

छत्तीसगढ़ माध्यमिक शिक्षा मण्डल, रायपुर



0; kgkfj d vFkZ kkL=  
, oa okf.kfT; d Hkksy

d{k k XII oha



izu cd

1/0 | kfpr bdkb1/2

NÜkhl x<+ek/; fed f'k{k e.My] jk; i g

# vked[k

jk"Vh; i kB; p; kZ dh : i j s [kk 2005 eaftu fpUrkvka dk mYyq[k fd; k x; k gSml ds rkj rE; ea in s k dsgkbLdny , oagk; j l ds Mjh ea v/; ; u djusokysfo | kFFkZ; ka ds l eak ea fopkj djus , oa mudh l eL; kvka dk l ek/kku djus grq NRRhl x<+ek/; fed f'k{kk e.My iz Ru'khy gS rkfd 'kS{kf.kd y{; ka dh i kfr gks l ds , oa f'k{kk dh xqkoRrk ea l qkkj gks l dA

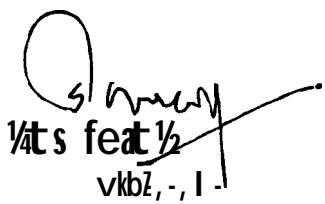
ijh{kkvka ds l e; fo | kFFkZ; ka ds eu ea fpUr k , oa Hk; mRiUu gsrk gSfd ijh{kk ds h gksch\ ijh{kk ea fd l idkj izu i nS tk; a s dks l k izu ijh{kk ds fy, egRo i w k Z gks l drs gA bl grq foxr o"kkA ea e.My iz kl jr jgk gA fo"K; okj ekMy izu i = dks vc NRRhl x<+ek/; fed f'k{kk e.My ds ekU; rk i ktr fo | ky; ka ea Hkst us ds l kFk&l kFk mlGa e.My ds os l kbV ea ykM fd; k tk; s kA ijh{kk ds Hk; , oa ru ko l seDr j [kus ds fy, e.My }kjk gkbZLdny , oagk; j l ds Mjh ds fo | kFFkZ; ka ds fy, fo"K; okj d{kk 9oha l s 12oha rd izu c d r s kj fd; k x; k gA izu c d ea ijEijxR izuka ds vfrjDr uohu izuka dk l eko s k fd; k x; k gA izu c d bdkb b k j , oa e.My dh ijh{kk ; kstuk ds vu d kj r s kj fd; k x; k gS ft l l s vPNs va d i ktr djus ds l kFk&l kFk ijh{kkFFkZ; ka ea fo"K; ds ifr : fp mRiUu gkschA

izu c d ds vHkko ea f'k{k d k a i k f' u d k a v k s fo | kFFkZ; ka dks i kB; i l rd ds vUr ea fn; s x, ijEijxR izuka ij fuHk j jguk i M f k gA bl l s fo"K; dk eW; ka du 0; fDrijd (Subjective) gks tkrk gS rFk foHkUu 'kS{kf.kd m l s ; ka ds vk/kkj ij eW; ka du ugha gsrk gA bl h vko'; drk dks /; ku ea j [krs gq e.My us gkbZLdny 1/9oha 10oha rFk gk; j l ds Mjh 1/11oha 12oha ds l Hk fo"K; ds izu c d dk fueZk fd; k gA bl izu c d l s f'k{k d k a , oa fo | kFFkZ; ka ea fur uohu izuka ds fueZk dh vHk: fp mRiUu gkschA

izu c d ea fo"K; dh mi yC/k 'kS{k d l kexh dks 'k k f e y fd; k x; k gA bl ea uohu ekSyd izuka d k s fo"K; oLrj f'k{k.k ds m l s ; ] dfBukbZLrj v k s va du dh xqkoRrk ds vu d kj l q a fBr djds j [k x; k gA izu c d ea e.My dh ijh{kk ; kstuk ds vu d kj vfry?k m U k j h; ] y?k m U k j h; , oa nh?k m U k j h; izuka dk l eko s k fd; k x; k gA ifr; ksch ijh{kk ds fy, vH; kl grq oLrj u"B izuka dk Hk l eko s k izu c d ea fd; k x; k gA ft l l s ifr; ksch ijh{kkvka ds vH; kl ea l gk; rk feyschA ifrnu] ifr l l rkg] ifrekg v k s i fro"Kz uohu izuka ds ckjs ea fo | kFFkZ; k a f'k{k d k a i k f' u d k a ijh{k d k a v k s l k e k U ; tu l s fo"K; okj e.My uohu izuka dks vkef=r fd; k tkoskA vki ds }kjk i s "kr fo"K; okj uohu izuka dks tkM d j i fro"Kz izu c d dk l a k s k u e.My }kjk fd; k tkosk] ft l l s izu c d vf/kd ifjiw k v k s v k / k f u d r e g k r s j g A

ep-svk'kk gSfd e.My }kjk tkjh izu c d fo | kFFkZ; k a f'k{k d k a i k f' u d k a , oa ijh{k d k a ds fy, mi ; ksch fl ) gkskA

'k d k d k e u k v k a l f g r ---



I fpo

N-x- ek/; fed f'k{kk e.My] jk; ij

# iʔu cɔd fuekʔk

dk; ʔkkyk vof/k & 05-01-10 | s09-01-10

dk; ʔkkyk LFky & Hkkjensɔ ʔdo/kkʔ

fo"k; & 0; kogkfjd vFkʔ kkL= , oe~okf.kfT; d Hkkksy

d{kk & ckjgoha

lɔdk; & okf.kT;

fuekʔk | nL; &

- 1- Jh , - ds tɕi ʔk' k{kɔd ʔ  
'kk-m-ek- 'kkyk txnyij
- 2- Jh ds vkj- plɔnkɔdj ʔ0; k[; krkʔ
- 3- Jh , u- ds uk; d ʔ0; k[; krkʔ
- 4- Jh vkj- ds nɔkɔxu ʔ0; k[; krkʔ  
'kk- uVoj cgq m-ek- fo | ky; jk; x<+
- 5- Jh , e- ds plɔnkɔdj ʔk' k{kɔk d1 ʔ  
'kk- uohu gk; j | ds Mjh Lɔny] do/kkʔ
- 6- Jh ds , y- erkoys ʔ0; k[; krkʔ  
'kk-m-ek- 'kkyk] ekuij ftyk jktukɔxkɔ
- 7- Jh vkj- l h- ugkys ʔ0; k[; krkʔ  
'kk-cgq m-ek- fo | ky; pkjkek ftyk dkɔdj
- 8- Jh ts ds fl ɔ ʔk' k{kɔd ʔ  
Lokeh djik=hth 'kk-m-ek- 'kkyk do/kkʔ
- 9- Jh , e- vkj- plɔnɔkɔh ʔk' k{kɔk d-1 ʔ  
Lokeh djik=hth 'kk-m-ek- 'kkyk do/kkʔ

0; kogkfjd vFkz kkl= , oe~okf.kfT; d Hkukksy  
d{kk & ckjgoha

bdkbz	i k B dk uke	i "B Ø-
01	fofue; , oacktkj	1&2
02	forj.k] yxku] etnjh] C; kt] ykHk o jk"Vh; vk;	3&4
03	i wkz ifr; kfxrk] viwkz ifr; kfxrk] , dkf/kdkj] cktkj eW; ] l keku; eW;	5&6
04	jktLo] dlnh; ctV o djjki .k	7&8
05	vkfFkd fu; kstu	9&10
06	l g&l cak	11&12
07	fopj.k , oafopj.k l pdkd	13&14
08	Hkkjr ea mnkjhdj .k	15&16
09	fl pkbz , oaQl ya	17&18
10	Hkkjr ds iæq[k m   ksx	19&20

## bdkbz & 1

### vfr y?kqRrjh; izu

- 1- oLr~~q~~ka ds vny&cny dks D; k dgrs g& K
- 2- or&ku l e; eaHkkjr eafofue; dh dks&l h fofue; izkkyh i pfyr g& U
- 3- ds h oLr~~q~~ka dk cktkj i kns'kd cktkj gkrk g& K
- 4- iwkl cktkj D; k g& K
- 5- vo&k cktkj fdl s dgrs g& K

### y?kq mRrjh; izu

- 1- epk fofue; izkkyh fdl s dgrs g& K
- 2- fofue; l s dks&dks l h gkfu g& U
- 3- 'kq) cktkj fdl s dgrs g& K
- 4- oLrqdk fVdkÅiu cktkj dsfoLrkj dks ds s i Hkkfor djrs g& S
- 5- foKki u cktkj dsfoLrkj dks ds s i Hkkfor djrk g& S
- 6- o&k , oa vo&k cktkj ea4 fclnq/ka ij vrj Li"V dhft, \ U

## nh?kz mRrjh; izu

- 1- vki cktkj eafofue; dh fdl izkkyh dk mi; kx djrs gš vkš dš š A
- 2- fofue; I sjktušrd nkl rk dh fLFkr Hkkjr ds ifjiš; ea l e>kb, A S
- 3- pkj cktkj fdl h nš k dh mlufu ea ck/kd gš l e>kb, A U/S
- 4- fofue; dsfcuk ekuo thou d"Vi wkž gksxk] l e>kb, A U
- 5- oržku ixfr dk emy dkj.k fofue; gš vi us'kCnka ea Li"V dhft, A S
- 6- oLrqdh dkš&dkš l h fo'kškrk, i cktkj dsfoLrkj dks i Hkkfor djrh gš U

## bdkbz 2

## vfr y?kqRrjh; izu

- 1- ifr0; fDr vk; x.kuk dk l # fyf[k, A K
- 2- yxku D; ka i klr gksrk gš U
- 3- etnjh fdl snh tkrh gš K
- 4- C; kt i kflr dk D; k dkj.k gš U

## y?kq mRrjh; izu

- 1- forj.k D; ka vko'; d gš U
- 2- forj.k dk vk/kfuud fl ) kar D; k gš U

- 3- yxku D; ka fy; k ; k fn; k tkrk g\$ U
- 4- D; k I hekUr Hkfe ij yxku i klr gkrk g\$ U
- 5- D; k efgyk Jfed dks iq "k Jfed dh vi \$kk de etnjh nsuk mfpr g\$ S

### nh?kz mRrjh; izu

- 1- I k{kjrk ds }kjk jk"Vh; vk; dks d\$ sc<k; k tk I drk g\$ I e>kb, A U
- 2- yxku mRi fRr ds I Hkh I k/kukadks i klr gksuk pkfg, mDr dFku dh I gefr , oa vl gefr ij izk'k Mkfy, A U
- 3- ek= Je dkun I sgh ckyJe dh I eL; k dk fui Vjkj gks I drk g\$ i {k , oa foi {k eardZnhft , A U
- 4- ykHk fl QZ I kgl h ugha oju ddky I xBd dks Hkh i klr gksuk pkfg, A vki vi usnf"Vdks k dks I e>kb, A S
- 5- ^ D; k mRi knu djã dh I eL; k dks I e>kb, A U

