANIMAL GENETICS AND BREEDING** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 1 |
| **(vii)** | **ANIMAL NUTRITION** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 1 |
| **(viii)** | **VETERINARY PHARMACOLOGY AND TOXICOLOGGY** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 1 |
| | (d)One faculty member to be deputed semester wise on rotational basis for 3 hrs. during clinics | |
| **(ix)** | **VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY** | |
| | (a)Professor | |
| | (b)Associate Professor | |



| | | |
|---|---|---|
| | (c)Assistant Professor | 1 |
| | (d)The college having separate disease diagnostic centres will have additional faculty in this department as per requirement | |

| | | |
|---|---|---|
| **(x)** | **VETERINARY PARASITOLOGY** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 2 |
| | (d)One faculty member to be deputed semester wise on rotational basis for 3 hrs. during clinics | |
| **(xi)** | **LIVESTOCK PRODUCT TECHNOLOGY** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 2 |
| | (d)One faculty member will be involved in Entrepreneurial training, milk processing etc. | |
| **(xii)** | **VETERINARY AND ANIMAL HUSBANDRY EXTENSION EDUCATION** | |
| | (a)Professor 1 | |
| | (b)Associate Professor 1 | |
| | (c)Assistant Professor 1 | |
| | (d)Extension activities and village tours | |
| **(xiii)** | **VETERINARY SURGERY AND RADIOLOGY** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 3 |
| | (d)At least two faculty members shall be involved for VCP on rotational basis and one faculty member for off hours or holidays on rotational basis | |
| **(xiv)** | **VETERINARY MEDICINE** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 3 |
| | (d)At least two faculty members shall be involved for VCP on rotational basis and one faculty member for off hours or holidays on rotational basis | |
| **(xv)** | **VETERINARY GYNAECOLOGY AND OBSTETRICS** | |
| | (a)Professor | 1 |
| | (b)Associate Professor | 1 |
| | (c)Assistant Professor | 3 |
| | (d)At least two faculty members shall be involved for VCP on rotational basis and one faculty member for off hours or holidays on rotational basis | |



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|---|---|---|
| **(xvi)** | **VETERINARY CLINICAL COMPLEX** | |
| | (a)Professor with specialization in any of the clinical subjects | 1 |
| | (b)Associate Professor (Internship)* | 1 |
| | (c)Assistant Professor Clinical Pathology for Diagnostic Laboratory | 1 |

(d)Assistant Professor (Veterinary Biochemistry) 1

(e)Assistant Professor ( Medicine-2, Surgery-1, Gynaecology-1) 4

These teachers of Pathology, Biochemistry, Medicine, Surgery and Gynaecology should be rotated in their respective departments so that they are involved in teaching but not before two years.

(f) Record Keeper cum Data Operator 1

(g)Registration Assistant 1

(h)In-charge medical store 1

(i) Compounder or Pharmacistor VLDA 4

(j) Laboratory Technician 1

(k)Radiographer 1

*Internship will be the additional duty of Assoc. Prof. Internship alongwith routine clinical duty

(l) The staff posted in VCC shall be responsible for maintaining its functionality. However, the Teaching Faculty from Surgery, Medicine and Gynaecology Departments shall also be responsible for providing all kind of services in their respective unit located in VCC on rotation. They shall also be involved during off hours and holidays as per their local needs.

**(xvii) LIVESTOCK FARM COMPLEX (LFC)**

(a)Professor with specialization preferably in Livestock Production and Management 1

(b)Assistant Professors (One each from Poultry production, Animal 6 genetics and Breedi management, Veterinary medicine and Veterinary Obstetrics and Gynaecology). These teachers should be rotated in their respective departments so that they are involved in teaching but not before two years. If the herd population exceeds the prescribed minimum required additional faculty from production subjects can be recruited.

(c)Assistant Farm Managers (One BVSc&AH and one Agriculture 2 graduate for fodder

(d)Casual labourers As per need

(e)Machine Operator or Tractor Driver As per need

(f) VLDA 2

(g)Assistant Farm Manager (Veterinary) will ensure the proper upkeep and maintenance of the farm and shall provide first aid and preliminary line of treatment for the cases at farm during off hours and holidays.

(22) The required equipments shown below are the minimum or critical in each department for imparting undergraduate teaching leading to Bachelor of Veterinary Science and Animal Husbandry degree. The sophisticated equipment be placed in cubicles for better maintenance. The departments having other activities

like post-graduate teaching, research, extension and other services attached, shall have the additional equipments on need basis.



(23) The department of Veterinary Anatomy shall have the following facilities, namely:-

1. Almirah for bones, microscope etc. As per need

| | | |
|---|---|---|
| 2. | Steel or Iron racks for bones 15 | 15 |
| 3. | Show-cases (glass panelled) for museum | 15 |
| 4. | Marble-topor S.S Top tables (with drainage)- for dissection | 10 |
| 5. | Compound microscopes | 30 |
| 6. | Binocular microscopes | 10 |
| 7. | Autoclave | 1 |
| 8 | P H meter | 1 |
| 9. | Hot air oven | 2 |
| 10. | CCTV attachment for Microscope | 1 |
| 11. | Cadaver injector | 1 |
| 12. | Deep freezer - -20$_0$ c - Horizontal | 1 |
| 13. | Digital Analytical balance | 1 |
| 14. | X- ray viewer | 2 |
| 15. | Slide warmer | 2 |
| 16. | Semiautomatic or Automatic rotary microtome | 2 |
| 17. | Tissue floatation bath | 2 |
| 18. | Histoembedder | 1 |
| 19. | Refrigerator (double door) | 1 |
| 20. | Drilling machine for skeleton mounting | 2 sets |
| 21. | Electric bone saw | 1 |
| 22. | Animal hoisting unit with hooks etc | 1 |
| 23. | Post mortem sets | 2 |
| 24. | Scissors Straight | As per need |
| 25. | Scissors Curved | As per need |
| 26. | Hand saw | As per need |
| 27. | Rib cutter | As per need |
| 28. | Forceps Large | As per need |
| 29. | Forceps small | As per need |
| 30. | Artery forceps | As per need |
| 31. | B. P Handles | As per need |
| 32. | Tennaculum | As per need |
| 33. | Plastic drums with cover | As per need |
| 34. | Plastic buckets with cover | As per need |
| 35. | Enamelled iron or Tissue disposable buckets | As per need |
| 36. | Steel racks for wet specimens | As per need |
| 37. | Enamelled trays | As per need |
| 38. | Enamelled basins | As per need |
| 39. | Slide box (100 slides) | As per need |



| | | |
|---|---|---|
| 40. | Slide Cabinet 2000 slides | As per need |
| 41. | Ice box | As per need |
| 42. | Staining jars | As per need |
| 43. | Coupling jars | As per need |
| 44. | S.S. Staining trays | As per need |

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| 45. | Glass- wares including museum jars | As per need |
| 46. | Basic equipments, instruments and fluid for embalming of ethically sourced cadevar | As per need |

(24) The Department of Veterinary Physiology and Biochemistry shall have the following facilities, namely:-

