



I ɫdr



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¼o | kſpr bdkb½
 NÜkhl x<+ek/; fed f' k{k k e.My] jk; iġ

i7u & i= dh ;kstuk

Scheme of Question Paper

fo"K; %& I 7N7r I keku;

i wkk7d % 100

I e; % 3 ?k7s

i jh{k{k % gkb7 Ldwy

7/7 'k{kf.kd mn7s; ds vu7 kj eku

(A) Weightage as per Educational objective:

I 0 00	mn7s;	v7d	i fr'kr
1-	Kku (Knowledge)	35	35%
2-	vock7k (Understanding)	41	41%
3-	vu77, kx , oa d{k7y (Application & Skill)	24	24%
	; kx	100	100%

7/7 bdkb7kj v7dks dk eku

I 000	bdkb7 dk ute	bdkb7 ij v7cf7r v7d	i7u&i= ds i7: i vu7 kj v7cf7r v7d
1-	I 7/k	04	04
2-	'k7n : i I 7; kokph	04 02	04 02
3-	/kkrq i	04	04
4-	okP; ifjor7u i R; ; rf) r	02 02 02	02 02 02
5-	dkjd rFkk mi in foHkfDr; kj ij vk/kkfj r fglnh I s I 7N7r ea vupkn I 7N7r I sfglnh ea vupkn v0; ;	04 04 02	04 04 02
6-	I ekl	04	04
7-	fuc7k	08	08
8-	vi fBr x k7k i = y7ku	04 04	04 04
9-	i kB; i 7rd x k7k i k7k i7uk7rj 7/7 7N7r7 i7uk7rj 7/7fglnh7 I Hkkf"kr 'ykd I 7Dr; kj fjDr LFku@m7pr I 7k tk7s og7odYih;	09 09 06 06 05 05 05 05	09 09 06 06 05 05 05 05

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Blue Print of Question Paper

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i wkkd %100

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1	I ã/k	4		2						2	
2	'kCn: i I ã; kokph	4 2		1		1				2	
3	/kkrg i	4				1				1	
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5	dkjd rFkk mi in foHkfDr; kj vuøkn fgUnh @ I l Ñr] v0; ;	4\$4\$2		1		2				3	
6	I ekl	4		2						2	
7	fucdk	8							1	1	
8	vifBr & x kdk i = y[ku	4 \$ 4				2				2	
9	i kB; i qrd x kdk	9				3				3	
10	i kdk	9				3				3	
11	izukBrj I l Ñr ea@ fgUnh eþ I Hkkf"kr @ uhfr 'ykcd I fDr; k	6\$6 5 5					2	2		4	
12	fjDr LFkku@mfpr I cdkj cgfodYih;	5 5	10							1	
; kx			1	9	6	6	2	2	1	27	

Set - A

gkbz Ldwy | VhfQdV | jh{kk
High School Certificate Examination
I fiy&i'z u i=
SAMPLE PAPER

fo"k; %& (Subject) - I ldr I keld;
d{kk %& (Class) - ni oha

I e; 3 ?k.Vs (Time- 3 Hrs)
i wkkb 100 (M.M.)

fukn3 k

1- Lkhkh Ikz Uk gYk djUkk vfukOkk,kz gS

2- fukn3 kkuKk,kkj Ikz Ukka ds mUkj fYk [k&&

Ikz Uk 1 1/2 fUkEukkfdRk fjDRk LFkkUkka ds Rkhuk&Rkhuk fOkdYIk fn,ks Xk,ks gS Lkgh fOkdYIk Pktdj
fjDRk LFkkUk dh IkfRkZ dhfTk, 5

1/4 1/2 'kYk&'kYk &&& HkOkfRk&1EkksDRkdj Ekkf.kD,kj PkanUkz

1/2 1/2 &&&&Nif"k Okkf.kT,ka f}Rkh,k Ik'kq IkkSk.kEk-1/kfEkEka f}Rkh,kj RkRkh,kaz