## bdkbZ 3

### vfr y?kqRrjh; iZu

- 1- 'kq) i fr; kfxrk D; k gS K
- 2- viwkZ i fr; kfxrk D; k gS K
- 3- 'kq) , dkf/kdkj D; k gS K
- 4- , dkf/kdkj dk mnkgj.k nhft, A U
- 5- , dkf/kdkj vkj , dkf/kdkj kRed i fr; kfxrk eaHkn ds nks fclnqI e>kb, A U
- 6- iwkZ i fr; kfxrk dh fdUgha nks e[; fo'kSkrvka dh 0; k[; k dhft, A U
- 7- , dkf/kdkj dh ifjHk"kk nhft, A K

### y?kq mRrjh; iZu

- 1- }; kf/kdkj dks I e>kb, A U
- 2- , dkf/kÑr i fr; kfxrk fdl sdgrsgS K
- 3- I rgyu eY; fdl sdgrsgS K
- 4- iwkZ i fr; kfxrk ds 3 y{k.k I e>kb, A U



## nh?kz mRrjh; izu

- 1- vki ds vkl ikl dsokrkoj.k l siwkzifr; kfxrk dk mnkgj.k ndj l e>kb,  
; g dkyifud fLFkr gS; k ugha S
- 2- iwkzifr; kfxrk eaew; fu/kkZ.k dh ifØ; k l sD; k vki l ger gS gk; k ugha  
rksD; ka l e>kb, A U/A
- 3- Hkkjrh; jYos, oaMkd?kj viwkzifr; kfxrk dh dks&l h fLFkr gS D; kavj ds s S
- 4- vukt dk cktkj fdl izdkj dk cktkj gS l e>kb, A U
- 5- fdl h oLrqdsew; fu/kkZ.k dks js[kkfp= dsek/; e l s l e>kb, A A
- 6- oLrqdh l ryu dher dh ifjHkk'kk nhft, A bl dk fu/kkZ.k ds s gkrk gS  
K+U

## bdkbZ & 4

## vfr y?kRrjh; izu

- 1- ykdforr D; k gS K
- 2- l koZtfud 0; ; D; k gS K
- 3- ctV 'kcn dh mRi fRr ds s gpl U
- 4- jkT; dk ctV dks cukrk gS K
- 5- 'kYd D; k gS K

6- jsy ctV dks iLnr djrk gS K

### y?kq mRrjh; i zu

- 1- jktLo dh 3 iæqk fo'kSkrrk, j fyf[k, A K
- 2- vkfFkZd fo"kerk nj djus dsfy, jktLo dk egRo crkb, A K
- 3- varfje ctV dc vksj D; ka cuk; k tkrk gS U
- 4- voel; u fdl sdgrsgS K
- 5- jktLo [kpZfdl sdgrsgS K
- 6- l jdkjh ctV dsfdlgha nks mnns ; ka dh 0; k[; k dhft, A U
- 7- varj Li"V dhft, & U
  - (i) iR; {kdj vksj viR; {kdj
  - (ii) jktLo ?kkV/k vksj jktdkSkh; ?kkV/k

### nh?kz mRrjh; i zu

- 1- 'kq'd dh fo'kSkrrk, j fyf[k, A K
- 2- , Me fLeFk ds l ekurk dsfl )kr dks l e>kb, A U
- 3- ctV fuekZk dh if0; k l svki viusifjokj dk ctV ds scuk l drsgS A

- 4- jkT; I jdkj ds vk; &0; ; dsL=krka dks I e>kb, A U
- 5- jktLo dh fo"k; I kexh dks I e>kb, A U
- 6- ctV I svke turk dks D; k ykHk feyrk gS K
- 7- jktLo ?kkVs vkj jkt dks kh; ?kkVs dk vFkz I e>kb, A U

## bdkbZ 5

### vfr y?kqRrjh; izu

- 1- fu; kstu D; k gS K
- 2- ; kst uk vk; kx fdl s dgrs gS K
- 3- efcbl; ; kst uk D; k gS K
- 4- X; kjgoha i po"khz ; kst uk dk i kjEHk dc I s gvk\ K

### y?kq mRrjh; izu

- 1- i po"khz ; kst uk D; ka cukbz xb\ U
- 2- i Fke i po"khz ; kst uk ds eq; mnns; dks & dks I s gS K
- 3- rrrh; i po"khz dh eq; mi yfc/k; k; fyf[k, A K

## nh?kz mRrjh; izu

- 1- Hkkjr dh ipo"khz ; kstuk, j okāNr I Qyrk i klr djuseavl Qy gpzvi us fopkj i Lr dhft, A S+A
- 2- ipo"khz ; kstuk I sHkkjr dk fodkl rhoz xfr I sgpyk Li"V dhft, A U
- 3- vkfFkd fu; kstu dh I Qyrk gsrq I pko nhft, A S
- 4- vuojr ; kstuk dc vksj D; ka ykxw gpz bl dk D; k ifj.kke gpyk\ S

## bdkbZ & 6

## vfr y?kqRrjh; izu

- 1- I g&l cdk D; k gS K
- 2- I g&l cdk dh ifjHkk"kk nhft, A K
- 3- I g&l cdk ds izdkj ka dsuke crkb, A K
- 4- vkn'kz eku D; k gS K
- 5- fuEu inRr eW; I sdkyZfi ; I u I g&l cdk xqkka Kkr dhft, A A/S

$$tgk dx = (x - \bar{x}) \text{ rFkk } dy = (y - \bar{y}), \sum dx dy = 150$$

$$N = 9, \delta x = 5.8, \delta y = 3.2$$

## y?kq mRrjh; izu

- 1- /kukRed , oa\_\_ .kkRed I g&l æzk ea vrj Li"V dhft, A U
- 2- fLi ; j eſu fof/k dh fo'kſkrk, j fyf[k, A K
- 3- I g&l æzk dh mi ; kſxrk dks I e>kb, A U
- 4- /kukRed I g I æzk dks mnkgj.k I fgr I e>kb, A U
- 5- fuEu vqpdMka I s dksV I g&l æzk xqkkad Kkr dhft, S  
 dksV X & 1 8 7 6 5 4 3 2  
 dksV Y & 8 1 3 4 2 6 5 6

## nh?kz mRrjh; izu

- 1- fdl h LoLFk f'k'kq i fr; kſxrk ea 10 i fr; kſx; ka dks rhu fu.kkz dka }kjk fuEu  
 Øe ea j [kk x; k gS & S  
 i Fke fu.kkz d % 1 6 5 10 3 2 4 9 7 8  
 f}rh; fu.kkz d % 3 5 8 4 7 10 2 1 6 9  
 rrrh; fu.kkz d % 6 4 9 8 1 2 3 10 5 7  
 dksV I g I æzk dk iz kx djrsgq crkb; sfd fdl tkm&ds LokLF; ds i fr  
 fudVre I eku i l n gS
- 2- fLi ; j eſu dh dksV I g I æzk xqkkad Kkr djus dh fØ; kfof/k I e>kb, A U

- 3- dkyZfi ; I ū dh I g I cdk xqkkad dseq[; y{k.k I e>kb, A U
- 4- uhpsnh xbZ rFkk J\$.k; ka ds chip dkyZfi ; I ū dk I g I cdk xqkkad Kkr dhft, &S

X : 17 18 19 19 20 20 21 21 22 23

Y : 12 16 14 11 15 19 22 16 15 20

## bdkbZ 7

### vfr y?kqRrjh; iŷu

- 1- fuji{k vifdj.k D; k g\$ mngj.k nhft, A K
- 2- vifdj.k dh eki I sprfkd fopyu dk I cdk crkb, A U
- 3- prfkd fopyu ds dkbZ2 xqk fyf[k, A K

### y?kq mRrjh; iŷu

- 1- ek/; &fopyu ds xqkkad ks I e>kb, A U
  - 2- ek/; &fopyu xqkkad dh x.kuk dk I w= nhft, & U
- (i) ekf/; dk I s      (ii) ek/; I s      (iii) cgyd I s

3- uhps9 Nk=ka ds i klrka dk ek/; fopyu vksj xqkka Kkr dhft, & S

Øekad % 1 2 3 4 5 6 7 8 9

iklrka % 68 49 32 21 54 38 59 66 41

### nh?kz mRrjh; itu

1- fuEu vkpMka grq i R; {k , oa y?kj hfr dk mi ; kx djrs gq ef/; dk I sek/; fopyu Kkr dhft, & S

54 71 57 52 49 45 72 57 47

2- fuEu vkpMka I sprfkZd fopyu rFkk ml dk xqkka Kkr dhft, & S

vk; qo"Kz ea % 14 15 16 17 18 19 20 21

ckfydkvka dh I f; k % 3 4 5 14 15 12 9 3

3- prfkZd fopyu dks I e>krs gq ml ds xqk&nkSkka dk I e>kb, A U

4- I ki {k , oa fuj i {k fopj .k dks I e>krs gq] fopj .k dh I gh eki grqvko'; d rRoka dks fyf[k, A S

## bdkbZ 8

### vfr y?kqRrjh; iZu

- 1- mnkjhdj.k D;k gS K
- 2- oSohdj.k ;k Hkk&e.Myh; dj.k I sD;k vk'k; gS K
- 3- xS/ D;k gS K
- 4- m: Xosnkj dh okrkZfdl LFkk ij gDZ Fkh\ K
- 5- Mdy iZrko fdl dsuke ij j[kk x; k gS K

### y?kq mRrjh; iZu

- 1- xS/ I e>kf's ds iæ[k i {kka dsuke fyf[k, A K
- 2- fdu&fdu oLrpyka dk iS/V fd;k tk I drk gS K
- 3- fo'o&0; ki kj I xBu ds iæ[k dk; kka dks fyf[k, A K

### nh?kZ mRrjh; iZu

- 1- Mdy iZrko I sHkkjr dks ykHk gDk vFkok gkfu Li"V dhft, A U
- 2- vkfFkZd mnkjhdj.k us Hkkjr dh vFkD; oLFkk ij D;k i Hkko Mkyk\ U



- 3- xS/ l e>ks s l s Hkkjr dks l Hkkfor ykHk] gkfu dh 0; k[; k dhft , A U
- 4- i s/v/ D; k gS fdl &fdl dk i s/v/ djok; k tk l drk gSvkj fdl &fdl dk ugha l e>kb, \ U
- 5- vkfFkZd mnkjhdj .k dh vko' ; drk D; ka egl v dh xbZ U