VETERINARY PHYSIOLOGY

| | | |
|---|---|---|
| 1. | Compound projection microscopes with LCD Screen 1 | 1 |
| 2. | Haemocytometer sets 20 | 20 |
| 3. | Haemoglobinometer sets | 20 |
| 4. | Microhematocrit tubes | As per need |
| 5. | Centrifuge 10000 RPM | 2 |
| 6. | Wintrobes tubes | 20 |
| 7. | Software for nerve-muscle experiments | 1 |
| 8. | Sphigmomanometers (Digitalor dial typeor Mercury) | 10 |
| 9. | Computerised Physiology Teaching software for various systems | 1 |
| 10. | Spectro photometer | 1 |
| 11. | Mono pan digital balance | 5 |
| 12. | Physiograph | 1 |
| 13. | Microkjeldahl set | 4 |
| 14. | Digestion set | 1 |
| 15. | Automatic Hematological analyser (Blood cell Counter) | 1 |
| 16. | DLC Counter | 5 |
| 17. | Hot air oven | 1 |
| 18. | Micro Haematocrit centrifuge | 1 |
| 19. | pH meter | 1 |
| 20. | Viscometer | 10 |
| 21. | Urinometer | 10 |
| 22. | E.C.G. (Portable) | 1 |
| 23. | Surface Integrator | 1 |
| 24. | Stalagmometer | 10 |
| 25. | Stethoscopes | 10 |
| 26. | Clinical Thermometer (Digital) | 10 |
| 27. | Student Microscope | 10 |
| 28. | Conway diffusion disc | 20 |
| 29. | Lux meter, Wind Vane, Anemometer, Rain Gauge, Maximum Minimum Thermometer, Sling psychrometer, Barometer, Cambell Stokes Sunshine recorder, Open pan Evaporimeter, Noise recorder, Dew point hygrometer | One each |



VETERINARY BIOCHEMISTRY

| | | |
|---|---|---|
| 1. | Laboratory Centrifuge 5000 rpm | 2 |
| 2. | Colorimeter | 1 |
| 3. | Spectrophotometer | 1 |
| 4. | Flame photometer | 1 |
| 5. | Electronic weighing balance | 4 |
| 6. | Refrigerator | 1 |

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|---|---|---|
| 7. | Deep freezer ( -20 C) | 1 |
| 8. | Paper chromatography system | 1 |
| 9. | Hot air oven | 1 |
| 10. | Hot Water bath | 2 |
| 11. | Hot plate to accommodate six conical flasks | 1 |
| 12. | Incubator | 1 |
| 13. | Micropipettes (capacity maximum 10 µl, 100 µl , 1000 µl) | 1 each |
| 14. | Fume hood | 1 |
| 15. | pH meter | 1 |
| 16. | Magnetic Stirrer | 1 |
| 17. | Vortex Mixer | 1 |
| 18. | Glassware | As per need |
| 19. | Chemicals or Reagents | As per need |
| 20. | Blood analyzer | 1 |
| 21. | Refractometer | As per need |
| 22. | Binocular microscope | 2 |

(25) The Department of Livestock Production Management shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Body brush | 1 |
| 2. | Bull holder | 1 |
| 3. | Bull leader | 1 |
| 4. | Bull nose punch | 1 |
| 5. | Bull nose ring | 1 |
| 6. | Casting ropes (10-15 mt) | 1 |
| 7. | Clinical thermometer | 1 |
| 8. | Curry comb | 1 |
| 9. | Dehorning saw | 1 |
| 10. | Dipping fork | 1 |
| 11. | Drenching equipment | 1 |
| 12. | Drinking water gag | 1 |
| 13. | Driving hammer | 1 |
| 14. | Ear or neck chain | 1 |
| 15. | Burdizzo castrator | 1 |
| 16. | Enamel tray | 1 |



| | | |
|---|---|---|
| 17. | Hair clipping machine | 1 |
| 18. | Halter | 1 |
| 19. | Hoof rasp | 1 |
| 20. | Hoof trimmer | 1 |

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|---|---|---|
| 21. | Measuring beakers | 1 |
| 22. | Measuring tape | 1 |
| 23. | Electric dehorner | 1 |
| 24. | Milk measures | 4 |
| 25. | Milk strainer | 1 |
| 26. | Milking cans | 1 |
| 27. | Milking machine | Optional |
| 28. | Milking pails | 2 |
| 29. | Muzzle prong | 1 |
| 30. | Pig catcher | 1 |
| 31. | Pincers | 1 |
| 32. | Scissors | 1 |
| 33. | Shearing machine | Optional |
| 34. | Sprayer | 1 |
| 35. | Strip cup | 1 |
| 36. | Tattooing forceps | 1 |
| 37. | Teat siphon | 1 |
| 38. | Trocar and canula | 1 |
| 39. | Drenching can or Bottle | 1 |
| 40. | Probang gag | 1 |
| 41. | Craddleor Leads | 1 |
| 42. | Feed trolies | 1 |
| 43. | Hair Clipper | 1 |
| 44. | Tractor | 1 |
| 45. | Feeder – chick | 10 |
| 46. | Feeder – Grower | 10 |
| 47. | Feeder – Layer | 10 |
| 48. | Feeder – Breeder | 5 |
| 49. | Drinker – Chick | 10 |
| 50. | Drinker – Grower | 10 |
| 51. | Drinker – Automatic | 10 |
| 52. | Drinker – Nipple | 10 |
| 53. | Drinker – Nipple with cup | 10 |
| 54. | Automatic vaccinator | 5 |
| 55. | Feeding scoop | 2 |
| 56. | Individual nest box | 2 |



| | | |
|---|---|---|
| 57. | Community nest box | 2 |
| 58. | Trap nest | 1 |
| 59. | Egg filler flats – Plastic & carboard | 50 |
| 60. | Egg tray | 100 |
| 61. | Individual egg candler | 2 |
| 62. | Brooder – Electric or Infrared or Gas or Bukhari | 2 |
| 63. | Brooder guard | 10 |

| | | |
|---|---|---|
| 64. | Hover | 5 |
| 65. | Feed grinder (Mini) | 1 |
| 66. | Feed mixer (Mini) | 1 |
| 67. | Incubator | 1 |
| 68. | Leg bands | 50 |
| 69. | Leg bands | 50 |
| 70. | Models of different housing systems | 1 |
| 71. | Model of environmentally controlled poultry house | 1 |
| 72. | Charts of different poultry breeds | 5 |
| 73. | Charts of different body parts of chicken | 2 |
| 74. | Flame gun | 1 |
| 75. | Vernier Calipers | 10 |
| 76. | Screw gauges | 10 |
| 77. | Spherometers | 10 |
| 78. | Models of different types of cages | 2 |
| 79. | Litter raker | 5 |
| 80. | Wet and dry bulb thermometer | 5 |
| 81. | Hygrometer | 1 |
| 82. | Weighing balances – 100 g; 1 kg; 5 kg; 30 kg and 200 Kgs | 1 each |
| 83. | Poultry AI instruments (Semen collection cup; inseminating syringe etc.) | 5 |

(26) The Department of Veterinary Microbiology shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Autoclave | 2 |
| 2. | Hot-air Oven | 2 |
| 3. | Seitz filter assembly including Seitz, vacuum pressure pumps etc. | 1 |
| 4. | Millipore filters | As per need |
| 5. | Students Microscopes with light source | 15 |
| 6. | Stage and ocular micrometer (for measurement of bacteria) | 5 |
| 7. | Hanging drop preparation slides with cover-slips | 30 |
| 8. | Petri-dishes 3" and 4" | As per need |
| 9. | Platinum loops | As per need |
| 10. | Bunsen burners | 20 |
| 11. | Mc'intosh and fields's anaerobic jar | 2 |
| 12. | Incubator | 2 |



| | | |
|---|---|---|
| 13. | Biological Oxygen Demand (B.O.D.) Incubator | 1 |
| 14. | Water bath | 2 |
| 15. | Deep-freeze 20 degree C | 1 |
| 16. | Photo Colorimeter | 2 |
| 17. | Ultra-violet Lamp | 2 |
| 18. | Laminar flow cabinet | 2 |
| 19. | Colony Counter | 2 |

