**द्वितीया इकाई**

**la[;kifjp;%] la[;ksPpkj.k&ys[kukH;kl%] la[;kinkuka fyaxHksnladsr'p**

**la[;k ifjp;]la[;k mPpkj.k ]ys[ku vH;kl]la[;kinks ads fyaxHksn**

**:ijs[kk**

**2-1 izLrkouk**

**2-2 mn~ns';e~**

**2-3 ,dr% 'kra ;kor~ la[;kinkuka ifjp;%**

**2-4 ,dkf/kd'kra r% la[;kinkuka ifjp;%**

**2-5 ,dr% in~ei;ZUra la[;kinkuka ifjp;%**

**2-6 la[;kinkuka fyaxHksnk%**

**2-7 la[;kinkuka fyaxHksnkuqlkja okD;iz;ksxk%**

**2-8 mPpkj.ksu lg la[;kys[kukH;kl%**

**2-9 la[;klEc)inkuke~ vH;kl%**

**2-10lkjka'k%**

**2-11 vH;kliz'uke~ mÙkjkf.k**

**2-12 lUnHkZxzUFklwph**

**2-13 lgk;dksi;ksfx&ikB~;lkexzh**

**2-1 izLrkouk**

Hkk’kk O;ogkjkfJrk HkofrA Hkk’kk;k% O;ogkj'p cgqfo/k%A vfLeu~ O;ogkjs Dofpr~ laKkinkuka Dofpn~ fo'ks’k.kinkuka DofpPp la[;kinkuka iz;ksx% fØ;rsA laLÑrHkk’kk;ka la[;kuka iz;ksxL; vrho oSf'k’V~;a HkofrA

la[;kuka iz;ksxLrq lokZlq Hkk’kklq HkoR;so fdUrq fof”k’; laLd`eHkk’kk;ka le;okfpinkuka iz;ksxk; x.kuk;S p ,rs’kka iz;ksx% fØ;rsA v= la[;kinkfu fo”ks’;:is.k fo'ks’k.k:is.k p iz;qT;UrsA

,rs’kka la[;kinkuka cgqfo/k% iz;ksx% n`';rsA la[;kinkuka okD;su lg dFka O;ogkj%] dFka p ;kstue~ vfLr rs’kka les’kka vL;ke~ vfUorkS lekos'k% Hkfo’;frA

**2-2 mn~ns';e~**

 la[;kinkuka Kkukr~ ija HkoUr% ,rn~ Kkraq 'kD{k;fUr ;r~&

1. la[;kinkuka Lo:ia fde~A
2. laLÑrs la[;kuka iz;ksx% dFka HkofrA
3. laLÑrs la[;kuka iz;ksx% ds’kq ds’kq fyaxs’kq dFka HkofrA
4. O;ogkjs la[;kuka iz;ksx% dFka fØ;rsA
5. ,dr% 'kra lglza lkxji;ZUra la[;kokpuL; Kkua Hkfo’;frA
6. iwj.kkUrla[;kinkuka iz;ksx% dFka fØ;rsA
7. fo'ks’;&fo'ks’k.k:is.k la[;kinkuka iz;ksx% dFka fØ;rsA
* laLd`r Hkk’kk esa la[;kvksa dks dSls tkuk tk; ;k fxurh djrs le; la[;k dks laLd`r esa dSls fxusa ]cksysa vkSj fy[ksa(,slh tkudkjh vkidks vkxs nh x;h rkfydk ls izkIr gksxhA lkj.kh esa fn, x, fooj.k ls vki ,d ls lkS rd dh la[;k dks laLd`r esa i<dj tkusxsa vkSj fdlh Hkh volj ij vkidks viuh tUefrfFk vkfn fy[kusa vFkok laLd`r esa la[;ksPpkj.k djusa esa vklkuh gksxh A