1/3 1/2 ngjkPkkjh Ikf"K% &&&&fukfUnRk% HkOkfRk 1/kkEkS YkkedS ns kS

1/4 1/2 LkLNRk Hkk"kkUkSk &&&&Uk Pk dfBUk 1/fDYk"V/k] LkjYkk] fOkdV/k1/2

1/5 1/2 Ukj% fOkUk,kkRk&&&,kkfRk 1/gHukRkkj Ikk«kRkkj UkhPkRkkaz

1/6 1/2 fUkEukkfdRk [k.M d&[k Eka Lkgh LkAkak LFkkfIkRk dhfTk, & 5
d [k

1- nURk% fOkghUka nkUkOkhj Rkka

2- vga HkOkRks Pk{kaz,kEkSk LknkfOkTk,kRks

3- OkUk&OkUks CknUka Uk HkkfRk A

4- jkEkks jkTk Ekf.k% nkLk% vfLEk vgEk-

5- jkEkL,k Uk PkUnUkEkA

vFkOkk

	fukEukkfidrk fjDRk LFkkUkka dh IkkRkZ dhfTk, &	
	1- fOk k&&nnkFRk	
	2- EkkUkk%&&&QYka bPNfURKA	
	3- /kUkkn~ &&RkRk% Lkq[kEk~	
	4- Xk#% Lkk{kRk~ &&&A	
	5- vLkKS IkqkOkRk&&&IkYk,kFRk LEka	
Ikz Uk 2	fukEukkfidrk dk Lka/k fOkPNn dj Lka/k dk UkkEk fYkf[k, &	
	1- IkkRkdkYk,k% 2- OkkXkh'k%	2
Ikz Uk 3-	fukEukkfidrk Iknka dh Lka/k dj Lka/k dk UkkEk fYkf[k, &	2
	1- gfj% \$ 'kRks	
	2- mRk~ \$ Pkkj.kEk~	
Ikz Uk 4	fukEukkfidrk Lka[,kkvka dks Lka.NRk Eka fYkf[k, &	2
	1- 54	
	2- 67	
Ikz Uk 5	fukEukkfidrk OkkD,kka ds OkkP,k IkgPkUk dj fYkf[k, &	2
	1- Lk% IkkRkda IBRkq	
	2- OkkYkd% Ok{k% n' ,kURka	
Ikz Uk 6	/kkRkq , Oka IkkR,k,k IkFkd dj ds fYkf[k, &	2
	1- UkkEk~	
	2- LkSkEkkUk%	
Ikz Uk 7	fukEukkfidrk 'kCn , Oka Rkf) Rk IkkR,k,k IkFkd dj ds fYkf[k, &	2
	1- EkUkq,kRkk	
	2- Ik' kRkEk~	
Ikz Uk 8	fukEukkfidrk vO,k,kka dk Lka.NRk OkkD,k Eka Ikzkkk dhfTk, &	2
	1- LkOkzk 2- dqqk	
Ikz Uk 9	fukEukkfidrk dk LkEkkLk fOkXkg dj LkEkkLk dk UkkEk fYkf[k, &	2