| | | |
|---|---|---|
| 20. | ELISA test reader | 1 |
| 21. | Microtips and boxes | As per need |
| 22. | Syringes etc. | As per need |
| 23. | Scalpel, forceps, scissors etc. | As per need |
| 24. | Immuno electrophoresis apparatus | 2 |
| 25. | Centrifuge ordinary | 2 |
| 26. | Hight-speed centrifuge (16000 to 20000 rpm) | 1 |
| 27. | Refrigerated centrifuge | 1 |
| 28. | Dental drill (for egg inoculation) | 4 |
| 29. | Automatic pipette washer | 2 |
| 30. | Glass-ware, cotton wool, syringe, media, sugars, etc. | As per need |
| 31. | Egg Candler | 2 |
| 32. | Egg Incubator | 1 |
| 33. | Inverted Microscope | 1 |
| 34. | Refrigerator | 1 |
| 35. | Haemocytometer chamber | 4 |
| 36. | Micropipette (0.5-10 µl, 10-200 µl, 100-1000µl) | 1 each |
| 37. | Multichannel micropipette (10-300 µl) | 1 |
| 38. | Vortex Mixer | 1 |
| 39. | Weighing Balance | 1 |
| 40. | Magnetic Stirrer | 1 |
| 41. | Microcentrifuge | 1 |
| 42. | Blotting Apparatus | 1 |
| 43. | Agarose Gel Electrophoresis unit with Power Supply | 1 |
| 44. | Polyacrylamide Gel Electrophoresis unit with Power Supply | 1 |
| 45. | Thermocycler with UPS | 1 |
| 46. | Multi-well Microtitre plates for ELISA, haemmagglutination, Haemmagglutination-Inhibition, cell culture | As per need |
| 47. | Cell culture flasks of different sizes | As per need |

(27) The Department of Veterinary Pathology shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Binocular microscopes | 20 |
| 2. | Specimen slides of various histopathological lesions. | As per need |
| 3. | Rotary microtome, with thin sectioning facility | 1 |
| 4. | L'moulds and blocks or (for embedding)or Tissue capsules | As per need |



| | | |
|---|---|---|
| 5. | Paraffin flotation bath (temp. Control 55-650C) | 2 |
| 6. | Hot air oven | 1 |
| 7. | Refrigerator | 2 |
| 8. | Slide cabinet 1000 capacity | As per need |
| 9. | Slide boxes – 100 capacity | As per need |
| 10. | Staining jars, coupling jars, bottles etc. | As per need |
| 11. | Tissue cutting boards | 2 |
| 12. | Racks for specimen jars, bottles etc. | 20 |

| | | |
|---|---|---|
| 13. | Specimens jars, wide-mouthed bottle | As per need |
| 14. | Hot Air oven (Temp. 250C) | 2 |
| 15. | Autopsy table for small animals | 1 |
| 16. | Post Mortem instruments or equipments such as knives, scissors, chisels, saw rib cutter, scalpels with blade (assorted), shears, bone cutter, saw, sharpener, etc. | 5 each |
| 17. | Protective wear (gloves, rubber apron, goggles, gum-boots, marks & cap) | As per need |
| 18. | Carcass trolley | 1 |
| 19. | Microtome knife & knife sharpener | 1 |
| 20. | Monopan digital balance | 1 |
| 21. | Plastic tubs & buckets with lid for specimen collection and transport | As per need |
| 22. | Cold room unit | Optional |
| 23. | autoclave | 1 |
| 24. | Centrifuge | 1 |
| 25. | Wintrobe tube with racks | 5 |
| 26. | Haemocytometer | 15 |
| 27. | Phase contrast microscopes | 1 |
| 28. | Cryostat (microtome) | Optional |
| 29. | Mechanical cell counter for DLC | 5 |
| 30. | Microhaematocrit centrifuge and reader | 1 |
| 31. | Westergren tube with racks | 5 |
| 32. | Defreeze (-200C)for small animals and specimens | 1 |

(28) The Department of Animal Genetics and Breeding shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Centrifuge- | 1 |
| 2. | Microscopes | 20 |
| 3. | Phase contrast microscope | 1 |
| 4. | Slide Boxes | As per need |
| 5. | Specimen racks, almirahs | 1 |
| 6. | Storage boxes for charts, diagrams etc. | As per need |
| 7. | Computer lab with minimum 15 to 20 computers | 1 |

(29) The Department of Animal Nutrition shall have the following facilities, namely:-



| | | |
|---|---|---|
| 1. | Wiley Mill | 1 |
| 2. | Hot air oven | 2 |
| 3. | Hot plate bench (CF estimation) | 1 |
| 4. | Electronic Monopan balance | 3 |
| 5. | Muffle furnace | 1+1=2 |
| 6. | Desiccator | 6 |
| 7. | Suction pump | 1 |

| | | |
|---|---|---|
| 8. | Kjeldhals digestion system | 2 |
| 9. | Kjeldhals distillation system | 2 |
| 10. | Soxhlet apparatus set | 1 |
| 11. | Water bath | 1 |
| 12. | Hot plate | 2 |
| 13. | Feed Plant (desirable) | 1 |

(30) The Department of Veterinary Pharmacology and Toxicology shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Isolated tissue bath with accessories | 2 |
| 2. | Observation cages for rats and mice | 10 each |
| 3. | Small animal weighing balance | 1 |
| 4. | Monopan electronic balance | 5 |
| 5. | Binocular microscopes | 2 |
| 6. | Spectrophotometer | 1 |
| 7. | Centrifuge (3000 RPM) | 1 |
| 8. | Marble slabs | 30 |
| 9. | Spatula (iron, plastic, and ebonite) | 30 |
| 10. | Mortar and pestle (porcelain and glass) | 30 |
| 11. | Measuring glasses, cylinder of various sizes | 30 |
| 12. | pH meter (digital) | 1 |
| 13. | Vortex shaker | 5 |
| 14. | Surgical instruments pack | 2 |
| 15. | Photoactometer | 1 |
| 16. | Antibiotic zone reader | 1 |
| 17. | Hot Plate Analgesiometer | 1 |
| 18. | Rotarod or treadmill for mice | 1 |
| 19. | Vernier caliper | 1 |
| 20. | Plethysmometer | 1 |
| 21. | Laminar flow or biosafety cabinet | 1 |
| 22. | Incubator | 1 |
| 23. | Autoclave | 1 |
| 24. | Rat holder | 20 |
| 25. | Hot air oven | 1 |
| 26. | Metallic or enameled trays | 25 |



| | | |
|---|---|---|
| 27. | Refrigerators | 2 |

(31) The Department of Veterinary Public Health And Epidemiology shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Binocular microscope | 10 |
| 2. | Serologic water baths | 2 |
| 3. | pH meter | 2 |
| 4. | Spectrophotometer | 1 |
| 5. | Centrifuge | 1 |

| | | |
|---|---|---|
| 6. | Lovibond or equivalent comparator with phosphatase and resazurin disc | 1 set |
| 7. | Colony counter | 2 |
| 8. | Burners | 10 |
| 9. | Balance | 1 |
| 10. | Electronic balance | 2 |
| 11. | Autoclave | 2 |
| 12. | Hot-air oven | 2 |
| 13. | B.O.D. incubator | 1 |
| 14. | Incubators | 3 |
| 15. | Micropipettes (and tips as required) | 12 |
| 16. | Deep freeze -20 $^{o}$C | 1 |
| 17. | Laminar flow | 2 |
| 18. | Air sampler | 1 |
| 19. | Data processing and programming units with networking | 10 |
| 20. | Laboratory Refrigerators 500 L | 3 |
| 21. | Sample Bag Mixer | 1 |
| 22. | Water analysis system | 1 |
| 23. | Microplate or ELISA reader | 1 |
| 24. | Tissue homogenizer | 1 |
| 25. | High performance liquid chromatography with accessories | 1* |
| 26. | Gas chromatography unit complete with all accessories | 1* |
| 27. | Atomic absorption spectrophotometry with all accessorie | 1* |
| 28. | Rotary shaker | 1 |
| 29. | Somatic cell counter | 1 |
| 30. | Vortex shaker | 3 |
| 31. | Magnetic stirrer | 3 |
| 32. | Biosafety cabinet level II | 1 |
| 33. | *These facilities may be shared with other departments or central instrumentation or central laboratories. | |