## bdkbZ 9

### vfr y?kqRrjh; iZu

- 1- fl pkbZ ds i kphu nks l k/kuka ds uke fyf[k, A U
- 2- fl pkbZ ds vk/kfud nks l k/kuka ds uke fyf[k, A U
- 3- i fMr ug: us unh ?kkVh ; kstuk ds l aZk ea D; k dgk gS K
- 4- [kk | klu QI yka dks mnkj .k ndj l e>kb, A U
- 5- l kus ds jSkk fdl s dgk tkrk gS K

### y?kq mRrjh; iZu

- 1- fl pkbZ ds rhu i eDk l k/kuka ds ckjs ea crkb, A U
- 2- l kS kchu dS s , d l rfyv vkglj gS l e>kb, A U
- 3- l u ; k l ubZ i kSks ds ckjs ea o.ku dhft , A U

- 4- tW dksLof.kē ruq; k ^l kus dk j'skk\* dgk tkrk gA dkj.k I e>kb, A U
- 5- dikl dh QI y dsfy, fdruh o"kkZ dh vko'; drk gkrh gS K
- 6- pkW y dksfdrus izdkj I sck k tkrk gS K
- 7- xllus ds fNyds dk iz kx fdl : i eafd; k tkrk gS K

### nh?kz mRrjh; izu

- 1- Hkkjr Ńf"k izkku nsk gA bl nf"V I sfl pkbZ dk egRo Li "V djA U
- 2- cgmnnsh; ; kst uk D; k gS cgmnnsh; unh ?kkVh ; kst uk dks I e>kb, A U
- 3- cgmnnsh; unh ?kkVh ; kst uk I sfeyus okys ykHk dks vkj fdl izdkj I s vf/kd mi ; kxh cuk; k tk I drk gS I e>kb, A U
- 4- QI yka dks fdl izdkj oxhŃr fd; k x; k gS K
- 5- I kš kchu dsegRo dks I e>kb, A U
- 6- if'pe cak y ea i VI u m | kx dŃnr gkus ds dkj .k I e>kb, A U
- 7- pk; Hkkjr dh izqk mit D; ka gS Li "V dhft, A U
- 8- xlluk mRi knu dh vuphy HkSkfyd i fjfLFkr , oaokrkoj .k dk o.ku dhft, A S

## bdkbz 10

### vfr y?kqRrjh; izu

- 1- 'bLdkš ¼ISCO½ D; k gš K
- 2- <kdk dh eyey dksfdl uke l s tkuk Fkk\ K
- 3- ogn i ekus dsm | ksx fdl sdgrsgš K
- 4- vk/kkjHkur m | ksx l s D; k vk'k; gš K
- 5- Hkkjr ea igyh tW fey dgk; LFkkfir dh x; h\ K
- 6- Hkkjr ea dkxt m | ksx eq; : i l sfdu nks jkT; ka ea gš K

### y?kq mRrjh; izu

- 1- dPpseky ds vk/kkj ij ge m | ksxka dksfdl izdkj oxhñr dj l drsgš U
- 2- Hkkjr l s l wrh oL= dk fu; kR fdu rhu : i ka eafd; k tkrk gš K
- 3- Hkkjr; dlnh; tW l febr ds l qkoka dks l e>kb, A U
- 4- Hkkjr; bLi kr ds vk; krd nš kka ds uke fyf[k, A K
- 5- l koZtfud {ks= ds bLi kr dkj [kkuka ds uke fyf[k, A K

## nh?kz mRrjh; izu

- 1- Hkkjr eadkxt m |ksx dk Hkfo"; dS k gS I e>kb, A U
- 2- Hkkjr eaLykfLVd dh I eL; k I scpusdsfy, tW m |ksx dk fodkl vko'; d gS Li"V dhft, A S
- 3- orZku ; x eaYkjk] I kus I svf/kd egRo j [krk gS Li"V dhft, A S
- 4- fhkykbZ bLi kr dkj [kkuk dk o.ku vi us 'kCnka ea dhft, A S

oLrfu"B ižu mRrj l fgr  
fo"k; %& 0; kogkfjd vFkZ kkl= , oa okf.kfT; d Hkkky  
d{kk & ckjgoha

bdkbz	i kB dk uke	i "B Ø-
01	fofue; , oacktkj	23
02	forj.k] yxku] etnj]h] C; kt] ykHk o jk"Vh; vk;	27
03	i wKz ifr; kSxrk] vi wKz ifr; kSxrk] , dkf/kdkj] cktkj eW; ] l keW; eW;	31
04	jktLo] dWnh; ctV o djkjksi .k	35
05	vkfFKZd fu; kstu	39
06	l g&l czk	43
07	fopj.k , oafopj.k l pdkad	47
08	Hkkjr ea mnkjhdj .k	51
09	fl pkbZ , oaQl ya	55
10	Hkkjr ds iedqk m   ksx	59

## oLrfu"B

¼½ ,d 'kCn ea mRrj nft,

- (i) fofue; dsfy, fdrus i {kka dk gksuk vko'; d gS
- (ii) fofue; I sfdl sykHk gsrk gS
- (iii) cktkj dk egRoi wkZ rRo D; k gS
- (iv) vki ds'kgj dk cktkj {ks= dsoxhZdj.k ds vk/kkj ij dks I k cktkj gS
- (v) nSud mi ; ks I s I cfi/kr oLrq ds cktkj dksfdl uke I stkurs gS

½½ fjDr LFkkuka dh ifrZ dhft,

- (i) fofue; ----- izlkj ds gksrs gA
- (ii) oLrq fofue; dks ----- fofue; Hkh dgrs gA
- (iii) nksjk I q ks ----- fofue; ea vko'; d gA
- (iv) ifr; ksrk ds vk/kkj ij cktkj ds ----- izlkj gksrs gA
- (v) 'kkl u ds funZ kka ds foi jhr dk uku dk mYyaku djusokyk cktkj -----  
----- dgykrk gA

### 3/8 mfpr l cdk tkMks

v

- 1- oLrqds vny& cny dks
- 2- oLrqfoHkktu dh l eL; k
- 3- tks oLrq; k l ok yrk gS
- 4- i xMh ; k l kQs dk cktkj
- 5- Ørk , oafØrk dh vf/kd l d; k

c

- 1- i kns'kd cktkj
- 2- i wkZ cktkj
- 3- fofue; dgrs gA
- 4- oLrqfofue; ea
- 5- Ørk

### 4/4 cgfodYih; itu

l gh fodYi ij fplg yxkb,

3/4 ftu oLrqyka dk Ø; &foØ; fofHku jk'Vka ds chp gsrk gS &

- (i) i wkZ cktkj      (ii) vlrjkZVh; cktkj      (iii) LFkkuh; cktkj  
(iv) mijkDr l Hkh

1/2 l jkQk cktkj mnkgj.k gS &

- (i) fof'k"V cktkj      (ii) l keku; cktkj      (iii) ueus ds vud kj  
(iv) Jskh ds vk/kkj ds cktkj

1/4 1/2 Ørk , oafØrk dh de l d; k fdl cktkj ea gS &

- (i) i wkZ cktkj      (ii) vi wkZ cktkj      (iii) , dkf/kdkj cktkj  
(iv) mijkDr l Hkh

1/4 mfpr eV; dh nplku mnkgj.k g&

- (i) vo&k cktkj      (ii) o&k cktkj      (iii) dkyk cktkj  
(iv) dkbZ ugha

**1/5 1 R; , oa vI R; NkV,**

- 1- fofue; I sfdI h , d i {k gh ykHk gk&k g&
- 2- Hk&/ ; k nku fofue; dk mnkgj.k g&
- 3- fo&rk tks&pk yrk g&v&j oLrq; k I &k inku djrk g&
- 4- iw&Z ifr; k&xrk cktkj , d dkyifud fLFkr g&
- 5- de Hkkj rFkk vf/kd eV; okyh oLrqdk cktkj I dh.k&Z gk&k g&



## bdkbz 1 ¼mRrj½

¼1½ , d 'kCn ea mRrj nht,

- (i) nks      (ii) nksuka i {kka dks      (iii) mi HkkDrk  
(iv) nšud      (v) LFkkuh; cktkj

¼2½ fjDr LFkkuka dh i frz dhft,

- (i) nks      (ii) i R; {k      (iii) oLrq      (iv) rhu  
(v) dkyk ¼voškk½ cktkj

¼3½ mfpr I cak tkMks

v	C
1-	3-
2-	2-
3-	5-
4-	1-
5-	2-

¼4½ ¼v½ (ii) vDrjkZVh; cktkj

¼c½ (i) fof'k"V cktkj

¼d ½ (ii) vi wkZ cktkj

¼n½ (ii) oš| cktkj

¼5½ I R; @vI R;

1- vI R;      2- I R;

3- I R;      4- I R;

5- vI R;

## bdkbz 2

oLr(u"B i zu

¼½ , d 'kCn ea mRrj nft,

- (i) mRi fRr ds mi knkuka eamuds }kjk mRi kfnr /ku dk cVokjk D; k dgykrk g\$
- (ii) Hk&Lokh dks Hkfe ds mi ; kx ds cnys forj .k ea D; k feyrk g\$
- (iii) fjdkMkž dk yxku fl ) kar fdl vFkZ kL=h us fn; k\
- (iv) vo; Ld Jfedka dk nlt jk uke D; k g\$
- (v) l p; dk ijLdkj D; k g\$

½½ fjDr LFkkuka dh i frZ dhft,

- (i) Jfed dks Je ds cnys ----- dh i kflr gkrh g\$
- (ii) Hkfe i fr dks Hkfe ds mi ; kx ds cnys ----- fn; k tkrk g\$
- (iii) ykHk i kflr dk vf/kdkjh ----- gkrk g\$
- (iv) mRi knu ykxr dkVdj tksvk; i klr gkrh g\$og ----- yxku g\$
- (v) etnijh dk Hkqrku udn ; k epk ds: i eagksog ----- etnijh g\$