- 1- ,kFkk 'kfDRk%
- 2- jkTklk# "k%
- Ikz Uk 10 I kekfl d 'kCn fy[kdj uke fyf[k; s & 1/2 1/2
- 1 =; k.kke~ i Fkke~ I ekgkj%
- 2- 'kjn% I ehi e~
- fun3 k&** fUkEukkafDRk Lka NNRk Xk | [ka/ka fgUnh Eka vUkqkn fykf[k, &
- Ikz Uk 11 RkL_kkUkqkk% nskbae% Ukjbae% jkTksae vkeE Ikzk' kUPkktik RkL_kkUkqkj .ka NNRk OkURk%
RkL_kkPN_kk RkL_kk fEkkk% 'kqk fPkURkd\$Pk jk_klkj s jkEKN".k IkjEkgkUkXkjL_k dks/k
{ksksvFRk fOkLRkRka fOkOkdKUKUn fOk | kikhBaLFkkfIRkEka Rk«k fOkOkdKUKUn f'k{kLk FkkUkEkfIk
LFkkfIRkEk~_k«k Ckh-, M- Ikf'k{k.kL_k LkEkqPkrkk UkOkkPkj h O_kokLFkk OkRkRkA 3
- Ikz Uk 12 HkjRkh_k nSkRkk LkEkkskkL_k nSkRkk% HkjRk HkjSk EkEk~ LOKkz HkEk% Ek{k HkEk' PkSRk
EKU_k/OkEka Ik_k' k%HkjRkh_kk% Ckq) EkjH_k Ckge LkEkTkLFkkId & jkTklkn HkRkRk& jkTkkj kEk
EkksUkj_k Ik_kDRka TkFRkOkkn% EkRkOkkn' Pk HkjRkL_kkSkURkks IkFRk Ckkd% bFRk EkRokk RkL_k
fOkUkk' kk_kkFRkRkj ka Ikz RkURkLkEka 3
- Ikz Uk 13 jk_kXk<+ LkkjXk<L_k Ek/_kRk% PkUaeIkj UkXkj% vFLRka v«k Lkqk(Lk) EkRnj% PkUae
gkFLkUkh nSk_k% fPk«kkRkYkk & XkXk_kk% RkVs vFLRka Lk EkUk OkkNNRk Okj nfk_kUkh
vFLRka f'kokUkFk Uk | k% RkVs nqkz UkXkj kRk~ 14 fd-Ekh- nqRk% TkSk RkhFkz UkkXkIkj k
vFLRka v«k Ik' OkkFkL_k IkFRkEk LFkkfIRkRkA 3
- fun3 k&** fUkEukkafDRk 'Ykksdka Eka Lks fdUgha RkhUk dk fgUnh Eka vFkz fykf[k, &
- Ikz Uk 14 ,kka Ek?kka nSk Xk.kk% fIkRkj 'PkkskkLkRkA 3
Rk; k EkEk | Ekk_kk vXus EkkkOkUka dq AA
- Ikz Uk 15 Ikq_k' Pk jEk.kh_k' Pk]CkgfkWk QYkk_kk% 3
Rk«k dq Fkj_kkfkfUk] EkXk_kkfkfUk PkSkfgAA
- Ikz Uk 16 Ikq_kL_k QYkFkPNfURk] Ikq_ka UkPNfURk EkUkOkk% 3
QYka IkkiL_k UkPNfURk] IkkiLka dqkZURk_kRURk%AA
- Ikz Uk 17 fUkEukfykf[kRk Eka Lks fdUgha Pkj 'kCnka ds 'kCn : Ik RkhUkka OkPkUkka Eka fUk_kEkUkqkkj

		fYkf[k, &	104½
1/4½	Xkk& PkRk&fhz fOkHkFDrkA		
1/2½	Uk&LkIRkEkH fOkHkFDrk		
1/3½	IkFFkUk& RkRkh_kk fOkHkFDrkA		
1/4½	Ik_kLk- & "k"Bh fOkHkFDrkA		
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Ikz Uk 18	fUkEukfYkf[kRk Eka Lks fdUgha Pkkj /kkRkq/ka ds /kkRkq Ik fUkn& kkUkq_kkj RkhUkka OkPkUkks Eka		
	fYkf[k, &	104½	
1/1½	Hkw 1/1kOk½ Yk³Ykdkj Ek/_kEk Ikq "k A		
1/2½	vPk& YkV Ykdkj vU_k Ikq "k A		
1/3½	RkIk& fokf/k fYk³Ykdkj mÙkEk Ikq "k A		
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Ikz Uk 19	fUkEukfYkf[kRk OkkD_kka Eka Lks fdUgha Pkkj OkkD_kka dk LkLÑRk Eka vUkqkn dhfTk, &104½		
1/1½	Okq vPNk Ik<Rkk g&		
1/2½	Xkkqk ds Pkkjka vkj Tk&Yk g&		
1/3½	LkjLkRkh TkH dks UkEkLdkj g&		
1/4½	gEkkjs IkfRk ÑIk dhfTk, A		
1/5½	IkOkRkka Eka fgEkkYk_k mPPkRkEk g&		
izu 20	fdUgha 4 okD; ka dk fgUnh ea vuqkn dhft, &	104½	
1/1½	jke%ekgusı I %jk; ijaXPnfrA		
1/2½	o{kk~i=kf.k irfUrA		
1/3½	xjosue&		
1/4½	iqrda iB xgaXPNA		
1/5½	I hrk ØhMkx.k sØhMfrA		
Ikz Uk 21	v/kk&Ykf[kRk Xk k&k dks Ik<dj Ikz Ukka ds mÙkj LkLÑRk Eka fYkf[k, &	104½	