(32) The Department of Veterinary Parasitology shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Autoclave | |



| | | |
|---|---|---|
| 2. | Hot air oven | 1 |
| 3. | Refrigerator | 2 |
| 4. | Binocular microscope with high power Oil immersion with light attachment | 30 |
| 5. | Phase Contrast Microscope | 1 |
| 6. | Centrifuge | 4 |
| 7. | Multiple eyepiece demonstrator or Multihead Microscope | 1 |
| 8. | Eyepiece comparison | 1 |
| 9. | Slide cabinet | 3 |
| 10. | Slide Boxes 15 | |

| | | |
|---|---|---|
| 11. | Desiccators | 3 |
| 12. | Total Counter | 2 |
| 13. | Dissection Set | 5 |
| 14. | Stereoscope 15 | |
| 15. | Stereo zoom microscope | 1 |
| 16. | Mc Master Slide 10 | |
| 17. | Baermann's Apparatus | 5 |
| 18. | Deep Freezer | 1 |
| 19. | Trinocular microscope | 1 |
| 20. | Sweeping net or Fly catching net | As per need |
| 21. | Insect Killing Jar | -do- |
| 22. | Light traps | -do- |
| 23. | Insect Boxes | -do- |
| 24. | Spray pump | -do- |
| 25. | Weighing Balance (digital) | -do- |
| 26. | Micrometer Stage | -do- |
| 27. | Micrometer - Eye piece | -do- |
| 28. | Aspirator | -do- |
| 29. | Insect rearing cages | -do- |
| 30. | Staining rack | -do- |
| 31. | Digital pH meter | -do- |
| 32. | Museum racks | -do- |
| 33. | Steel almirah (Big size) for storing microscope | -do- |
| 34. | Digital Camera | 1 |
| 35. | BOD Incubator | 1 |

(33) The Department of Livestock Products Technology shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Abbe Rofrectometer | 1 |
| 2. | Autoclave | 1 |
| 3. | Balance for weighing birds | 1 |
| 4. | Butchering sets (knives etc.) | 5 |
| 5. | Butter churners | 1 |



| | | |
|---|---|---|
| 6. | Butyrometer | 50 |
| 7. | Cream separator | 1 |
| 8. | Deepfreeze | 1 |
| 9. | Electronic monopan balance | 1 |
| 10. | Impulse sealer | 1 |
| 11. | Food processor | 1 |

| | | |
|---|---|---|
| 12. | Gerber's centrifuge | 1 |
| 13. | Hot air oven | 2 |
| 14. | Hot water bath | 1 |
| 15. | Meat mincing machine | 1 |
| 16. | pH meter digital | 2 |
| 17. | Pressure cooker | 2 |
| 18. | Refrigerator | 1 |
| 19. | Sausage filler | 1 |
| 20. | Small animal balance | 1 |
| 21. | Student microscope | 1 |
| 22. | Electrical Stunning device | 1 |
| 23. | Bleeding cone | 2 |
| 24. | Scalding Tank | 1 |
| 25. | Defeathering machine | 1 |
| 26. | Evisceration Table | 1 |
| 27. | Portioning machine | 1 |
| 28. | Vernier Calliper | 10 |
| 29. | Ermascope | 1 |
| 30. | Lactometer | 50 |
| 31. | Screw gauze | 10 |
| 32. | Spherometer | 10 |
| 33. | Captive bolt pistol | 1 |

(34) The Department of Veterinary and Animal Husbandry Extension Education shall have the following facilities, namely:-

1. Overhead Projector with Screen 72"×96"
2. LCD projector with screen
3. Multimedia Projector
4. Visualizer
5. Public address system
6. Computer lab with internet facilities
7. Interactive Board
8. Interactive Panel
9. Digital camera
10. Video Camera (HD)
11. Vehicle for field visit (35 seaters)



| | | |
|---|---|---|
| 12. | Digital Audio Recording Unit with accessories and software | 1 |
| 13. | Video editing Unit with software | 1 |
| 14. | LED 50" Monitor | 1 |

(35) The Department of Veterinary Surgery and Radiology shall have the following facilities

| | | |
|---|---|---|
| 1. | Operation table for small animals stainless steel top | 2 |
| 2. | Small animal preparation tables stainless steel top | 2 |
| 3. | Dressing drums (small) | 5 |
| 4. | Dressing drums (large) | 4 |

| | | |
|---|---|---|
| 5. | Instrument or syringe sterilizers | 3 |
| 6. | Stainless steel trays 12”x15”xor15”x18” | 6 |
| 7. | Stainless steel trays 8”x10” | 8 |
| 8. | Scissors 8”or10” clipping | 2 |
| 9. | Scissors dressing | 4 |
| 10. | Forceps cheatle | 4 |
| 11. | Lamps (shadow-less) | 4 |
| 12. | Intravenous drip stands | 8 |
| 13. | Foot or Elbow soap dispenser | 4 |
| 14. | Mouth Gag (Small Animal) | 4 |
| 15. | Mouth Gag (Large Animal) | 2 |
| 16. | Endotracheal tubes (cuffed and non-cuffed) (Small Animals) | 6 |
| 17. | Endotracheal tubes (cuffed and non-cuffed) (Large Animals) | 2 |
| 18. | Small animal anaesthetic machine with aporizer | 1 |
| 19. | Large animal anaesthetic machine with vaporizer | 1 |
| 20. | Ambu’s respirator | 1 |
| 21. | Electrocardiogram battery operated or portable | 1 |
| 22. | Catheters, manometers etc. | As per need |
| 23. | Cotton tapes for control of animals | As per need |
| 24. | Positioning pads | 4 |
| 25. | Surgical pack for small animals | As per need |
| 26. | Surgical pack for large animals | As per need |
| 27. | Gloves and other rubber wares | As per need |
| 28. | Trevis for calves, adult ruminants, horse etc. | As per need |
| 29. | Large animal trolley-cum-operation tables | As per need |
| 30. | Operation tables for calves with drain | As per need |
| 31. | Autoclave | 2 |
| 32. | Instrument cabinets | As per need |
| 33. | Orthopedic instruments Complete set for pinning and plating | 1 |
| 34. | Ophthalmic instruments o rscopes etc. | One set |
| 35. | Dental instruments for Large and small animals | One set for each |
| 36. | Teat and udder instruments | As per need |



| | | |
|---|---|---|
| 37. | Complete Endoscopy unit (rigid and flexible) | 1 unit |
| 38. | Laparoscopy unit | 1 unit |
| 39. | Refrigerator | 2 |
| 40. | Weighing instruments or scale | 1 set |
| 41. | Biopsy instruments | 1 |
| 42. | Electro surgery units | As per need |
| 43. | Cautery sets | 1 |
| 44. | Electric stimulat or sorgalvanize, faradic etc. | As per need |
| 45. | Short-wave or micro-wave diathermy unit with disc pad and coil electrodes | 1 |
| 46. | Ultra-sonic stimulat or sortherapy units | 1 |