### 1/3 1/2 mfpr l cdk tkMks

v

c

1- l kgl h dks

1- yxku

2- i n̄t hi fr dks

2- etnjh

3- Jfed dks

3- C; kt

4- l x̄Bu dks

4- ykhk

5- Hk&Lokēh dks

5- oru

### 1/4 1/2 cgfodYi h; i zu

l gh fodYi ij fplg yxkb, &

1/4 1/2 vkfKzd yxku i klr gkrk gS &

(i) Hkfe dks            (ii) Jfed dks            (iii) l kgl h dks

(iv) i n̄t hi fr dks

1/c 1/2 eny/ku ds vfrfjDr n̄s /ku dgykrk gS &

(i) 'kq̄ C; kt            (ii) dgy C; kt            (iii) nksuka

(iv) dkbZ ugha

¼ ½ forj .k ea fgLI k vfuf' pr gkrk gS &

(i) Hkfeifr dk (ii) I kgl h dk (iii) Jfed dk

(iv) I Hkh dk

¼½ udn etnjh ds vfrfjDr i klr vU; I fo/kk gS &

(i) dy etnjh (ii) vkHkl h etnjh (iii) okLrfod etnjh

(iv) mi jkDr I Hkh

### ¼½ I R; vFkok vI R; NkV,

1- tul [ ; k of) jk"Vh; vk; de gkus dk , d i æ[ k dkj .k gA

2- vkjke vkj NqVV; k; okLrfod etnjh dks i Hkkfor ugha djrhA

3- vi ; klr vkenuh] vf' k{kk vkj vKkurk ckyJe dk dkj .k gA

4- iathifr dk iath ds ifrQy ea oru fn; k tkrk gA

5- dy ykHk ea 'kq) ykHk Hkh I fEefyr gA

## bdkbz 2 ¼mRrj½

oLr(u"B i zu

¼1½ ,d 'kCn ea mRrj nlf t,

- (i) forj.k            (ii) yxku            (iii) fjdkMkž us  
(iv) cky Jfed        (v) C; kt

¼2½ fjDr LFkkuka dh i frz dlf t,

- (i) etnjh            (ii) yxku            (iii) l kgl h  
(iv) vkfFKzd        (v) vl y ¼okLrfod½

¼3½ mfpr l cak tkMks

- 1- & 4]    2- & 3]    3- & 2]    4- & 5]    5- & 1

¼4½ cgfodYih; i zu

¼v½ (i)

¼c½ (ii)

¼d ½ (ii)

¼n½ (i)

¼5½ I R; @vI R;

1- I R;

2- vI R;

3- I R;

4- vI R;

5- I R;

### bdkbz 3

oLr(u"B izu

¼½ ,d 'kCn ea mRrj nift,

- (i) tgl; Ørk , oafØrkvkadh l d; k vf/kd gksrFkk cktkj dk iwZKku gksog dks l k cktkj gS
- (ii) iwZ ifrLi/kkZ ea oLrq dk eW; fu/kkZ .k fd l ds }kjk gsrk gS
- (iii) ftl fclnqij ekx , oa ifrZcjkj gks tkrh gSm l sD; k dgrs gS
- (iv) ftl cktkj ea iwZ ifr; ksrk dk vHko gksog dks l k cktkj gS
- (v) tc cktkj ea ,d gh mRiknd ; k foØrk dk vf/kdkj gksog n'kk D; k dgykrh gS

½½ fjDr LFkkuk dh ifrZ dhft,

- (i) ----- ifr; ksrk ea Ørk , oafØrk dks cktkj dk iwZ Kku jgrk gS
- (ii) ,d LFku l snw js LFku dks tkuk ----- dgykrk gS
- (iii) l kE; fclnqij oLrq dh -----, oa ----- cjkj gsrh gS
- (iv) ----- ea cktkj iwZ% vl xFB gsrk gS
- (v) ----- ea nks foØrk gsrk gS
- (vi) , dkf/kdkjh dk mnas; ----- yHk deku gsrk gS

### 1/3 1/2 mfpr l cdk tkMks

v

1- , d gh foØrk

2- nks gh foØrk

3- Ørk , oafoØrk dk vf/kd l æ; k

4- iwKz i fr; kfxrk dk vHkko

5- ekæ , oa i firZ l eku gks

c

1- viwKz i fr; kfxrk

2- , dkf/kdkj

3- }; kf/kdkj

4- l kE; eW;

5- iwKz i fr; kfxrk

### 1/4 1/2 cgfodYih; izu

#### l gh fodYi ij fplg yxtb, &

1/4 1/2 Ørk , oafoØrkvka dks cktkj dk iwKz Kku ughajgrk &

(i) iwKz i fr; kfxrk ea

(ii) viwKz i fr; kfxrk ea

(iii) mDr nksuka ea

(iv) mi jkDr dkbZ ugha

1/4 1/2 og eW; ftl ij foØrk oLrqcpus dks vks Ørk [kjhnus dks r\$ kj gks &

(i) l rgyu eW;

(ii) cktkj eW;

(iii) mDr nksuka

(iv) mi jkDr ea l s dkbZ ugha

¼ ½ ifr; kfxrk dk vHkko ik; k tkrk gS&

(i) iwKZ ifr; kfxrk ea (ii) viwKZ ifr; kfxrk ea

(iii) , dKf/kdkj ea (iv) vYi kf/kdkj ea

¼½ , dKf/kdkjh dk mnns; gksrk gS&

(i) I keKJ; ykHk (ii) U; ure ykHk

(iii) vf/kdre ykHk (iv) u ykHk u gkfu

¼½ tc cktkj eafdl h oLrqds nks gh foØrk gks &

(i) , dKf/kdkj (ii) }; kf/kdkj

(iii) vYi kf/kdkj (iv) I okZ/kdkj

## ¼½ I R; , oa vI R; NkV,

1- iwKZ ifr; kfxrk ea ifjogu ykxr dk vHkko ik; k tkrk gA

2- I Hkh cktkj ea iwKZ ifr; kfxrk dh fLFkfr i kbZ tkrh gA

3- viwKZ ifr; kfxrk , d dKyi fud fLFkfr gA

4- iwKZ ifr; kfxrk foØrk ea xyk dkV ifrLi/kkz mRiUu djrh gA

5- tc cktkj ea , d gh mRiknd ; k foØrk dk vf/kdkj gksml s vYi kf/kdkj dgrsgA



### bdkbz 3 ¼mRrj½

oLr(u"B izu

¼1½ ,d 'kCn ea mRrj nft,

- (i) iwKz ifr; kfxrk
- (ii) ekax , oa ifirz }kjk
- (iii) l kE; fclnq
- (iv) viwKz ifr; kfxrk cktkj
- (v) , dkf/kdkj

¼2½ fjDr LFkkuka dh ifirz dft,

- (i) iwKz
- (ii) xfr'khyrk
- (iii) ekax] ifirz
- (iv) viwKz
- (v) }; kf/kdkj
- (vi) vf/kdre

¼3½ mfpr l cdk tkMks

1- & 2] 2- & 3] 3- & 5] 4- & 1] 5- & 4

¼4½ cgfodYih; izu

¼v½ (ii) viwKz ifr; kfxrk ea

¼c½ (i) l rgyu eY;

¼d ½ (iii) , dkf/kdkj ea

¼n½ (iii) vf/kdre ykHk

¼b½ (ii) }; kf/kdkj

¼5½ l R; , oa vl R; NkfV,

1- l R;

2- vl R;

3- vl R;

4- l R;

5- vl R;

**oLr(u"B izu**

**¼½ ,d 'kCn ea mRrj nlfT,**

- (i) l æk rFkk jkT; l jdkj ds chp foRrh; l ædk dk v/; ; u fdl ds vrxr fd; k tkrk gS
- (ii) futh foRr ea dku l k ctV vPNk ekuk tkrk gS
- (iii) fdl h 0; fDr dh eR; qij ml ds }kjk NkMh xbZ l EifRr ij yxus okyk djA
- (iv) nsk ds vk; krka , oafu; kZka ij yxk; k tkus okyk djA
- (v) jkT; ds fl uek?kjk ij yxk; k tkus okyk djA

**½½ fjDr LFkkuka dh ifrZ dhft,**

- (i) Hkkjr ea l jdkjka dk ctV ----- l s i k j Ekk gkdj ----- ekpZ dks l eklr gkrk gS
- (ii) dj dk Hkkxrku ----- gS
- (iii) izfr'khy dj dk foijhr ----- dj gkrk gS
- (iv) l EifRr dj ----- dj dk mnkgj.k gS
- (v) dj viopu dk vk'k; ----- l s gS

### 1/3½ mfpr l cdk tkMks

v

1- vk; &0; ; l s vf/kd

2- 0; ; &vk; l s vf/kd

3- vk; , oa0; ; cjkj

4- jsy ea=h }kjk iLr¶

5- foRr ea=h }kjk iLr¶

c

1- ?kkVs dk ctV

2- l rfy ctV

3- cpr dk ctV

4- vke ctV

5- jsy ctV

### 1/4½ l R; , oa vl R; NkfV,

1- l jdkj }kjk turk l smxkgk x; k \_\_.k cktkj \_\_.k dgykrk gA

2- jktLo vk; vkj jktLo 0; ; dk varj jktLo \_\_.k dgykrk gA

3- l keU; ctV izkkuea=h vkj jsy ctV foRrea=h iLr¶ djrk gA

4- 'kq'd dk Hkqrku , sPNd gkrk gA

5- dj dk Hkqrku n¶ js0; fDr dks djuk gkrk gA

### 1/5½ cgfodYi h; iZu

l gh fodYi ij fplg yxkb, &

1/4½ ctV dk fuekZk vko' ; d gs&

(i) 0; fDr dsfy, (ii) l lFkk dsfy, (iii) l jdkj dsfy,

(iv) fdl h dsfy, ugha

1/2 NRrhI x<+dsfoRr e=h g&

- (i) c'tekgu vxoky      (ii) vej vxoky      (iii) MKW jeu fl g  
(iv) MKW Ñ".kefirZ

1/4 1/2 vfuok; ZHkqrku gS&

- (i) 'kYd      (ii) dj      (iii) \_\_.k  
(iv) mDr I Hkh

1/4 1/2 0; fDrxr ykHk feyrk gS&

- (i) dj dscnys      (ii) 'kYd dscnys      (iii) nksjka ea  
(iv) dHkh ugha

## bdkbz 4 ¼mRrj½

¼½ ,d 'kCn ea mRrj nft,

- (i) l ækh; foÿk                      (ii) ykHk dk                      (iii) eR; ødj  
(iv) l hek 'kÿd                      (v) eukjatu dj

½½ fjDr LFkkuka dh i frz dhft,

- (i) 1 vi & y] 31 ekpl                      (ii) vfuok; l                      (iii) i xfrxkeh  
(iv) i R; {kdj                      (v) djka dh pkjh

¾½ mfpr l æk tkMks

1- & 3] 2- & 1] 3- & 2] 4- & 5] 5- & 4

¼½ l R; , oa vl R; NkV,

1- l R; ] 2- l R; ] 3- vl R; ] 4- l R; ] 5- vl R;