LkãÑRk Hkk"kk Uk dSKYkEkRkhrkL_k vFIRkq HkFok" _kL_k vFik Hkk"kkfLRkA b_kEkSkEk~
 LkEk) k _kL_kka nk' kZUkd fPKURkUEkSk Uk dSKYkEkfIRkq OkSkfUkd RkF_kkUkka IkEkOkIkWkZ
 Ok. kZka dRkq: 'kD_kRkA LkH_kRk LkãÑRkj Sk b_kka IkPKhURkEk Hkk"kk Uk] vFIRkq EkKUK
 LkH_kRk_kk% mRN"Va Lkãdkj IkWkEk~ Pk fPKURkUEk~ vFhko_k f_kUk_k Lk{kEkKA vLEkfhk%
 , Rkn~ KkRko_kEk~ _kRk~ LkãÑRk Hkk"kk% v/kqkRkUks _kqks LkkgR_k&n' kZk&KkUk {k&ks
 vL_kk% mIk_kkxk HkkOk' _kdek~ LkOkZgRk_k_ska Hkk"kkA

Ikz Uk

1/1 1/2 ' kh"kdla fYk [kRkq A

1/2 1/2 Lkjkãk fYk [kRkq

Ikz Uk 22 vIkUks fEk&k dks LkãÑRk Hkk"kk Eka Ik&k fYkf [k, fTkLkEka Ikjh{k dh RkSkjh dk mYYkS [k
 gks 1/04 1/2

vFkOkk

IkPk fnUkka ds vOkdk'k ds fYk, IkPk_kz Ekgn_k dks LkãÑRk Hkk"kk Eka vOknUk Ik&k
 fYkf [k, &

Ikz Uk 23 IkB: IkPRkd Lks IkPk LkfdRk_kk fYkf [k, Tkks bLk Ikz UkIk&k Eka Uk vk_kk gk& 1/05 1/2

izu 24 viuh ikB: i_qrd l snks l hkkf"kr 'ykd fYkf [k; s tks izu&i = ea u vk; k gkA
 1/5 1/2

Ikz Uk 25 fUkEufYkf [kRk Ikz Ukka ds mUkj LkãÑRk Eka nhfTk, & 1/dkbz 6 1/2 1/06 1/2

1/1 1/2 RkYk&æ% dL_k UkEk vLkhrk\

1/2 1/2 LkTTkUk% dhn' k% n' _kURks

1/3 1/2 Pkj d LkfgRk_kk% j Pkf_kRk d% \

1/4 1/2 Yk{EkhCkzbZ fdEk~ Uk vR_kT_kRk\

1/5 1/2 EkkuOkk% dL_k QYkEk~ bPNfURk\

1/6 1/2 fOk | k fOkghUk% Ukj% dhn' k% HkOkfRk\

1/7 1/2 Hkksjenø% d& fLFkr%

Ikz Uk 26 fUkEufYkf [kRk Ikz Ukka ds mUkj fglnh Eka nhfTk, & 1/dkbz 6 1/2 1/06 1/2

1/1 1/2 fPk«dW/ IkOkRk% dhn' k% vFLRk\

1/2 1/2 LkEkXkz nš ks vECKM/dj Tk,kRkh dnk vkPkfjRkk\

1/3 1/2 EkGkEkK,kk Ekñja dšk fukFEkRkEkA

1/4 1/2 vTkh.kš Okkfj fdEk~djksRk \

1/5 1/2 Ukk,k% ,k«k IkñT,kURks Rk«k fdEk~HkOkFRk \

1/6 1/2 LkUkRkRkUk /kEk% d % vFLRk\

1/7 1/2 eksu% du jksxsk i hfMf% vki hr\

Ikz Uk 27 fUkEukfYkf[kRk fOk"K,kka Eka Lks fdLkh ,d Ikj LkñRk Hk"kk Eka IkUæg OkkD,kka Eka

fukCkdk fykf[k, &

1/08 1/2

1/1 1/2 Nk«kTkhOkUkEk- 1/2 1/2 Ikj kškdj% 1/3 1/2 m | kUkEk- 1/4 1/2 vUkd kklkUkEkA