|  |  |  |  |
| --- | --- | --- | --- |
|  **la[;k** | **laLÑrla[;k** | **la[;k** | **laLÑrla[;k** |
| **1** | **,de~** | **51** | **,diapk'kr~**  |
| **2**  | **}s** | **52** | **f}iapk'kr~** |
| **3** | **=hf.k** | **53** | **f=iapk'kr~** |
| **4** | **pRokfj** | **54** | **prq’iapk'kr~** |
| **5** | **iap** | **55** | **iapiapk'kr~** |
| **6** | **‘kV~** | **56** | **‘kV~iapk'kr~** |
| **7** | **lIr** | **57** | **lIriapk'kr~** |
| **8** | **v’V** | **58** | **v’Viapk'kr~** |
| **9** | **uo** | **59** | **uoiapk'kr~** |
| **10** | **n'k** | **60** | **‘kf’V%** |
| **11** | **,dkn'k** | **61** | **,d‘kf’V%** |
| **12** | **}kn'k** | **62** | **f}‘kf’V%** |
| **13** | **=;ksn'k** | **63** | **f=‘kf’V%** |
| **14** | **prqnZ'k** | **64** | **prq’‘kf’V%** |
| **15** | **iapn'k** | **65** | **iap‘kf’V%** |
| **16** | **‘kksM'k** | **66** | **‘kV~‘kf’V%** |
| **17** | **lIrn'k** | **67** | **lIr‘kf’V%** |
| **18** | **v’Vkn'k** | **68** | **v’V‘kf’V%** |
| **19** | **uon'k** | **69** | **uo‘kf’V%** |
| **20** | **foa'kfr%** | **70** | **lIrfr%** |

**2-4 ,dr% 'kra ;kor~ la[;kinkuka ifjp;%**

|  |  |  |  |
| --- | --- | --- | --- |
| **21** | **,dfoa'kfr%** | **71** | **,dlIrfr%** |
| **22** | **}kfoa'kfr%** | **72** | **f}lIrfr%** |
| **23** | **=;ksfoa'kfr%** | **73** | **f=lIrfr%** |
| **24** | **prqfoZa'kfr%** | **74** | **prqLlIrfr%** |
| **25** | **iapfoa'kfr%** | **75** | **iaplIrfr%** |
| **26** | **‘kM~foa'kfr%** | **76** | **‘kV~lIrfr%** |
| **27** | **lIrfoa'kfr%** | **77** | **lIrlIrfr%** |
| **28** | **v’Vkfoa'kfr%** | **78** | **v’VlIrfr%** |
| **29** | **uofoa'kfr%** | **79** | **uolIrfr%** |
| **30** | **f=a'kr~**  | **80** | **v'khfr%** |
| **31** | **,df=a'kr~** | **81** | **,dk'khfr%** |
| **32** | **}kf=a'kr~** | **82** | **};'khfr%** |
| **33** | **=;fL=a'kr~**  | **83** | **=~;'khfr%** |
| **34** | **prqfL=a'kr~** | **84** | **prqj'khfr%** |
| **35** | **iapf=a'kr~**  | **85** | **iapk'khfr%** |
| **36** | **‘kV~f=a'kr~** | **86** | **‘kM'khfr%** |
| **37** | **lIrf=a'kr~** | **87** | **lIrk'khfr%** |
| **38** | **v’Vkf=a'kr~** | **88** | **v’Vk'khfr%** |
| **39** | **uof=a'kr~** | **89** | **uok'khfr%** |
| **40** | **pRokfja'kr~** | **90** | **uofr%** |
| **41** | **,dpRokfja'kr~**  | **91** | **,duofr%** |
| **43** | **f=pRokfja'kr~** | **93** | **f=uofr%** |
| **44** | **prq'pRokfja'kr~** | **94** | **prq.kZofr%** |
| **45** | **iappRokfja'kr~** | **95** | **iapuofr%** |

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| --- | --- | --- | --- |
| **46** | **‘kV~pRokfja'kr~** | **96** | **‘k..kofr%** |
| **47** | **lIrpRokfja'kr~** | **97** | **lIruofr%** |
| **48** | **v’VpRokfja'kr~** | **98** | **v’Vuofr%** |
| **49** | **uopRokfja'kr~** | **99** | **uouofr%** |
| **50** | **iapk'kr~** | **100** | **'kre~**  |

**2-5 ,dkf/kd'kra r% la[;kinkuka ifjp;%**

|  |  |  |  |
| --- | --- | --- | --- |
| **la[;k** | **laLÑrla[;k** | **la[;k** | **laLÑrla[;k** |
| **101** | **,dkf/kd'kre~**  | **110** | **n'kkf/kd'kre~** |
| **102**  | **};f/kd'kre~** | **120** | **foa'kR;f/kd'kre~** |
| **103** | **=~;f/kd'kre~** | **130** | **f=a'knf/kd'kre~** |
| **104** | **prqjf/kd'kre~** | **140** | **pRokfja'knf/kd'kre~** |
| **105** | **iapkf/kd'kre~** | **150** | **iapk'knf/kd'kre~** |
| **106** | **‘kMf/kd'kre~** | **160** | **‘k’B~;f/kd'kre~** |
| **107** | **lIrkf/kd'kre~** | **170** | **lIrR;f/kd'kre~** |
| **108** | **v’Vkf/kd'kre~** | **180** | **v'khR;f/kd'kre~** |
| **109** | **uokf/kd'kre~** | **190** | **uoR;f/kd'kre~** |