½½ cgfodYih; i zu

¼½ (iii) l jdkj dsfy,

½ (iii) MKW j eu fl ø

¼ ½ (ii) dj

¼½ (ii) 'kÿd dscnys

**oLrfu"B i'z u**

**¼½ ,d 'kCn ea mRrj nift,**

- (i) ; kst uk vk; ksx dk v/; {k dksu gš
- (ii) xk/kh ; kst uk dk fuekZk fdI I u~ea gq/k\
- (iii) i Fke ; kst uk dh vof/k fyf[k, A
- (iv) vc rd fdruh okf"kd ; kst uk, j ykxwgp\
- (v) X; kjgoha i po"khz ; kst uk dk i kjEHk dc I s gq/k\

**½½ fjDr LFkkua dh i frZ dhft,**

- (i) ----- fu; kst u dh i fØ; k dk vk/kkj I kekftd ykHk gš
- (ii) 20 I #h; dk; Øe Hkh ----- fu; kst u dk gh fgLI k FkkA
- (iii) ; kst uk vk; ksx dk xBu ----- dks gq/kA
- (iv) 6 vxLr 1952 dks ----- dk xBu gq/kA
- (v) 1966 I s 1969 rd dh vof/k dks ----- dsuke I s tkuk tkrk gš

**¾¾ mfpr I cak tkMks**

v	c
1- i Fke i po"khz ; kst uk	1- 1 višy 1978 I s i kjEHk
2- rhu okf"kd ; kst uk, j	2- oržku ea pkyw
3- NBoha i po"khz ; kst uk, j	3- 1 višy 1951 I s
4- X; kjgoha i po"khz ; kst uk	4- 1966&67 I s 1968&69
5- vuojr ; kst uk	5- 1980&85

## 1/4 1/2 cgfodYih; i7u

I gh fodYi ij fplg yxtb,&

1/4 1/2 vkfFkZd fu; kstu vk/kkj gS&

- (i) vkfFkZd fouk'k (ii) vkfFkZd fodkl (iii) mDr nksuka  
(iv) dkbZ ugha

1/4 1/2 vkfFkZd fu; kstu dk jktufrd mnas; gS&

- (i) dlnh; I Rrk (ii) I j {kk (iii) usrdrk ea of)  
(iv) mDr I Hkh

1/4 1/2 ; kst uk vk; ksx dh LFkki uk fdI dh v/; {krk ea gpZ &

- (i) xk/khth (ii) I jnkj i Vsy (iii) ia tokgj yky ug:  
(iv) euekgu fl g

1/4 1/2 1966&69 rd dk dk; Zky tkuk tkrk gS&

- (i) rrih; i po"khZ ; kst uk (ii) vuojr ; kst uk (iii) rhu okf"kd ; kst uk  
(iv) mi jkDr ea I s dkbZ ugha

## 1/5 1/2 I R; , oa vI R; NkfV,

1- 2008&2012 ckjgoha i po"khZ ; kst uk gA

2- i po"khZ ; kst ukvka I s nsk dks dkbZ ykHk ugha gA

3- vkfFkZd fu; kstu nsk ds fodkl ea ck/kd gA

4- vkfFkZd fu; kstu dh i e[ k I eL; k HkZVkpj gA

5- i zkkuea=h ; kst uk vk; ksx dk mi k/; {k gkrk gA

## bdkbz 5 %mRrj½

¼½ , d 'kCn ea mRrj nlf t,

(i) izkkue=h] (ii) 1944] (iii) 1951&56] (iv) rhu] (v) 2008

½½ fjDr LFkkuka dh i frZ dhft,

(i) vkfFkZd] (ii) vkfFkZd] (iii) 15 ekpZ 1950]

(iv) jk"Vh; fodkl i fj"kn] (v) ; kst uk vodk'k

¾½ mfpr I cdk tkMks

1&3] 2&4] 3&5] 4&2] 5&1

¼½ cgfodYih; izu

¼½ (ii) vkfFkZd fodkl

½ (ii) I j {kk

¼ ½ (iii) ia tokgj yky ug:

¼½ (iii) rhu okf"kd ; kst uk

½½ I R; , oa vl R; NkfV,

1- I R;

2- vl R;

3- vl R;

4- I R;

5- vl R;



## bdkbZ 6

oLr(u"B iZu

¼½ , d 'kCn ea mRrj nift,

- (i) foofj.kkRed I kfi[; dh; eki D; k gS
- (ii) nks I ed ekykva dk , d gh fn'kk ea ifjorZu D; k dgykrk gS
- (iii) ; fn I g&I æk xqkkæ ¼&½ \_\_.k vkrk gS rks ; g dks I k I g I æk gksk\
- (iv) I g I æk nks Jf.k; ka dse/; fdrus izkj I sgks I drsgS

¼½ fjDr LFkkuka dh ifrZ dhft,

(i)  $\bar{X} = \frac{\sum X}{\dots\dots\dots}$       (ii)  $r = \frac{\dots\dots\dots}{N\delta x\delta y}$

- (iii) ; fn xqkkæ ----- gks rks I g I æk dk vHkko ekuk tkrk gA
- (iv) I g I æk ----- izkj ds gksrs gA

(v)  $P = 1 - \frac{(6\sum D^2)}{\dots\dots\dots}$

### 1/3½ mfpr l æk tkMks

v

1- dkyZfi ; l ù dk l g l æk xqkkæd

2- fLi ; j eð dh dksV vUrj fof/k

3- fopyu dk ; ksx

c

1-  $dx$

2-  $P = 1 - \frac{(6\sum D^2)}{N^3 - N}$

3-  $r = \frac{\sum dxdy}{N\delta x\delta y}$

### 1/4½ l R; , oa vl R; NkfV,

1- l g&l æk eq; : i l snkspjkædse/; l æk dh eki gð

2- l g&l æk nkspjkaædse/; l æk/kr ?kVukvka dk i ðkZupku ughayxkrkA

3- dkyZfi ; l ù dk l g l æk xqkkæd nks Jf.k; kaædse/; dk; l dkj.k

l æk dks ughan'kkZrkA

4- tc nkspjkaæa i fjoZu , d gh fn'kk ea rFkk , d gh vuq kr eagks rks , ð k l g l æk /kukRed l g&l æk dgykrk gð

5- l g&l æk eq; : i l snkspjkædse/; l æk dh eki gð

## ბიჭვ 6 მრჩვ

112 ,d 'kcn ea mRrj nft,

- (i) I g&l cdk] (ii) /kukRed I g&l cdk] (iii) \_\_.kkRed I g&l cdk  
(iv) 3

122 fjDr LFkkuka dh i frz dhft,

- (i)  $N]$  (ii)  $\sum dx dy$   
(iii)  $0 ]$  (iv)  $2]$  (v)  $N^3 - N$

132 mfpr I cdk tkMks

1&3] 2&2] 3&1

142 I R; ,oa vI R; NkV,

1- I R;

2- vI R;

3- vI R;

4- I R;

5- I R;

## bold 7

oLr(u"B i zu

¼½ , d 'kñ ea mRrj nift,

(i)  $\delta$  D; k g

(ii)  $M$  D; k g

(iii)  $Q.D. = \frac{Q_3 - Q_1}{2}$  D; k n'kkrk g

(iv) tc fdl h Jskh dh eki ml h Jskh dh fujišk bold 7 l sgks rks ; g vi fdj.k dh dks l h eki gksh

(v) vi fdj.k dh ?kkf fdl sdgrsg

½¾ fJDr LFkkuka dh i frz dhft,

(i) i d kj] fc[kjko rFkk fopj.k dsuke l s ----- dks tkuk tkrk g

(ii) l kišk vi fdj.k eki dks vi fdj.k ----- dgrsg

(iii) ek/; fopyuka dh x.kuk ea l Hkh fopyuka dks ----- ekuk tkrk g

¾¾ I R; , oa vi R; NkV,

1- ek/; fopyu dh x.kuk dh 4 fof/k; k; g

2- rhuka ek/; ka l s i ktr fopyuka ea l ekurk ugha gksh

3- vifdj.k dh x.kuk dk eq; mnns; Jskh ds ek/; dh fo'ol uh; rk  
fuf'pr djuk gA

4- fopj.k dks vifdj.k ugha djra

5- prfk fopyu I e>usrfk x.kuk dh nf"V I sl jy fof/k gA

## bdkbz 7 ¼mRrj½

oLr(u"B izu

¼½ ,d 'kCn ea mRrj nift,

- (i) MŸV[k] (ii) ef/; dk] (iii) prfkd fopyu] (iv) fuji{k  
(v) ek/; &fopyu dks

½½ fjDr LFkkuka dh ifrz dhft,

- (i) vifdj.k  
(ii) xqkkad  
(iii) /kukRed

¾¾ I R; ,oa vI R; NkfV,

- 1- vI R;  
2- I R;  
3- I R;  
4- vI R;  
5- I R;

## bold 8

oLr(u"B i/u

¼½ ,d 'kCn ea mRrj nift,

- (i) xS/ dk l eki u dc gϕk\
- (ii) xS/ ea vc rd fdrus pØ gks pϕs g&
- (iii) xS/ dk oržeku uke D; k g&
- (iv) mRi knu dh ubZ rduhd , oa < x dks D; k dgrs g&
- (v) bokuk l Eesyu ds nks ku xS/ ds fdrus l nL; Fks

½½ fjDr LFkkuka dh i frZ dhft,

- (i) w.T.O. dk tle ----- ea gϕkA
- (ii) ^tuyj , xheSv vkWV VsjQ , M VM\* dk l i{klr uke ----- g&
- (iii) I.M.F. dk ijk uke ----- g&
- (iv) fonsh eϕk dkuu ----- g&

### 3½ mfpr l cdk tkMks

v

- 1- 1947 ea
- 2- 12 fnl - 1995 ea
- 3- tykbz 1991 ea
- 4- w.T.O.
- 5- I.M.F.

c

- 1- Hkkjr rh; : i ; s dk voelY; u
- 2- fo'o 0; ki kj l xBu
- 3- tusk ¼i gyk pØ½
- 4- vrjkZVh; epk dksk
- 5- xS/ dk l eki u

### 4½ l R; , oa vl R; NkV,

- 1- Hkkjr xS/ dk iæqk l nL; gA
- 2- 26 tuojh 1995 dks w.T.O. dk tle gqkA
- 3- Hkkjr ij xS/ dk ifrdny i Hkko vf/kd gqkA
- 4- xS/ l e>sk vlrjkZVh; 0; ki kj l e>sk ugha gA
- 5- m: Xosn'sk dh okrkZfl rEcj 1986 ea gqZftl ea 105 n's kka us Hkkx fy; kA



## bdkbz 8 %mRrj½

¼½ ,d 'kCn ea mRrj nft,

- (i) 12 fnl Ecj 1995] (ii) vkB] (iii) fo'o 0; ki kj l æBu
- (iv) vk/kfudhdj .k] (v) 23