vknZ k mÜkj I 1/2,

- mÜkj 1 1/2
- 1- Ekf . kD ,ka
 - 2- IkFkEka
 - 3- Ykköls
 - 4- fDYk"Vk
 - 5- Ikk«kRkka A
- 1/2
- 1- OknUka Uk HkkfRk
 - 2- nkUkOkhj Rkk
 - 3- Uk PKUnUEk~
 - 4- LknkfOkTk ,kRks
 - 5- nkLk% vfLEk vgEkAA
- 1- vFkOkk
 - 1- fokUk ,ka
 - 2- Ikq ,kL ,k
 - 3- /kEk%
 - 4- Ikj ökygEk
 - 5- IkqkOkRk~
- mÜkj 2
- 1- IkqRkd \$ vkyk ,k% & nh?kz LOkj Lkñ/k
 - 2- Okd~\$ bz k% & O ,kñkUk Lkñ/k
 - 3- d% \$ fPkRk~ & fokLkxkz Lkñ/kA
- mÜkj 3
- 1- gfj ' ' kRks & fokLkxkz Lkñ/k
 - 2- mPPkkj .kEk~ & O ,kñkUk Lkñ/k]
 - 3- ,k | flk & ,k .kLokj Lkñ/k
- mÜkj 4
- 1- Xkks & RkRkh ,kk fokHkfDRk & XkOkk Xkkñ ,kkEk~ XkkñHk%
 - 2- EkfRk & IkFkEkk fokHkfDRk & EkfRk% EkRkh EkRk ,k%]
 - 3- Xk# & IkRkEkH fokHkfDRk & Xkj k% Xk#H ,kkEk~ Xk#H ,k%]

- 4- nkRk' & f}Rkh, kk fOkHkfDRk & nkRkKj Ek~ nkRkKj kS nkRkÜ~
- 5- QYk & IkFkEkK fOkHkfDRk & QYkEk~ QYks QYkKfUK

- mÜkj 5
- 1- PkRkq i ¥; k' kRk
 - 2- I Ir "kf"V%
 - 3- v' khfr%

mÜkj 6&

- 1- Hkww YkVYkdkj vU, kIk# "k & HkOkFRk HkOkRk% HkOkFURkA
- 2- bPN~Yk³Ykdkj ¼kj LEkSk½ Ek/ ,kEk Ik# "k & , PN%, PNRRkEk~, PNRRk~
- 3- IkPN~YkVYkdkj mRRRkEk Ik# "k & Ikç, kKfEk Ikç, kKOk% Ikç, kKkEk%
- 4- Rkq~Ykks/Ykdkj ¼/kKkFk½ vU, k Ik# "k & RkqRkq RkqRkEk~ RkqURkq
- 5- f' k{k~ YkVYkdkj Ek/ ,kEk Ik# "k & f' k{kLks f' k{kFks f' k{k/OkS A

mÜkj 7¼/½ 1- dRkZkP, k 2- dEkZkP, k 3- HkOkOkkP, k

- ¼k½ /kkRkq & IkR, k, k
- 1- UKk ~ & ' kRk'
- 2- LkSk~ & ' kKUKPk~
- 3- Ukh & Rkçkçk~

mÜkj 8¼/½ 1- Jh Xk. kS kK, kUkEk%

2- ÇkYkdkS ' kKYkka XkPNRk%A

3- j kEk% OkUkEk~ XkPNFRkA

- ¼k½ Lkã ÑRk Eka vUkçkkn
- 1- vgEk~ Ykç kdkS fLEkA
- 2- Rka Lkã ÑRkL, k fOkIkY'ka KkUka vKkLkhrkA
- 3- Ukkj h Ukkj k, k. kh HkOkFRk
- 4- n' kdEk~ /kEkZ Yk{k. kEkA
- 5- EkçjUk% QYkEk~ HkçkFRkA
- ¼Lk½ fgUnh vUkçkkn