**2-6 ,dr% in~ei;ZUra la[;kinkuka ifjp;%**

**,da n'k 'kra pSo lglze;qra rFkkA**

**y{ka p fu;qra pSo dksfVjcqZneso pAA**

**o`Una [koksZ fu[koZ'p 'ka[k% in~e'p lkxj%A**

**vUR;a eè;a ijk/kZa p n'ko`);k ;FkkØee~AA**

|  |  |  |  |
| --- | --- | --- | --- |
| **la[;k** | **laLÑrla[;k** | **la[;k** | **laLÑrla[;k** |
| **1** | **,de~** | **1000** | **lglze~** |
| **10** | **n'k** | **10000** | **v;qre~** |
| **100** | **'kre~** | **100000** | **y{ke~** |
| **200** | **f}'kre~** | **1000000** | **fu;qre~** |
| **300** | **f='kre~** | **10000000** | **dksfV%** |
| **400** | **prq''kre~** | **100000000** | **vcqZne~** |
| **500** | **iap'kre~** | **1000000000** | **o`Une~** |
| **600** | **‘kM~'kre~** | **10000000000** | **[koZ%** |
| **700** | **lIr'kre~** | **100000000000** | **fu[koZ%** |
| **800** | **v’V'kre~** | **1000000000000** | **'ka[k%** |
| **900** | **uo'kre~** | **10000000000000** | **in~e%** |
|  |  |  |  |

**2-7 la[;kinkuka fyaxHksnk%**

|  |  |  |
| --- | --- | --- |
| la[;k | laLÑrla[;k | iwj.kizR;;kUrla[;k% |
| f=’kq fyaxs’kq | iqfYyaxla[;k | L=hfayaxla[;k | uiqladla[;k |
| 1 | ,de~ | IkzFke% | IkzFkek | IkzFkee~ |
| 2  | }s | f}rh;% | f}rh;k | f}rh;e~ |
| 3 | =hf.k | r`rh;% | r`rh;k | r`rh;e~ |
| 4 | pRokfj | prqFkZ% | prqFkhZ | prqFkZe~ |
| 5 | iap | iape% | Iakpeh | iapee~ |
| 6 | ‘kV~ | ‘k’B% | ‘k’Bh | ‘k’Be~ |
| 7 | lIr | lIre% | lIreh | lIree~ |
| 8 | v’V | v’Ve% | v’Veh | v’Vee~ |
| 9 | uo | uoe% | Ukoeh | uoee~ |
| 10 | n'k | n'ke% | n'keh | n'kee~ |

**2-8 la[;kinkuka fyaxHksnkuqlkja okD;**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 11 | ,dkn'k | ,dkn'k% | ,dkn'kh | ,dkn'ke~ |
| 12 | }kn'k | }kn'k% | }kn'kh | }kn'ke~ |
| 13 | =;ksn'k | =;ksn'k% | =;ksn'kh | =;ksn'ke~ |
| 14 | prqnZ'k | prqnZ'k% | prqnZ'kh | prqnZ'ke~ |
| 15 | iapn'k | iapn'k% | iapn'kh | iapn'ke~ |
| 16 | ‘kksM'k | ‘kksM'k% | ‘kksM'kh | ‘kksM'ke~ |
| 17 | lIrn'k | lIrn'k% | lIrn'kh | lIrn'ke~ |
| 18 | v’Vkn'k | v’Vkn'k% | v’Vkn'kh | v’Vkn'ke~ |
| 19 | uon'k | uon'k% | uon'kh | uon'ke~ |
| 20 | foa'kfr% | foa'kfrre% | foa'kfrreh | foa'kfrree~ |
| 21 | ,dfoa'kfr% | ,dfoa'kfrre% | ,dfoa'kfrreh | ,dfoa'kfrre~  |
| 30 | f=a'kr~ | f=a'kÙke% | f=a'kÙkeh | f=a'kÙkee~ |
| 31 | ,df=a'kr~ | ,df=a'kÙke% | ,df=a'kÙkeh | ,df=a'kÙkee~ |
| 40 | pRokfja'kr~ | pRokfja'kÙke% | pRokfja'kÙkeh | pRokfja'kÙkee~ |
| 41 | ,dpRokfja'kr~ | ,dpRokfja'kÙke% | ,dpRokfja'kÙkeh | ,dpRokfja'kÙkee~ |
| 50 | iapk'kr~ | iapk'kÙke% | iapk'kÙkeh | iapk'kÙkee~ |
| 51 | ,diapk'kr~ | ,diapk'kÙke% | ,diapk'kÙkeh | ,diapk'kÙkee~ |
| 100 | 'kre~ | 'krre% | 'krreh | 'krree~ |
| 1000 | Lkglze~ | lglzre% | lglzreh | Lkglzree~ |
| **la[;kokpd vadksa dk iqfYyax] L=hfyax] uiqaldfyax esa iz;ksx djus ij vadokpd 'kCn iwj.kizR;;kUr gks tkrs gSa ftlesa izFke%] izFkek] izFkee~ rFkk ,d ¼01½ ls mUuhl ¼19½ rd uon'k%] uon'kh] uon'ke~ gksrs gSa rFkk chl ¼20½ la[;k ls vkxs foa'kfrre%] foa'kfrreh] foa'kfrree~ iz;ksx gksrk gSA** |