½½ fjDr LFkkuka dh i frz dhft,

- (i) 1 tuojh 1995] (ii) w.T.O., (iii) vlrjkZVh; eqk dkSk
- (iv) FERA

¾½ mfpr l cak tkMks

1&3] 2&5] 3&1] 4&2] 5&4

¼¼ I R; ,oa vI R; NkV,

1- I R;

2- vI R;

3- I R;

4- vI R;

5- I R;

**oLr(u"B izu**

**¼½ ,d 'kCn ea mRrj nft,**

- (i) ^ejs l iuka dk Hkkjr\* uked i qrd fdl usfy [kk gS
- (ii) ^rkykcka dk jkT; \* fdl s dgk tkrk gS
- (iii) fl pkbz dk 0; fDrxr l k/ku dks l k gS
- (iv) ty l smRi kfnr fo | r dks D; k dgrs gS
- (v) nf{k.k l smRrj dh vkj cgusokyh , dek= unhA
- (vi) xkfoln l kxj l jkaj dgk fLFkr gS

**½½ fjDr LFkkuka dh ifrZ dhft,**

- (i) fl pkbz l s Hkfe dh mRi kndrk ea de l s de ----- xpk of) gkrh gS
- (ii) Hkkjr ea uydih dk fueZk l oZ Fke l u----- ea gpk FkA
- (iii) ugjka ds fdukjs ----- jk .k l Hko gS
- (iv) Vsul h unh ?kkVh ; kstuk ----- dh ; kstuk gS
- (v) cggnns'kh; ; kstuk dk 'kkfey vFkZ ----- gS
- (vi) Hkk[kMk&ukxy ck/k ----- unh ij fLFkr gS
- (vii) iVI u dh [krh l okZ/kd ----- jkT; ea gkrh gS
- (viii) ----- pk; dEi uh Hkkjr ea iFke pk; dEi uh cuhA

(ix) gekjh pk; dk l cl s cMk xkgd ----- gA

(x) e/; i nsk l ks kchu mRi knu ea ----- LFkku ij gA

**1/3 1/2 mfpr l cdk tkMks**

v

c

1- nygu , oafrygu

1- vl e

2- l ks kchu

2- egkj k"V<sup>a</sup>

3- i æq[ k pk; mRi knu

3- Hkkj eno 1/2 do/kk 1/2

4- l cl s vf/kd Tokj mRi knu jkT;

4- l ks kchu

5- NRrhl x<+dk , dek= 'kDdj dkj [kkuk

5- e/; i nsk

**1/4 1/2 l R; , oa vl R; NkfV,**

1- fl pkbZ l sl jdkj ds jktLo ea of) gksrh gA

2- NRrhl x<+ea ugjka l sfl pkbZ ugha gksrhA

3- i kÑfrd rkyk dks ^>hy\* ; k ^rky\* dgk tkrk gA

4- nkekñj unh ?kkVh ; kstuk jktLFkku jkT; ea gA

5- udn Ql yka dks [kk | klu Ql ya Hkh dgrs gA

6- di kl dsfcukSys dk mi ; ksx i 'kq/ka ds pkjs ds : i eafd ; k tkrk gA

7- l ks kchu l smRre dk fV dk i ks/hu i klr gksrk gA

## bdkbz 9 ¼mRrj½

¼1½ ,d 'kCn ea mRrj nlfT,

- (i) jk"Vfi rk egkRk xk/kh] (ii) rfeyukM] (iii) uydñ  
(iv) ty&fo |r] (v) pEcy (vi) Hkk [kMk ea

¼2½ fjDr LFkkuka dh iñrZ dhft,

- (i) N% (ii) 1930] (iii) o{kk] (iv) I a Ør jkT; vefj dk  
(v) dbZ mnñš ; ka dks i jk djus okyh ; kst uk  
(vi) I ryt] (vii) if'pe cakky] (viii) vl e] (ix) fcM/su (x) i Fke

¼3½ mfpr I cak tkMks

1&4] 2&5] 3&1] 4&2] 5&3

¼4½ I R; ,oa vl R; NkV,

1- I R;

2- vl R;

3- I R;

4- vl R;

5- I R;

6- I R;

7- I R;

**oLr(u"B izu**

**¼½ ,d 'kCn ea mRrj nft,**

- (i) fdl uxj dks i dZ dk ckLVu dgrsg
- (ii) Hkkjr dk eupLVj fdl sdgrsg
- (iii) tW m |ks i æk : i l sfdl jkT; ea g
- (iv) Li at vk; ju ds mRi knu ea Hkkjr dk fo'o ea dks & l k LFkku g
- (v) l r h di Mka dh jkt/kkuh fdl jkT; dks dgk tkrk g
- (vi) Hkkjr ea igyh tW fey fdl l u~ea LFkfi r dh x; h\

**½½ fjDr LFkku dh i frZ dhft,**

- (i) Hkkjr h; tW fuxe dh LFkki uk o"lz ----- ea dh xbA
- (ii) Hkkjr ea ----- jkT; ea dkxt feyka dh l æ; k vf/kd g
- (iii) dkxt dk mRi knu ----- ea vf/kd gsrk g
- (iv) 1907 ea ----- uked txg ij yk & bLi kr dkj [kkuk LFkfi r gvkA
- (v) fhkykbz LVhy lyk/ dh LFkki uk l u~ ----- ea gv k FkA
- (vi) LVhy vFkkVj Vh vk d bM; k fyfeVM dk l æ{klr uke ----- g
- (vii) phuh m |ks ----- ij fuHkj g

### 1/3 1 R; ,oa v1 R; NkV,

- 1- tW 1980 ea jk"Vh; tW fuekzk I ak dh LFkki uk dh xba
- 2- mRrj inak ea dxxt feyka dh I ak; k I cl svf/kd ga
- 3- vEykbz ea tW dk dkj [kkuk ga
- 4- Hkkjr eq; r%ckayknak I sdPps tW dk vk; kr djrk ga
- 5- NRrhl x<+ds flkykbz uked LFky ij yk&bLkr dkj [kkuk fcWu ds I g; ks I sfufeR ga
- 6- oraku ea Hkkjr fo'o dk I cl scMk puh mRi kend nak ga

## bdkbz 10 ¼mRrj½

¼1½ ,d 'kCn ea mRrj nlf't,

- (i) vgenkckn]      (ii) dkş EcVj      (iii) i'pe caxky  
(iv) i Fke]      (v) e[cbzo vgenkckn      (vi) 1855

¼2½ fjDr Lfkuka dh i'f'z dlf't,

- (i) 1971]      (ii) egkj k"V]      (iii) i'pe caxky]      (iv) I kdph]  
(v) 1959]      (vi) SAIL]      (vii) xlluk

¼3½ I R; ,oa vI R; NkfV,

1- I R;

2- vI R;

3- vI R;

4- I R;

5- vI R;

6- I R;

fo" k; %& 0; ogkfj d vFkZ kkl= , oa okf.kfT; d

Hkkksy

bdkbz & 01

fofue; , oa cktkj

vfr y?kqñÜkj h; i zu

izu 1& ek'kzy ds vuq kj fofue; dh ifjHkk"kk nhft, A U

izu 2& fofue; fdrus izdkj dh gkrh gS\ uke nhft, A K

izu 3& oLrqfofue; dh nks vko'; d n'kk, acrk; sA K

izu 4& nku , oa HkV/ fofue; D; ka ugha dgykrh gS\ U

izu 5& viR; {k fofue; fdl sdgrs gS\ K

izu 6& cktkj dh , d I oëku; ifjHkk"kk nhft, A K

izu 7& 'kq) cktkj I sD; k vk'k; gS\ K

izu 8& ek=k ds vk/kkj ij cktkj fdrus izdkj dh gkrh gS\ uke fy [kkA K

izu 9& 'kh?kz u"V gksus okyh oLrq/ka dk cktkj fdl izdkj gkrk gS\ U

izu 10& fdl cktkj ea oLrq dh ekax , d jkT; rd I febr gkrk gS\ K

izu 11& fofue; dh oëkkfudrk fdu ckrka ij fuHkj djrh gS\ U

y?kqñÜkj h; i zu

izu 1& Hkkjr ds xkeh.k {ks=ka ea oLrq fofue; vkt Hkh ipfyr gS\ dkj.k nhft, A U



- izu 2& oLrqfofue; ea nšk dsfodkl dh l Hkkouk de jgrk g\$ D; ka \ U
- izu 3& ifjHkk"kk ds vuq kj fofue; ds y{k.k crkb; sA U
- izu 4& fcØh ds vk/kkj ij cktkj ds izdkj crkb; sA U
- izu 5& Hkk&ksyd nf"V l sctkj ds izdkjka dks l e>kb; sA U
- izu 6& oLrq fofue; ea Ø; 'kfdR ds gLrkaj.k dh l eL; k jgrh g\$ \ l e>kb; sA
- izu 7& fuEu oLrqka dk cktkj fd l izdkj dk gkrk g\$ &  
 $\frac{1}{4}\frac{1}{2}$  feVVh] iRFkj] jr  $\frac{1}{2}\frac{1}{2}$  gjh l fct; kq nwk  $\frac{1}{3}\frac{1}{2}$   
l ksk&pknh  $\frac{1}{4}\frac{1}{2}$  i xMh , oa l kQk  $\frac{1}{5}\frac{1}{2}$  /ksh , oa l kMh

nh?kz mÜkj; izu

- izu 1& viR; {k fofue; izkkyh l s oLrq fofue; ds nšška dks nij fd; k tk l drk gSA foopuk dhft, A s
- izu 2& fofue; l snšk dks dks&dks l sykHk i ltr gkrsg\$ \ K
- izu 3& oLrqka ds xqk cktkj dks i Hkkfor djrsgSA l e>kb; sA U