- 1- /kEkZ dk LkRk,k djUkk Pkkfg, A
- 2- nkUk Lks fOk | k lkkIRk gkRkh gA
- 3- LkEk,k EkjURk Lks vPNk gkRkk gA
- 4- Okg jkTkk mUkLks Ckks/kkA
- 5- dks/k {ksek Eka fOkOksdkUkan fOk | kikhB fLFkRk gA

mRrj 9

- 1- fOk}kLk% LkOkzk Eku,kURkA
- 2- ROkA dEk XkPNfLkA
- 3- vgEk~ 'Ok% XkFEk",kkFEkA

mRrj 10

- 1- LkEkLk fOkXkg dj UkkEk
- 1- 'kDRka vUkFRk OE,k & vO,k,kh HkkOk LkEkLk A
- 2- jkK% Ik#"k% & "k"Bh RkRlka#"k LkEkLkA
- 3- «k,kk.kka lFkkEk~ LkEkkgkj% & f}Xkq LkEkLk A

mRrj 11

fucdk

mRrj 12

vi fBr i | ka k

'kh"kd % ^dEkZ lkk/kku,kkEk**

Lkkj ka k %

mRrj 13

vkou i =

mRrj 14

RkhUk Xk | ka kka dk fgUnh vUkQkn

- 1- mUkds Nks/s Hkkbz nskzæ&Ukjzæ&jkTksæ vksj vkEkIkak'k Uks Hkh mUkdk vUkQkj .k fd,kkA mUkdh bPNk Lks mUkds fEk«kka vksj 'kjk fPkRkdka Uks jk,kIkgj Eka jkEkN".k ljkEgalk Uxkj ds dks/k {ksek Eka vR,kk fOk'kkYk fOkOksdkUkan fOk | kikhB LFkfkIRk fd,kk Okgka fOkOksdkUkan f'k{k LkLkFkkUk Hkh LFkfkIRk fd,kk Tkgka Ckh-, M- lF'k{k.k dh Lkgh UkkkPkjh O,kOkLFkk gA
- 2- HkkjRkh,k nskRkk Ekjs mlkL,k nskRkk gA HkkjRkHkEk gh Ekjh LOkkZ HkEk gS vksj Ekksk HkEk gS, lkk EkkUkA lkk,k% HkkjRkh,k Ok) Lks Ykdj Okge LkEkTk ds LkLkFkkId jkTkk

3- jk kkk'kk jkTkkjkEk EkksjUkj,k Rkd us TkkFRkOkkn vksj EkRkOkkn dks HkkjRk dh mUUKFRk Eka Ckk/kd gS , Lkk EkkUk dj fkdLk ds fyk, vR,kf/kd IkzKRUK fd,kkA

3- jk,kk< Lkkjkk< ds CkhPk Eka PKUæIkj UXXkj gS ,kgka LkqkzLk) Ekñj Pkae gkflLkUk nskh dk fPk«kkRkYkk Xkakk ds fdUkkjs Ikj Oq EkUkkSkñNRk OkjnUk nbsk OkkYkh gS f'kokUkFk Uknh ds fdUkkjs nqkz UXXkj Lks 14 fd-Ekh- nñj TksUk,kka dk RkhFkz UkkXkIkj k gS A ,kgk; Ikk' OkUkFk dh EkRkz LFkkfRk gS

4- Oq dUkIkj ds UkkUk IkskOkk ds LkkFk Ik<Rkh FkhA CjNñj <kYj RkYkOkj mUkdh LkgYkh FkhA Okj f'kokkTkh dh XkkFk,; mUkdks TkCkUk ,kkn FkhA ÖkkaLk ds jkTkk Xkakk/kj jkok ds LkkFk mUkd fOkkkg gYk fOkkkg ds dñ Ok''kz ds Ckn LkRkUkghUk Xkakk/kj dh EkR,kq gks XkbA

mRrj 15 RkhUk 'Ykksdka dk vFk&

1- gs Ikdk'k Lok#Ik vfxUknSk fTkLk Ckñ) dh nskXk.k , Oka fRkRkj Xk.k fuR,k mikkLkUk djRks gS mLk Ckñ) }kj Ekðks EkSkkOkh djA

2- Oq fPk«kdñw IkfOk«k , Oka jEk.kh,k gS ,kgka OkUk vUkd Ikdkj ds dUn EkYk QYkka Lks ,kñRk gS Tkga gkFk,kka vksj EkXkka dk LkEkñj jgRks gS

3- euq; iq; dk Qy pkgrs gS fdUrqi; ugha djrA euq; iki dk Qy ugha pkgrs fdUrqi ki iz Ru djds djrs gS