| | | |
|---|---|---|
| 47. | X-ray unit 500 Ma, 150 Kvp over-head trolley model | 1 |
| 48. | X-ray unit trolley model with 'C' arms fluoroscope, image-intensifier | 1 (Optional) |
| 49. | Spot-films, video-recording and image freezing facility | 1(Optional) |
| 50. | Ultra-sonic diagnostic unit with video recorder | 1(Optional) |
| 51. | Ultraviolet lamp | 1 |
| 52. | Infra-red lamps | 1 |
| 53. | X-ray accessories, cassettes, film-carrier, dividers, grids, Intensifying screens (rare-earth preferred). | As per need |
| 54. | Protection gadgets (film-badges, lead gloves, lead aprons, goggles, lead screens) | As per need |
| 55. | Dark-room accessories (processing tank, dryer, hangers, Safety lamps, filmstorage box, film-exchange windows, speaking grill, dark-room exhaust etc. | As per need |
| 56. | Animal transport trolley for large animals | 1 (Optional) |
| 57. | Stretcher for small animals | 1 |
| 58. | Glass-ware, syringes, drugs, medicine, etc. | As per need |
| 59. | X-ray film viewers | 4 |
| 60. | X-ray film museum with film record-racks | 1 |
| 61. | Different equipment for restraining of animals | 1 set |
| 62. | Computerized Radiography system with accessories | 1 (Optional) |
| 63. | Laryngoscopes for small animals | 1 |
| 64. | Laryngoscopes for large animals | 1 |
| 65. | Multiparameter monitors for small animal or Vital signs monitor for small animals | 1 (Optional) |
| 66. | Multiparameter monitors for large animal or Vital signs monitor for large animals | 1 |
| 67. | Otoscope | 1 (As per ne |
| 68. | Trephiner | 2 |
| 69. | Weingarth's Rumenotomy set | 2 |
| 70. | Probang | 2 |
| 71. | Naso-gastric tube | 2 |



| | | |
|---|---|---|
| 72. | Tracheotomy tubes | 2 |
| 73. | Muscle retractors | 2 |
| 74. | Gastric clamps | 2 |
| 75. | Intestinal clamps | 2 |
| 76. | Hobbles set | 1 set |
| 77. | Suction apparatus | I |
| 78. | Patient heating device | 1 (Optional) |
| 79. | Electrical clippers | 2 |
| 80. | Ultrasound Dental scaler | 1 |
| 81. | Fluid warmer | 1 |
| 82. | Infusion pump | 1 (As per need) |
| 83. | Ethylene oxide sterilizer | 1 |

| | | |
|---|---|---|
| 84. | Hoof instruments | 1 set |

(36) The Department of Veterinary Medicine shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Microscopes – bionocular | 10 |
| 2. | Centrifuges ordinary | 2 |
| 3. | Animal weighing balance | As per need |
| 4. | Electronic monopan balance | 2 |
| 5. | Digital pH meters | 2 |
| 6. | Microhaematocrit centrifuge with tube set | 1 |
| 7. | Incubators | 1 |
| 8. | Hot-air Ovens | 1 |
| 9. | Water baths | 1 |
| 10. | Dark field microscope | 1 |
| 11. | Autoclave | 1 |
| 12. | B.O.D. Incubator | 1 |
| 13. | Stethoscopes with multiple ear-pieces | 3 sets |
| 14. | Beaker, flask, pipettes etc. | As per need |
| 15. | Examination Table for Small Animals – Stainless steel | 6 |
| 16. | Drip stands | 8 |
| 17. | Vernier calliper | 5 |
| 18. | Tuberculin syringe | 10 |
| 19. | Neubauer slides | 10 |
| 20. | Electrophoresis unit | 1 |
| 21. | Refractometer | 3 |
| 22. | Elisa reader | 1 |
| 23. | Thermocycler | 1 |
| 24. | Micropipettes assorted | 3 x 5 |
| 25. | Laminar flow | 1 |
| 26. | Electrical conductivity meter | 2 |



| | | |
|---|---|---|
| 27. | Dart gun | 1 |
| 28. | Endoscopy Unit | 1 set |
| 29. | Ophthalmoscope direct hand held | 3 |
| 30. | Otoscope | 2 |
| 31. | BP Apparatus | 2 |
| 32. | Vital signs monitor | 1 |
| 33. | Infusion Pump | 1 |
| 34. | Cooling centrifuge | 1 |
| 35. | Refrigerator | 2 |
| 36. | Deep Freezer | 1 |
| 37. | Biochemical auto analyzer | 1 |
| 38. | Electrolyte analyzer | 1 |
| 39. | Urine analyzer | 1 |
| 40. | Clinical haematology analyzer | 1 |
| 41. | ECG machine | 2 |

| | | |
|---|---|---|
| 42. | Ultrasonography | 1 |
| 43. | Oxygen saturator | 1 |
| 44. | High speed centrifuge | 1 |
| 45. | Gradiant PCR | 1 |
| 46. | Rumen Fluid extraction pump | 1 |
| 47. | Suction Pump | 1 |
| 48. | Urinometer | 5 |
| 49. | Biopsy needles | As per need |
| 50. | Mouth Gag | 2 |
| 51. | Stomach tube | 6 |

(37) The Department of Veterinary Gynaecology and Obstetrics shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Examination table for small animals | 04 |
| 2. | Intravenous stand | 04 |
| 3. | Instrument trolley | 02 |
| 4. | Instrument cabinet | 02 |
| 5. | Vaginal speculum for different species of animals | 02 no. each |
| 6. | Uterine biopsy catheter | 02 |
| 7. | Ultrasound machine with multi frequency, colour Doppler with rectal and abdominal probe | 01 |
| 8. | Enema can | 02 |
| 9. | LN2 containers portable and Large capacity(3L,5L,20L) | 01 each |
| 10. | Auto clave | 01 |
| 11. | Hot air oven | 01 |
| 12. | Obstetrical Sets for large and small animals | 1 each |
| 13. | Binocular student microscope | 25 |
| 14. | Haemocytometer | 25 |



| | | |
|---|---|---|
| 15. | Inverted microscope | 01 |
| 16. | Phalton Box | 01 |
| 17. | Artificial vaginal for semen collection in different species of animals | 10sets |
| 18. | Electro ejaculator for different species (Bull, Ram, Dog) each | 02 |
| 19. | Semen filling, Printing and sealing equipment | 01(Optional) |
| 20. | Semen freezing container | 01(Optional) |
| 21. | Latex liner, cone, insulation bag for AV | 02 |
| 22. | Refrigerators | 01 |
| 23. | AI Guns for different species | 04 set each |
| 24. | pH meter | 01 |
| 25. | glass wares and Chemicals and Stains as required | 01 |
| 26. | Specimen jars | 40 |
| 27. | Slide warmer | 01 |
| 28. | Deep freezer | 01 |
| 29. | Intrauterine catheters | 10 |

| | | |
|---|---|---|
| 30. | Urinary catheter | 04 |
| 31. | Table for Genitalia palpitation | As per need |

(38) The Veterinary Clinical Complex shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1 | Travis-Large Animal | 5 |
| 2 | Travis -Equine | 1 |
| 3 | Wheelbarrow | 4 |
| 4 | Drip stands 20 | |
| 5 | Dart gun | 2 |
| 6 | Hydraulic examination table-small and large animals | 1+4 |
| 7 | Examination tables for Small Animal | 4 |
| 8 | Instrument trolleys | 8 |
| 9 | LED projector with Computer System | 1 |
| 10 | Stretchers for Dogs or Cats | 3 |
| 11 | Movable Slings –Large Animal | 2 |
| 12 | Movable Slings- Small Animal | 2 |
| 13 | Weighing machine for small and large animals | 1 each |
| 14 | Temperature controlled Room for Hyperthermic or hypothermic patients | 1 |
| 15 | Stretchers for small animals | 2 |
| 16 | Intensive care unit (for small & Large animals) | 1+1 |
| 17 | Hydrolic lift | 1 |