&&00&&

## bdkbz & 02

forj.k] yxku] etnijh] C; kt , oa ykHk

vfr y?kqñÜkjh; izu

izu 1& I k/kuka dk forj.k fdu fl ) karka ds vk/kkj ij fd; k tkrk gS\ uke  
fyf[k, A K

izu 2& fjdkMkz ds vuq kj yxku dks i fjHkkf"kr dhft, A U

izu 3& iz fonk yxku fdl sdgrsgS\ K

izu 4& forj.k i fØ; k ea I k/kuka ds forj.k dk Øe D; k gS\ U

izu 5& vkHkkI yxku 'kCn dk iz; kx I oñ Eke fdl usfd; k \ K

izu 6& fdu I k/kuka ds chp forj.k dk; Zgkrk gS\ K

izu 7& ifr 0; fDr , oajk"Vh; vk; eanks varj nhft, A U

izu 8& ^Je I ok dscnysnh xbz dher etnijh gSA\*\* ; g i fjHkk"kk fdl usnh  
gS\ U

izu 9& C; kt D; ka fn; k tkrk gS\ U

izu 10& I keku; ykHk I sD; k vk'k; gS\ K

izu 11& ykHk ij fdl dk vf/kdkj gkrk gS\ K

izu 12& udn etnijh] okLrfod etnijh dks i Hkkfor djrh gSA ds s\ U

y?kqñÜkjh; izu

izu 1& I hekur mRi kndrk fl ) kar D; k gS\ mnkgj.k I fgr I e>kb; sA U

- izu 2& vk; x.kuk fof/k }kjk jk"Vh; vk; dh x.kuk fdl iækj dh tkrh gS\ K
- izu 3& ykHk ,oaC; kt ea varj nhft, A ¼dkbZ rhu½ U
- izu 4& dty C; kt ea dks&dks I s rRo 'kkfey jgrsgS\ K
- izu 5& Hkkjr ea ckyJe ds dkj.k dks&dks I h gkfu; ka gkrh gS\ K
- izu 6& eæxsetnjj I LrsgkrsgS rhu dkj.k nhft, A U
- izu 7& vkfFkZd yxku ,oa vkHkkI yxku ea 4 varj fyf[k, A U
- izu 8& D;k dkj.k gS fd fodfl r ns'kka dh vi\$kk Hkkjr ea C; kt dh nja vf/kd gS\ S
- izu 9& ykHk dks ; kX; rk dk ijLdkj dgk x; k gSA D; ka\ K
- izu 10& oLrq ds eW; ds I ekuj I k/ku dk eW; Hkh fu/kkZjr gkrk gSA I e>kb; sA U

nh?kZ mUkjh; izu

- izu 1& forj.k dh I eL; kvka dks I e>kb; sA U
- izu 2& fjdkMkZ ds fl )kar dh iæ[kk crka dks fyf[k, A K
- izu 3& fdu dkj.kka I setnjjh dh nj ea fhkkJurk i kbZ tkrh gS\ U
- izu 4& ykHk ds fu/kkZj.k ds fofhkkU fl )kar ka dks I e>kb; sA U

&&00&&

## bdkbz & 03

i wkZ ifr; kfxrk] vi wkZ ifr; kfxrk] , dkf/kdkj ifr; kfxrk cktkj  
vfr y?kqñÜkj; i zu

izu 1& cktkj eafdrus izdkj dh ifr; kfxrk gkrh gS\ uke nhft, A K

izu 2& fdl ifr; kfxrk ea Ørk vkj fo Ørkvka dh cMh I q; k gkrh gS\ K

izu 3& i wkZ ifr; kfxrk I snks gkfu; ka crkb; sA K

izu 4& ftl fclnqij ekæ , oa i firZ dh js[kk, a, d&ni js dks dkVrh gSmI s  
D; k dgrs gS\ K

izu 5& }; kf/kdkj cktkj dh fo'kSkrrk, a crkb; sA K

izu 6& i firZ ij i wkZ fu; æ.k fdl ifr; kfxrk cktkj ea gkrh gS\ K

izu 7& cktkj eW; I sD; k vk'k; gS\ K

izu 8& D; k I Hkh oLrpyka dk cktkj eW; gkrk gS\ K

izu 9& I e; ds vk/kkj ij cktkj dks fdrus Hkkxka ea cka/k x; k gS\ uke  
nhft, A K

izu 10& ek'ky us I keku; eW; dh rnyuk fdul sfd; k gS\ U

y?kqñÜkj; i zu

izu 11& 'kq) , dkf/kdkj dh fLFkfr dkYi fud gkrh gSA I e>kb; sA U

izu 12& , dkf/kdkjh vi uk mnæs; fdl izdkj ijk djrk gS\ U

izu 13& cktkj eW; , oa I keku; eW; ea I caak dks crkb; sA U

izu 14& D; k i wkZ ifr; kfxrk ea vl keku; ykHk gks I drk gS\ K

- izu 15& cktkj eW; dS sfu/kkZjr gkrk gS\ K
- izu 16& l kekl; eW; dks nh?kZdkyhu eW; D; ka dgk tkrk gS\ K
- izu 17& vYidky eaQeZ dk l rgyu fdl izdkj fu/kkZjr gkrk gS\ U

nh?kZ mUkjh; izu

- izu 18& viwkz ifr; kfxrk D; k gS\ bl dsfofHkUu : i ka dks l e>kb; sA U
- izu 19& iwkz ifr; kfxrk ea l rgyu eW; fdl izdkj fu/kkZjr gkrk gS\ j[ kfp= dh l gk; rk l s l e>kb; sA S

&&00&&

## bdkbz & 04

jktLo dlnh; ctV , oa dj kjksi .k

vfr y?kqUkjh; izu

- izu 1& ykd folk l sD; k vk'k; gS\ K
- izu 2& l keftd dY; k.k ea of) grqjktLo vko'; d gks dS s\ K
- izu 3& folk ea-h dh l Qyrk jktLo dsKku ij fuHkj djrh gS\ l e>kb; A U
- izu 4& ykd \_\_.k fdl s dgrs gS\ K
- izu 5& dj kjksi .k l sD; k vk'k; gS\ K
- izu 6& 'kyd , d vfuok; ZHkqrku ughagSA l e>kb; sA U
- izu 7& iR; {k dj fuf' pr gkrsgSA l e>kb; sA U
- izu 8& jkT; l jdkj }kjk vkjksi r iR; {k djka dsuke fyf[k, A K

izu 9& fof'k"V dj fdl sdgrsgđ\ K  
izu 10& iæfr'khy dj fdl sdgrsgđ\ K

y?kqñÜkjh; izu

izu 11& Hkkjrh; dj izkkyh ea dks&dks I snkšk gS\ ¼dkbz rhu½ K  
izu 12& ,dy dj izkkyh D; k gksh gS\ I e>kb; sA U  
izu 13& 'kŷd ,oaew; earhu varj nhft, A U  
izu 14& rhu iR; {k djka dks I e>kb; sA U  
izu 15& ifrxkeh , oav/kkskeh dj fdl sdgrsgđ\ K  
izu 16& viR; {k djka ds N% mnkgj .k nhft, A U  
izu 17& dks I k dj JšB gS\ iR; {k ; k viR; {k dj} I e>kb; sA U  
izu 18& ijksk dj ds rhu xqkka dks fyf[k, A K  
izu 19& jktLo foKku D; ka gS\ U  
izu 20& jktLo ds v&ka dsuke crkb; sA K

y?kqñÜkjh; izu

izu 21& ykd foUk dk dkbZ4 egRo crkb; sA S  
izu 22& djjki .k ds vk/kŷud fl ) k&ka dks I e>kb; sA U  
izu 23& , d JšB dj izkkyh dh fo'kškrk, a crkb; sA S

&&00&&

## bdkbZ & 05

vkfFkZd fo; kstu , oa i po"khZ ; kst uk, a

y?kqñÜkjh; iZu

iZu 1& vkfFkZd fu; kstu l sD; k vk'k; gS\ K

iZu 2& vkfFkZd fu; kstu l si wZfu/kkZjr mnñS; ka dh i kflr gkrh gA dS s\ U

iZu 3& fdu jktuñrd mnñS; ka dsdkj.k vkfFkZd fu; kstu fd; k tkrk gS\ K

iZu 4& ; kst uk vk; kx dk xBu dc fd; k x; k \ K

iZu 5& igyh i po"khZ ; kst uk dc i kjñk gñk \ K

iZu 6& igyh i po"khZ ; kst uk ds nks i æqk mnñS; crkb; s\ K

iZu 7& vuojr ; kst uk l sD; k vñki k; gS\ K

iZu 8& D; k vkfFkZd fu; kstu vkfFkZd fØ; kvka dks l pkyr djus dh JŠB  
iz kkyh gS\ S

iZu 9& Hkkjr eafdruh i po"khZ ; kst uk i wkZ gks pñh gS\ K

iZu 10& i po"khZ ; kst ukvka dh : i js[kk @ dk; ðe fdl foHkkx }kjk r\$ kj  
fd; k tkrk gS\ K

y?kqñÜkjh; iZu

iZu 11& ^bñM; k fotu 2020\*\* ds i æqk rhu fclñq/vka dks crkb; sA K

iZu 12& ; kst uk vk; kx ds D; k dk; Z gS\ K

iZu 13& okf"kdh ; kst uk, aD; ka i kjñk dh xbZ\ K

iZu 14& i po"khZ ; kst ukvka ds pkj i æqk mnñS; crkb; s\ K

i zu 15& i po"khz ; kst ukvka l s D; k vk'k; gS \ Hkkjr ea fdruh i po"khz ; kst uk, a l a lu gks pph gS \ K

i zu 16& rhl jh i po"khz ; kst uk dh vl Qyrk ds eq; dkj .k crkb; s \ K

i zu 17& D; k vkfFkd fu; kstu l s l ekt dks ykHk i klr gkrk gS \ fdUgh rhu fclnqka ds vk/kkj ij l e>kb; s A U

nh?kz mUkjh; i zu

i zu 18& vkfFkd fu; kstu dh l eL; k, a crkb; s \ K

i zu 19& i po"khz ; kst ukvka dks vf/kd l Qy cukus ds fy, l pko nift, A s

i zu 20& vkfFkd fu; kstu ds vkfFkd mnns ; ka dks l e>kb; s A 1dkb 5 1/2 U

&&00&&

## bdkbZ & 06

### I gl ECU/k

vfr y?kqUkjh; i zu

i zu 1& I g l aak l s D; k vk'k; gS \ K

i zu 2& vkf'kd I g l ECU/k fdl s dgrsgS \ K

i zu 3& 'kd; I gl aak fdl s dgrsgS \ K

i zu 4& dksV varj fof/k l s l gl aak Kkr djus dk l # fyf[k, A U

i zu 5& I gl aak Kkr djus dh fdUgh nks fof/k; ka ds uke crkb; s A K

i zu 6& dksV I gl aak xqkkad l s D; k vk'k; gS \ K



izu 7& dkyzfi ; I ū dh jhfr dks I gl ædk Kkr djus dh I oJŠB jhfr ekuh tkrh gš D; ka \ U