4- vIkPk gkbs Ikj Tkyk vksf/k dk dEk djRk gS IkkPkUk gkbs Ikj Tkyk 'kFDRk IkknUk djRk gS HkksTkuK ds CkhPk Tkyk IkhUk vEkRk ds LkEkUk gkRk gS , Oka HkksTkuK ds vRk Eka Tkyk IkhUk Tkj ds LkEkUk gkRk gS

mRrj 16

1- fOk}kUk fOk | ,kk vEkRkEk-v'Ukqka

2- HkkjRk nsk% , d LkgL«k UkOkLkRk-LkIRkPkRkOkkfj 'kRkA res b'koh; s o''kz Loræ% vHkora

3- vga OkLkñSk LkRka dLk Pkk.kj EknZka nskdh Ikj EkkUkna TkXknXkq#a Ñ". ka Okna

4- vLk' ,kRk dYk³d fuOkkj .kk,k vEckMdj Ok,kL,k Ckgqk% IkzkkLk% ÑRkA

5- nkUka PkRkñOkzka

- 6- Ekf[kz Tkuuk% v0,kokfLFkrk fPkURkk HkOkfURk , RknFk± RkkUk~ vkjk/kf,kRkq Uk 'kD,kk A
 - 7- EkksUk% Tokj jkks k khfMRk% vkLkhrk~ A
- mRrj 17 N% Ikz Uka ds mRRkj fgUrh Eka
- 1- Tkgka fL«k,kka dh Iktkk gksh gA Okgka nskRkk fukOkkLk djRks gA
 - 2- Hkktk Uks , d 'Ykkd fyk[kkA
 - 3- LknkPkjh J) kYkq bz,kkz }sk jfgRk EkUk,k Lks Ok"Kz Rkd TkhfOkRk jgRkk gA
 - 4- Ekgekk,kk Eknj jkTkk jRUknSk Uks CkUOkk,kkA
 - 5- nqV Ckjs dk,kz djRks gA
 - 6- Cks/kLkRok CkPkUk Lks gh Ckqk,kka ds Lkskd Ukekz Ok 'kkL«k fukIkqk FkA
 - 7- Rkqkkae LOkkEh vkREkkUkan dk Ukek FkA
- Uks/& Ikz Uk ØEkkd 11 , Oka 13 ds mRRkj vIkUs Lok fOkkd Lks Tkkpka A 11 fukCk[k] LkqDRk] Lkqkfk"krk 'Ykkd

	fjDRk LFkkUkka dh lkrkz dhfTk, &	
1-	fok k&&&&&v' Uk&ks A	
2-	Lkg &&&&&&&dj OkkOk gS	
3-	OkjEkYkhUk &&&&A	
4-	'kYks 'kYks Uk &&&&&&&A	
5-	jkEkks jkTKEkf.k% Lknk&&&&A	
Ikz Uk 2	fUkEukfykf[kRk 'kCnka ds Lka/k&fokPNn dj Lka/k dk UkkEk fykf[k,	2
1-	RkL,kkukqk%	
2-	RkfLeUukOk A	
Ikz Uk 3	fUkEukfykf[kRk 'kCnka ds Lka/k dj Lka/k dk UkkEk fykf[k,	2
1-	EkgRkh \$ bg	
2-	fuk,kpRrk% \$ Pk A	
Ikz Uk 4	fUkEukfykf[kRk Lka,kkVka ¼dk½ dks Lka.NRk Eka fykf[k, &	2
1-	50	
2-	85	
Ikz Uk 5	fUkEukfykf[kRk OkkD,kka ds fUkn&kkukqkkj OkkP,k lkfjOkRkOk dhfTk, &	2
1-	Lk% gLkfrk ¼kkOkOkkP,k½	
2-	jkEk% lqRkda i Bfr ¼dEkOkkP,k½	
izu 6	fUkEukfykf[kRk 'kCnka ds lkr,k,k lKfd dja &	2
1-	XkURkqk~	
2-	n'kZkh,k	
izu 7	'kCn ,oarf) r iR; ; iFkd dj fyf[k; s&	2
1-	xq rk	
2-	i&Mr	
Ikz Uk 9	fUkEukfykf[kRk vOk,k,kka dk Lka.NRk OkkD,kka Eka lqkkk dhfTk, &	2
1-	v/kqkk	