**iz;ksxk%**

**iqfYyaxiz;ksx%**

** **

**,d% ckyd% iBfr }kS iq#’kkS xPNr%**

**=;% di;% dwnZfUrA pRokj% lSfudk% /kkofUrA**



**L=hfyaxiz;ksx%**

**,dk ckfydk fy[kfr & ,d ckfydk fy[k jgh gSA**



**}s efgys glr%nks efgyk,a gWalrh gSa] ;k gWal jgh gSa**



**frlz% pVdk% dwtfUrblh izdkj &prlz% ukf;dk% u`R;fUr**

**rhu eknk fpfM;kW dWawt jgha gSa A pkj ukf;dk,a ukp jgh gSa A**

**vc ;gkWa uiqald fyax ds iz;ksx lfprz fn, tk jgs gSa &**

**uiqladfyaxiz;ksx%**

**,da ok;q;kua xPNfr**

**,d ok;q;ku tkrk gS@tk jgk gS**



**}s iq’is fodlr%f[kys gq, nks Qwy**



**=hf.k Qykfu irfUr pRokfj Hkoukfu lfUr**

**rhu Qy fxj jgs gSa A pkj Hkou gSaA**

**-**





**2-11lkjka'k%**

Hkk’kk;k% iz;ksxle;s la[;kinkuka iz;ksx% vfi lkekU;r;k Hkofr ,oA laLd`rs la[;kukaiz;ksxL; cgo% fo/k;% lfUrA ,dr% pRokfj Ik;ZUra la[;k f=’kq fyaxs’kq pyfUr] iapr% v’Vkn'ki;ZUra ,rk% la[;k% f=’kq fyaxs’kq iapu~ bo pyfUr uon'kr% uouofr% Ik;ZUra ,rk% la[;k% L=hfyaxs iz;qT;Urs rFkk 'kra r% fu;qra Ik;ZUra ,rk% la[;k% uiqaldfyaxs pyfUrA iwj.kizR;kUrla[;kuka iz;ksx% f=’kq fyaxs’kq xq.kkuka Hkkokuka p cks/kuk; HkofrA vL;ke~ vfUorkS la[;kfo’k;da Kkua izkI; HkoUr% Hkk’kkO;ogkjs ,rs’kka iz;ksxa drZqa 'kDuqofUrA

**2-12 vH;kliz'uke~ mÙkjkf.k**

1. ,d%
2. }s
3. }s
4. =hf.k
5. pRokj%
6. iap
7. iap
8. ‘kM
9. lIr
10. lIr
11. n'k
12. v’Vkn'k
13. lIrfoa'kfr%
14. =;fL=a'kr~
15. iappRokfja'kr~
16. ‘kV~iapk'kr~
17. prq'’kf’V%
18. ‘kV~lIrfr%
19. v’Vk'khfr%
20. ‘k..kofr%A
	1. **lUnHkZxzUFklwph**

 1-vuqokn pfUnzdk & MkW- czãkuUn f=ikBh & pkS[kEck lqjHkkjrh izdk'ku] okjk.klhA

* 1. **gk;dksi;ksfx&ikB~;lkexzh**

 1-o.kZekyk ifjp;% & jkf’Vª;laLÑrlaLFkkue~] uonsgyhA

 2-Hkk’kkizos'k% & laLÑrHkkjrh] uonsgyhA

 3-laLÑrxq.kudks’Vde~ & laLÑrHkkjrh] cSaxyw:A

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