(39) The Medicine Section shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Stethoscopes with multiple ear piece | 6 sets |
| 2. | CMT paddles with reagents | 3 sets |
| 3. | Mouth gag- large Animal | 3 |



| | | |
|---|---|---|
| 4. | Mouth gag- Small Animal | 2 |
| 5. | Nasogastric tubes- Horse | 3 |
| 6. | Stomach tubes (For Ruminants) | 3 |
| 7. | Stomach tubes (For Dogs or Cats) | 3 |
| 8. | Trochar and canula | 5 |
| 9. | Phonendoscopes | 4 |
| 10. | Pleximeters and percussion hammers | 4 |
| 11. | Electrocardiogram (Portable Model) | 1 |
| 12. | Blood pressure apparatus | 3 sets |
| 13. | Opthalmoscope direct hand held | 2 |
| 14. | Otoscopes | 2 |
| 15. | Laryngoscopes | 2 |
| 16. | Oesophagoscopes | 2 |
| 17. | Tracheoscopes | 2 |

| | | |
|---|---|---|
| 18. | Haemodialysis unit | As per area need |
| 19. | Refrigerator | 1 |
| 20. | Stainless steel strilizer | 1 |

(40) The Gynaecology Section shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Oestrus detector | 5 |
| 2. | Vaginal speculum for different species of animals | As per area need |
| 3. | Uterine biopsy catheter | 01 |
| 4. | Ultrasonography machine with rectal and abdominal probe | 01 |
| 5. | $LN_2$ containers portable and large capacity (3L, 5L, 20L) | 1 each |
| 6. | Vaginoscope | 1 |
| 7. | Obstetrical instruments | 3 sets |
| 8. | Fetotomy instrument (Thygeson's fetotome) | 2 set |
| 9. | Embryotomy knife | 2 |
| 10. | Wire saw guider | 2 |
| 11. | Snares (1.5 meters long) | 10 |
| 12. | Long and short handle analoreye hook | 2 for each |
| 13. | Wire saw | As per need |
| 14. | AI guns for different species | As per area need |
| 15. | Specimen jars | 30 |
| 16. | Intrauterine catheter | 05 |
| 17. | Urinary catheter | 05 |
| 18. | Biological incubator for neonatal calf | 01 |



| | | |
|---|---|---|
| 19. | Suction pump for uterine fluid | 01 |
| 20. | Surgical packs for small and large animal caesarean section | 5 each |
| 21. | Hind Quarter elevator | 1 |

(41) The Surgery Section shall have the following facilities, namely:-

| | | |
|---|---|---|
| 1. | Endoscopy unit | 2 |
| 2. | Infusion pump | 1 |
| 3. | Oxygen saturator | 1 |
| 4. | Rumen Fluid Suction pump | 1 |
| 5. | Shadow less OT lights | 2 |
| 6. | Small animal preparation tables stainless steel top | 2 |
| 7. | Dressing drums (small) | 8 |
| 8. | Dressing drums (Large) | 4 |
| 9. | Instrument orsyringe sterilizers | 3 |
| 10. | Stainless steel tray 12" ×15" ×or15×18" | 6 |
| 11. | Stainless steel tray 8" ×10" | 8 |
| 12. | Scissors 8"or10" clipping | 2 |
| 13. | Lamps(Shadow-less with LED light) | 2 |

| | | |
|---|---|---|
| 14. | Foot or Elbow soap dispenser | 4 |
| 15. | Endotracheal tubes (cuffed and non-cuffed) (Small Animals) | 6 |
| 16. | Endotracheal tubes (cuffed and non-cuffed) (Large Animals) | 4 |
| 17. | Small animal anaesthetic machine with vaporizers | 1 |
| 18. | Large animal anaesthetic machine with vaporizers | 1 |
| 19. | Ambu's respirator | 2 |
| 20. | Electrocardiogram battery operated or portable | 1 |
| 21. | Catheters , manometers etc. | As per need |
| 22. | Positioning pads | 8 |
| 23. | Surgical pack for small animals | 6 |
| 24. | Surgical pack for Large animals | 8 |
| 25. | Operation tables for calves with drain | 2 |
| 26. | Autoclave | 2 |
| 27. | Instruments cabinets | 4 |
| 28. | Orthopedic instruments complete set for pinning and plating | 2 |
| 29. | Ophthalmic instruments or scopes etc. | As per area need |
| 30. | Dental instrument for large and small animals. | One set for each |
| 31. | Teat and udder instruments | 2 set or as per need |
| 32. | Electro surgery unit | |



| | | |
|---|---|---|
| 33. | Cautery sets | 2 |
| 34. | Short wave or micro-wave diathermy unit with disc pad and coil electrodes | 1 |
| 35. | Ultra-sonic stimulators or therapy units | 1 |
| 36. | Ultrasonography machine | 1 |
| 37. | Ultraviolet lamp | 1 |
| 38. | Infra-red lamps | 1 |
| 39. | X-ray film viewers | 2 |
| 40. | Computerized radiography system with accessories | 1 |
| 41. | Laryngoscope for small animals | 1 |
| 42. | Laryngoscope for large animals | 1 |
| 43. | Trephiner | 2 |
| 44. | Weingarth's Rumenotomy set | 6 |
| 45. | Muscles retractors | 2 |
| 46. | Gastric clamps | 2 |
| 47. | Intestinal clamps | 2 |
| 48. | Hobbles set | 2 |
| 49. | Different size of cannula (For large and small animal) | As per need |
| 50. | Dog catching net | 10 |
| 51. | Food and water bowl for dogs | 10 |

(42) The Veterinary Diagnostic Laboratory shall have the following facilities, namely:-

1. Haemocytometers
2. Haemoglobinometers
3. Centrifuge (ordinary)
4. Microhaematocrit centrifuge with tubes set
5. Microscope (Compound-Binocular)
6. Glasswares
7. Biopsy needles
8. Electrical conductivity meter for mastitis
9. Laminar Flow
10. Incubator (Normal +BOD)
11. Deep freezer (-20$_o$C)
12. Hot Air Oven
13. Refrigerator
14. Autoclave
15. Microwave Oven
16. pH meter (Digital type)



17. Common Balance
18. Electronic monopan Balance
19. Microscope with Projector for te
20. Vernier Calliper
21. Neubauer slides
22. Micropipettes (Assorted)
23. Biochemical Auto analyser
24. Electrolyte Analyzer
25. Urine Analyzer
26. Clinical haematology analyser
27. Diagnostic Kits for Infectious pa
28. Magnetic stirrer
29. Vortex Mixer

(43) The Livestock Farm Complex shall have the following facilities, namely:-

1. Sprayer
2. Shearing and clipping equipment
3. Debeaking equipment
4. Tattooing set tags
5. A I equipment (different species)
6. Egg Candler
7. Incubator (Hatchery)
8. Battery Brooder

9. Trap nest
10. Egg Grading Machine
11. Milking Machine Set
12. Chick sexing machine
13. Automatic scalder
14. Vernier Callipers
15. Screw Gauge
16. Maximum-Minimum Thermometer
17. Psycho-meter
18. Hair Hygrometer
19. Milking cans
20. Milking piles
21. Milk measures
22. Cream separator
23. Butter churns
24. Branding set
25. Castrator (for different species)

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26. Electric clipper 1
27. Tractor, Farm Equipment and Implement, Machinery like chaff cutter etc. As per need
28. Microchip reader 1