izu 8& dkyzfi ; I ū ds I gl ædk xqkkæ Kkr djus dh i R; {k jhfr dk I ≠ nhft, A K

y?kqñkjh; izu

izu 9& dkyzfi ; I ū dh jhfr dh i ædk rhu fo'kškrk, acrk; sA K

izu 10& fuEu Lrjh; I gl ædk D; k gksrk gš \ K

izu 11& /kukRed , oa\_\_ .kkRed I gl ædk ea rnyuk dhft, A U

izu 12& dksV varj fof/k ea l eku Øe dsfy, I ≠ nhft, , oal e>kb; sA U

nh?kz mñkjh; izu

izu 13& fuEu I puk ds vk/kkj ij dkyzfi ; I ū dk I g I ædk xqkkæ Kkr dhft, & s

	fooj .k	X	Y
(i)	i nka dh I a[ ; k	10	10
(ii)	Ekk/;	25	22
(iii)	Ekk/; I sfopyu ds oxkã dk ; kx	140	140
(iv)	rFkk Jskh ds fopyu ds xqkuQyka dk ; kx $\frac{3}{4}$ 122		

izu 1& dksV vrj jhfr l s l gl cdk xqkkad Kkr dhft, A s

X	5	6	7	4	3	2	1
Y	4	3	7	5	1	2	6

&&00&&

bdkbz & 07

fopj.k , oa fopj.k xqkkad

vfr y?kqñkjh; izu

izu 1& vifdj.k l sD;k vk'k; gS\ K

izu 2& vifdj.k dh eki dsmnñs; crkb; sA K

izu 3& fo{ki .k dseki dh fdruh jhfr; ka gS\ uke fyf[k, A K

izu 4& prfkd fopyu dk l = fyf[k, A K

izu 5& prfkd fopyu xqkkad dk l = fyf[k, A K

izu 6& ek/; fopyu l sD;k vk'k; gS\ K

izu 7& ek/; fopyu dh x.kuk fdruh fof/k; ka l s fd;k tkrk gS\ uke nhft, A K

izu 8& 0; fDrxr Jskh ea prfkd fopyu d\$ sKkr fd;k tkrk gS\ U

y?kqñkjh; izu

izu 9& ek/; fopyu dsrhu xqk fyf[k, A K

i/u 10& ek/; fopyu Kkr djrsI e; dk& I h kra/; ku j [kuh vko'; d gS\ U

i/u 11& v[kMr Jskh ea ek/; fopyu Kkr djus dh i fØ; k crkb; sA U

i/u 12& ek/; fopyu ds rhu nkSk crkb; sA K

nh?kZ mUkjh; i/u

i/u 13& fuEu vkMl sef/; dk ds ifjre/; fopyu dh x.kuk dhft, A s

Øe I d; k	1	2	3	4	5	6	7	8	9
i k r k d	15	20	23	23	24	25	28	30	46

i/u 14& fuEu vkMl dh I gk; rk I sprfkd fopyu , oafopyu xqkkd Kkr dhft, & s

i n eW;	3	5	7	9	11	13
vkofr	2	1	4	5	3	2

&&00&&

## bdkbZ & 08

Hkkjr ea mnkjhdj.k , oa Hkkjr ds i kÑfrd I d k/ku  
vfr y?kqñÜkjh; i zu

- izu 1& vkfFkZd mnkjhdj.k I sD; k vk'k; gS\ K
- izu 2& xS/ dk ijk uke D; k gS\ K
- izu 3& Mady i Lrko fdl sdgrsgã\ K
- izu 4& futhdj.k D; k gS\ K
- izu 5& mi ; kSxrk ds vk/kkj ij i kÑfrd I d k/ku fdrusi d kj ds gkrs gã\ K
- izu 6& dkyh feVVh ij I f{klr fVli .kh nhft , A U
- izu 7& dkyh feVVh ea I okZ/kd fdl dh [krh gkrh gS\ K
- izu 8& nkski wkZ [krh I s feVVh dk dVko gkrk gS\ I e>kb; sA U
- izu 9& mÜkj Hkkjr dh i æ[k pkj ufn; ka ds uke crkb; sA K
- izu 10& Hkkjr ea o"kkZ fdrusi d kj dh gkrh gS\ K
- izu 11& Hkkjr ea vR; f/kd o"kkZ okys 4 jkT; ka ds uke nhft , A K
- izu 12& N-x- dh xak unh fdl sdgk tkrk gS\ K

y?kqñÜkjh; i zu

- izu 1& Hkkjr ds i kÑfrd I d k/ku ka ds uke nhft , A K
- izu 2& nkæV feVVh dh fo'kSkkrk crkb; sA K
- izu 3& fgeky; i oZ dh 4 gkfu; ka crkb; sA K

- izu 4& o"kkZ dk iHkko Hkkjrh; Ñf"ka ij vR; f/kd gkrk gS\ I e>kb; sA U
- izu 5& Hkkjrh dh tyok; qds4 iHkko crkb; s\ K
- izu 6& xj I e>ks s I sHkkjrh dks gksus okys4 ykHk crkb; sA U
- izu 7& nf{k.k Hkkjrh dh fdUgh nks ufn; ka dk o.kZu dhft, A K
- izu 8& feVvh ds dVko I sfdI kuka @ Ñ"kdka dks D; k gkfu; ka gkrh gS\ K
- izu 9& D; k vkfFkZd fodkl ea ikÑfrd I k/kuka dh Hkfedk ?kVrh tk jgh gS\ U
- izu 10& fdu dkj.kka I sHkkjrh dks /kuh nsk dgk tkrk gS\ U

nh?kZ mÜkj; izu

- izu 1& mÜkj Hkkjrh , oanf{k.k Hkkjrh dh ufn; ka earyukRed v/; ; u dhft, A U
- izu 2& Hkkjrh ea tyo; qdh fofo/krk ds dkj.k crkb; sA K
- izu 3& ubZ vkfFkZd uhfr dh ikFkfedrk, a crkb; sA K

&&00&&

bdkbZ & 09

fl pkbZ , oa QI ya

vfr y?kqÜkj; izu

- izu 1& fl pkbZ I sD; k vk'k; gS\ K
- izu 2& fl pkbZ D; ka vko'; d gS\ K

- izu 3& mÙkj Hkkjr ea dÿ/ka }kjk fl pkbZ vf/kd gkrh gSA nks dkj .k nhft , A K
- izu 4& fl pkbZ I k/kuka ds uke crkb; sA K
- izu 5& ugjafdrus izdkj dh gkrh gSA K
- izu 6& Hkk[kMk ukax y ifj; kstuk dk fuekZ.k fdl unh ij gÿk gS\ K
- izu 7& ghjkdM ifj; kstuk I sykHkkfUor jkT; dk uke crkb; s\ K
- izu 8& pkoy ds mRi knu ea fo'o ds ns kka ea Hkkjr dk dks I k LFkku gS\ K
- izu 9& okf.kT; d QI y fdl sdgrs gS\ K
- izu 10& dikl dh [krh fdu LFkkuka ea vf/kd gkrh gS\ K

y?kqñÙkj h; izu

- izu 1& Hkkjr dk vkfFkZd fodkl fl pkbZ ij fuHkZ djrk gS A foopuk dhft , A s
- izu 2& fdl h LFkku ij] fof'k"V QI yka dk mRi knu vf/kd gkrk gSA dkj .k crkb; sA U
- izu 3& nkekñj unh dks fcgkj dk ^^kkd unh\*\* D; ka dgrs gS\ K
- izu 4& Hkkjr ea xllus dk mRi knu de gS\ dkj .k nhft , A U
- izu 5& cgññskh; unh ?kkVh ; kstuk I sD; k ykHk gkr s gS\ fdlgh rhu ykHkka dks fyf[k, A K
- izu 6& ugjafdrus izdkj dh gkrh gS\ I e>kb; sA U
- izu 7& Hkkjr ea pkoy dh QI yka ds izdkj crkb; sA K
- izu 8& [kjhQ QI yka dh HkkSksfyd fLFkfr; ka crkb; sA K

i 7 u 9 & Hkkjr ea l ks kchu dh [krh l okZ/kd dgka , oa D; ka gkrh gS \ K

i 7 u 10 & fl pkbZ i fj ; kst uk ds i zdkj ka dks crkb ; s A K

nh?kZ mUkj h; i 7 u

i 7 u 1 & Ql yka dk vkfFkd egRo crkb ; s A K

i 7 u 2 & uehk ?kkVh i fj ; kst uk dks fuEu fclnq/ka i j l e > kb ; s & U

¼1½ unh dk uke ¼2½ ykHkkflor jkT ;

¼3½ mnas ; ¼4½ ; kst uk ds rhu ykHk A

i 7 u 3 & Hkkjr ea [krh dk ; Zekul w ij fuHkj djrk gS l e > kb ; s A U

&&00&&

bdkbZ & 10

Hkkjr ds i æ [k m | ksx

vfr y?kqñUkj h; i 7 u

i 7 u 1 & fdUgha m | ksx ds LFkkuhdj . k gkus ds 4 dkj . kka ds uke fyf [k , A K

i 7 u 2 & ogn m | ksx fdl sdgrsgS \ K

i 7 u 3 & l wh oL = m | ksx dh vf/kdrk fdu&fdu jkT ; ka ea gS \ ¼dkbZ nkS \ K

i 7 u 4 & fonskh cktkj ea Hkkjr h; puh dh ekax de D ; ka gkrh gS \ K

i 7 u 5 & ^l y\* dh LFkki uk dc gpZ \ K

- izu 6& fdl mnns; I s^l sy\* dh LFkki uk gpl\ K
- izu 7& bLkr m|ks eafo'o cktkj eaHkkjr dk dks I k LFkku gS\ K
- izu 8& ykjk rFkk dks yk {ks=ka ds ikl gh bLkr m|ks dh LFkki uk D; ka dh tkrh gS K
- izu 9& cMsi ekus ds m|ks ds nks I keftd ykHk crkb; sA K
- izu 10& dh/hj m|ks I sD; k vk'k; gS\ K

y?kqñÜkj; izu

- izu 1& I wh oL= m|ks dk foHkktu ij D; k iHkko iMk \ K
- izu 2& NRrh x<+eaykj bLkr m|ks dh LFkkuhdj.k ds dkj.k crkb; sA K
- izu 3& Hkkjr ea tw m|ks dk egRo fdUgh rhu fclnq/ka ij crkb; sA K
- izu 4& tw I s dks&dks I h phta fufeZr gsrh gS\ fdUgh 4 ds uke nhft, A K
- izu 5& Hkkjr eapk; dh I okZ/kd [krh fdl jkT; ea gsrh gS\ K
- izu 6& ^l sy\* (SAIL) dh LFkki uk ds dkj.k crkb; sA U

nh?kz mÜkj; izu

- izu 1& Hkkjr ea m|ks ka dh LFkki uk I sykHk crkb; sA U
- izu 2& vk/kkj Hkr m|ks ka dh iZq[k I eL; k, aD; k gS\ U

&&&00&&&