**PART VII**

**GRADING SCHEME FOR VETERINARY COLLEGES**

23. **Score sheet for calculating the weightage of the available physical facilities and manpower at a veterinary college as per the MSVE Regulations to be evaluated by the council on the basis of the inspection conducted under section 19 of the IVC Act'84.**

| Sl. No. | Indicators for the Assessment | Maximum Score | Score Obtained |
|---|---|---|---|
| 1. | INFRASTRUCTURE | 500 | |
| | (a)Total land available<br>Score will be given proportionate to the fulfillment of Veterinary Council of India specifications, Quality of Construction, Cleanliness and Beautifications of the Campus<br>(may be scored on the basis of requirement<br>Fulfilling the standard space or more – score of 40<br>Just Fulfilling the standard space – score of 30<br>Less than the standard space – score of 20) | 40 | |
| | (b)Building of the college<br>Fulfilling the standard space or more – score of 50<br>Just Fulfilling the standard space – score of 40 Less than the standard space – score of 30 | 50 | |
| | (c)Veterinary college<br>• Government or Own building and land. – score of 50<br>• On lease – score of 40<br>• On shared basis – score of 20 | 50 | |

| | | | |
|---|---|---|---|
| | (d)Veterinary Clinical Complex (VCC)<br>• Government or Own building and land – score of 50<br>• Outreach center – score of 40<br>• On lease – score of 30<br>• On shared basis – score of 20 | 50 | |
| | (e)Livestock Farm Complex (LFC)<br>• Government or Own building and land – score of 50<br>• On lease – score of 40<br>• On shared basis – score of 20 | 50 | |
| | (f)Library<br>•Space and seating capacity: Max Score 15<br>•Number of books: Max Score 15<br>•Number of periodicals or journals or reports: Max Score 5<br>•Computer or internet facilities: Max Score 10<br>•Reprographic facilities: Max Score 5 | 50 | |
| | (g)Hostel<br>(a) Facilities for No. of student accommodation Max. Score: 20<br>80% and above – 20<br>70 – 79% – 10<br>40 – 69% – 5<br>(b) Amenities in hostel Max. Score: 10 | 30 | |



| | | | |
|---|---|---|---|
| | (h)Common facilities<br>(a)No. of Classrooms with seating capacity and audiovisual aids - Max. Score: 5<br>(b)Auditorium - Max. Score: 5<br>(c)Examination Hall - Max. Score: 5<br>(d)Central Instrumentation facility - Max. Score: 5<br>(e)Experimental animal unit - Max. Score: 5<br>(f) Seminar or Conference Room - Max. Score: 5<br>(g)Transport facilities - Max. Score: 5<br>(h)Central College Diagnostic Lab.- Max. Score: 5<br>(i) Maintenance Unit - Max. Score: 5<br>(j) Sports grounds - Max. Score: 5 | 50 | |
| | (i)Residential accommodation<br>For staff and for essential or emergency service of LFC & VCC<br>80% and above – 30<br>70 – 79% – 20<br>40 – 69% – 10 | 30 | |

| | | | |
|---|---|---|---|
| | (j)Laboratory space availability<br>(a)Laboratory space: Max. Score: 50<br>80-100% of recommended space - 40-50<br>70-79% of recommended space - 30<br>60-69% of recommended space - 20<br>50-59% of recommended space - 10<br><50% of recommended space - 5<br>(b) Laboratory equipment: Max. Score: 50<br>80-100% of recommended equipment 40-50<br>70-79% of recommended equipment 30<br>60-69% of recommended equipment 20<br>50-59% of recommended equipment 10<br><50% of recommended equipment 5 | 100 | |
| 2. | LIVESTOCK FARM COMPLEX | 100 | |
| | Total farm land area, Max. Score: 25<br>80-100% as recommended by Veterinary Council of India - 25<br>70 – 79% as recommended by Veterinary Council of India - 20<br>60 – 69% as recommended by Veterinary Council of India - 15<br>50 – 59% as recommended by Veterinary Council of India - 10<br><50% as recommended by Veterinary Council of India - 5<br>Species-wise no. of livestock, Max. Score: 50<br>80-100% as recommended by Veterinary Council of India - 50<br>70 – 79% as recommended by Veterinary Council of India - 40<br>60 – 69% as recommended by Veterinary Council of India - 30<br>50 – 59% as recommended by Veterinary Council of India - 20<br><50% as recommended by Veterinary Council of India - 10<br>Major farm implements, fodder production Max. Score: 25 80-100% as recommended by Veterinary Council of India - 25 70 – 79% as recommended by Veterinary Council of India - 20 | | |



| | | | |
|---|---|---|---|
| | 60 – 69% as recommended by Veterinary Council of India - 15<br>50 – 59% as recommended by Veterinary Council of India - 10<br><50% as recommended by Veterinary Council of India - 5 | | |
| 3. | VETERINARY CLINICAL COMPLEX | 100 | |
| | (a) Average numbers of cases per month: Max. Score: 40<br>> 500 case - 40<br>400-499 - 30<br>300-399 - 20<br>200-299 - 10<br><200 - 5<br>(b) Indoor patient facilities: Max. Score: 20<br>(c) Diagnostic facilities: Max. Score: 20<br>(d) Ambulatory services: Max. Score: 20 | | |
| 4 | MANPOWER | 500 | |
| | 1.Teaching | | |

| | | | |
|---|---|---|---|
| | (a) Number of faculty in position: Max. Score: 250<br>80 and above 250<br>70 - 80 225<br>65 - 70 200<br>60 - 64 175<br>55 - 59 150<br>50 - 54 125<br>45 – 49 100<br>< 40 50 | 250 | |
| | (b)Faculty with Ph. D. qualification: Max. Score: 100<br>90-100% Score: 100<br>80-89% Score: 90<br>70-79% Score: 80<br>60-69% Score: 70<br>50-59% Score: 60<br><50% Score: 50 | 100 | |
| | (c)Per cent of total faculty attended 7-21 days trainings or workshop in the 5 years: Max. Score: 30<br>80-100% Score: 30<br>70-79% Score: 25<br>60-69% Score: 20<br>50-59% Score: 15<br>< 50% Score: 10 | 30 | |
| | (d)Papers published and awards and distinctions by faculty in a year during preceding 5 years: Max. Score: 20<br>2orFaculty Score: 20<br>1orFaculty Score: 15<br><1orFaculty Score: 10 | 20 | |
| | 2.Non-teaching Technical and Secretarial<br>(Details to be decided for graded scores) | 100 | |



| | | | |
|---|---|---|---|
| 5. | INTERNSHIP | 100 | |
| | (a)Places of postings & duration (if as per Veterinary Council of India) Max. Score: 30<br>(b) No. of clinical cases dealt by a class or year Max. Score: 30<br>1500 cases & above - 30<br>1200 – 1499 - 25<br>1000 – 1199 - 15<br><1000 - 0<br>(c) Farm to which a batch is exposed – Max. Score: 10<br>(d)Visit to LPT or BP Unit or Zoo or DI activities etc – Max. Score: 10<br>(e)Entrepreneurial training - Max. Score: 20 | | |
| 6. | ACADEMIC ACTIVITIES | 50 | |
| | Following of prescribed syllabus - Max Score – 10<br>Following of prescribed calendar - Max Score – 10<br>Academic atmosphere - Max Score – 10<br>Innovative teaching methodologies - Max Score – 10<br>Alternate use of animals - Max Score – 10 | | |

| | | | |
|---|---|---|---|
| 7. | EXAMINATION | 20 | |
| | Examination conducted as per Veterinary Council of India Regulations Max. Score: 20<br>Any deviation in any component shall lead to deduction by 50% score | | |
| 8. | ACADEMIC PERFORMANCE | 100 | |
| | (a)Percentage of pass or fail - Max. Score: 10<br>(b)Percentage of student scoring OGPA more than 7or10 in final Bachelor of Veterinary Science and Animal Husbandry - Max. Score: 10<br>(c)Percentage of students selected for national fellowships for PG programmes in Veterinary Sciences or other competitive examinations - Max. Score: 40<br>(d) Percentage of students selected for jobs - Max. Score: 40 | | |
| 9. | EXTRACURRICULAR ACTIVITIES | 15 | |
| | Awards received in Inter-university or State or National or International Competitions<br>Score will be given according to the actual achievement | | |
| 10. | ANY OTHER INSTITUTION SPECIFIC ACTIVITIES | 15 | |
| | CVE or Refresher course or other trainings Max. Score: 20<br>Symposium or Seminar or Workshop or Kisan Mela etc. Max. Score: 10 | | |

| Scheme of grading | | |
|---|---|---|
| | 1200 to 1500 | A |
| | 900 to 1199 | B |
| | 600 to 899 | C |
| | 300 to 599 | D |

Name & signature — Name & signature — Name & sign

Inspector 1 — Inspector 2 — Inspector

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**Annexure – I** Serial No. ----------

Admn. No. ----------

**(NAME OF THE DEGREE AWARDING UNIVERSITY)**

**SEAL**

**TRANSCRIPT**

| | | | | | | |
|---|---|---|---|---|---|---|
| | **Name:** ---------- **Father's Name**: ---------- | | | | | |
| | **Name of College:** College of Veterinary Sciences _____<br>**Degree Programme**: Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc. & A.H.) | | | | | |
| | **Admitted in:Completed in**: **Last Institution Attended**: | | | | | |
| S. No. | Subject | Credit Hrs. | Marks obtained | | | |
| | | | Internal Assessment | | Annual | |
| | | | First (10) | Second (10) | Theory (40) | Practical (40) |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | FIRST PROFESSIONAL | | |
| 1 | Veterinary Anatomy | 4+3 | 7.0 | 6.0 | 25.0 | 28.0 |
| 2 | Veterinary Physiology | 4+1 | 6.5 | 7.5 | 28.0 | 32.0 |
| 3 | Livestock Production Management | 4+2 | 7.5 | 7.0 | 30.0 | 33.0 |
| 4 | NCC or NSS or CCA | 0+1 (NC) | - | - | - | - |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | SECOND PROFESSIONAL | | | |
| 1 | Veterinary Pathology | 4+2 | 7.5 | 7.5 | 25.0 | 32.0 |
| 2 | Veterinary Biochemistry | 2+1 | 7.5 | 6.5 | 29.0 | 29.0 |
| 3 | Veterinary Microbiology | 3+2 | 7.0 | 8.0 | 25.0 | 33.0 |
| 4 | Animal Genetics & Breeding | 3+1 | 8.0 | 7.5 | 29.0 | 32.0 |
| 5 | Animal Nutrition | 3+1 | 7.5 | 8.0 | 31.5 | 35.0 |
| 6 | NCC or NSS or CCA | 0+1 (NC) | - | - | - | - |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | THIRD PROFESSIONAL | | | |
| 1 | Veterinary Pharmacology & Toxicology | 4+1 | 7.0 | 6.5 | 26.0 | 34.0 |
| 2 | Veterinary Parasitology | 3+2 | 6.5 | 7.0 | 30.0 | 35.0 |
| 3 | Veterinary Public Health | 3+1 | 8.0 | 7.0 | 25.0 | 32.0 |
| 4 | Livestock Products Technology | 2+1 | 7.5 | 7.5 | 28.0 | 35.0 |
| 5 | Veterinary Extension Education | 3+1 | 8.0 | 7.0 | 30.0 | 35.0 |
| 6 | Veterinary Clinical Practice | 0+1 | 40or50 | | 40or50 | |
| 7 | Livestock Farm Practices | 0+2 | 42or50 | | 43or50 | |
| | NCC or NSS or CCA | 0+1 (NC) | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | FOURTH PROFESSIONAL | |
| 1 | Veterinary Surgery & Radiology | 2+1 | 6.5 | 8.0 | 26.5 | 34.0 |
| 2 | Veterinary Medicine | 4+1 | 7.5 | 7.5 | 28.0 | 35.0 |
| 3 | Veterinary Gynaecology & Obstetrics | 2+1 | 8.0 | 7.0 | 25.0 | 35.0 |
| 4 | Veterinary Clinical Practice | 0+6 | - | - | - | 70.0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | FIFTH PROFESSIONAL |
| 1 | Internship Programme | | | | | |

Grand Total of Credit Hours: 81

(NC) Non Credit Hours: 2 Over All Grade Point Average (OGPA): 7.460or10.00

RESULT: PASSED WITH FIRST DIVISION *Cleared with Compartment **Failed in First or Second or Third or Fourth year ***Internship extended or repeated

Grand Total of Credit Points: 604.60

Percentage of Marks: 74.60%

CONDUCT: SATISFACTORY

DATE: Assistant Registrar (Academic) Signature with Seal

*(Overleaf)*

**Calculation of Grade Point (GP), Credit Point (CP), Grade Point Average (GPA) & Overall Grade Point Average (OGPA)**

- **GP** in a subject will be the total marks obtained by a student out of 100 divided by 10.
- **CP** in a subject will be GP multiplied by the credit hrs.
- **GPA** = Sum of the total credit points earned divided by the sum of credit hrs.
- **OGPA** = Sum of the grand total credit points earned divided by the grand sum of credit hrs.
- **Percentage of Marks** = OGPA multiplied by 10

**NOTE:**

1. **Evaluation**

   Overall performance of the student in various examinations including the internal and annual examination by securing 50% in theory and practical separately shall be the criterion of passing or failing in a subject. A student is required to secure an aggregate of 50% marks in theory and an aggregate of 50% marks in practical to be declared to have passed in a subject. If a student fails in two subjects only, he or she is eligible to appear in the compartment examination of those subjects which shall include the components of annual theory and practical examination only.

2. **Division**

| | |
|---|---|
| Pass | OGPA 5.000- |
| 5.999 Second Division | OGPA 6.000- |
| 6.999 First Division | OGPA 7.000- |
| 7.999 First Division with Distinction* | OGPA 8.000 and above |

3. In case a student has passed a subject through compartment examination, the same be mentioned against the particular subject in the transcript.

4. In case a student fails in a particular year, the same be mentioned in transcript.

5. If the internship is extended or repeated, the same be mentioned in transcript



**Annexure-II** Serial No. ----------
Admn. No. ----------

**(NAME OF THE DEGREE AWARDING UNIVERSITY)**
**SEAL**
**DETAILED MARKS CERTIFICATE**
**FIRST PROFESSIONAL (B. V. Sc. & A. H.)**

Name: ----------

Mother's Name: ----------

Father's Name: ----------

Academic Year: ----------

| Subject | Credit Hrs. | Marks obtained | | | | Total (100) |
|---|---|---|---|---|---|---|
| | | Internal Assessment | | Annual | | |
| | | First (10) | Second (10) | Theory (40) | Practical (40) | |
| Veterinary Anatomy | 4+3 | 7.0 | 6.0 | 25.0 | 28.0 | 66.0 |
| Veterinary Physiology | 4+1 | 6.5 | 7.5 | 28.0 | 32.0 | 74 |
| Livestock Production Management | 4+2 | 7.5 | 7.0 | 30.0 | 33.0 | 77.5 |
| NCC or NSS or CCA | 0+1 (NC) | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

CURRENT: Total Credit Hrs: 18 Total Credit Points Earned: 151.30

CUMMULATIVE: Total Credit Hrs: Total Credit Points Earned:

RESULT:

1. Pass with Grade Point Average (GPA)
2. * Cleared with compartment.
3. Fail

Assistant Registrar (Academic)
for Registrar **Calculation of Grade Point (GP), Credit Point (CP), Grade Point Average (GPA) & Overall Grade Point Average (OGPA)**

- **GP** in a subject will be the total marks obtained by a student out of 100 divided by 10.
- **CP** in a subject will be GP multiplied by the credit hrs. The credit points earned will be zero if the GP in a subject is less than 5.00)
- **GPA** = Sum of the total credit points earned divided by the sum of credit hrs.
- **OGPA** = Sum of the grand total credit points earned divided by the grand sum of credit hrs.

T. P. SINGH, Assistant Secy.
[ADVT. III/4/Exty./168 (141)]

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