- 2- vflk
- lkz Uk 9 LkEkkLk fokXkg dj LkEkkLk dk UkkEk fyk [k& 2
- 1- jkEYk{Ek. kks
- 2- Ckk. kgRk%
- izu 10 fUkEukkādrk lknka dk LkEkkLk dj LkEkkLk dk UkkEk fyk [k& 2
- 1- nhUkk, k nkUkEk~
- 2- UkhYkEk~ mRIkYka
- funđ k& fUkEukfykf [krk Xk | kākka dk fgUnh Eka vUkQkn dhfTk, &
- izu 11 RkL, kkuqk% n& & Uj b& j kT k& v& k' k' Pkfk RkL, kkuqk j. ka NrkURk% RkL, kPN, k RkL, k fEk% & 'k& fPkURkdS Pk j, k k& s j kEkN". k l& Eka UkXjL, k dks/k {k& vfrk fOkLRkRka fOk& dUkan% fOk | kkhB% LFkkfTRkEkA Rk& fOk& dUkan f' k{k& Lka FkkUkfk LFkkfTRkEk~ , k& Ckh-, M- l& 'k{k. kL, k LkEk& PkRk UkOkPkjh O, kOkLFkk OkRkRka 1/3 1/2
- izu 12 vFk dnkPkrk- nkUk' kYkkLkq fOkPkjUk- Lk j kTk Ckg& kUk YkkHk LkURk& vUkUkEk~ vffk& kEk- fOkjYk Lk& , kUkEk- fOkYk& , k vfpURk, kRk- EkEk vffk& Rq /kUkYkHk Ekk& k Lk& k'ska HkTURk& Utk& Rks nkUk& jk% Lk& kX, k' kfykUk% , kUk~ , kPk& k' 'kj jL, k v& fuk vflk , kPkURks , OkEk- jkK% LOk& q Xkk& kSOkfIk fUkjLk fDRka fOkK, k Lkdyk Cg& ka M O, k& d& ka Lk fkrRkEkA 1/3 1/2
- izu 13 vLEkkda j k"V% Hk& j RkOk" k& 1/4 1947 1/2 LkgL& k UkOk' kRk- LkIRk PkRokfj' k% RkEks bZ Ok, ks Ok" k& Hk& j Rkn& k% LOkRk& k% vHkOkRk& v& Ykn& kh, k& v& k 'kkLkUka vd& k& - A LOkk/khURk, kS n& kHkDRk& /kUka v, kPNuk- , k& d& k% LOkk. kUk~ vR, kT, kRk& j kUkh Yk{EkHk& bZ , dk l& Ek& k Lk& kUk& k& k& vLk& hRk& RkL, k& T& k& % Ek& j k& k& % f& k& j kT, ks vOkLkRk& 1/3 1/2
- funđ k& fUkEukfykf [krk 'Yk& d& dk fgUnh Eka vUkQkn dhfTk, &
- izu 14 Lk& jLk Lk& k& k& fOk' OkEkUk& k YkfyRk& â | k& jEk. kh, k& 1/3 1/2
- vEkRkOkk. kh Lka Nrk Hk"kk Uk& fDYk"Vk Uk Pk dfBUk AA
- izu 15 l& jH, kRks Uk [kYkq fOk? uHk, k& UkHPk& l& jH, k fOk/Uk fOkfgRk& fOkjEkfURk Ek/ , k& fOk/Uk& l& k& % l& k& j fIk l& fRk& g, k& kUk& % l& k& jH, k Pk& BRkEkT& kUk& % Uk l& f& jR, kT& , k& fURk& AA

- izu 16 f0k | k nnkfRk f0kUk,ka f0kUk,kkn~ ,kkfRk lkk«kRkkEKA 1/3 1/2
lkk«kR0kkn~ /kUkEkkUkkfRk /kUkkRk~ /kEk± RkRk% Lkq[kEkAA
- Ikz Uk 17 fUkEUkFYkf[kRk Eka Lks fdUgha Pkkj 'kCnka ds 'kCn : Ik RkhUkka OkPkUkka Eka fUk,kEkkUkq,kkj
fYkf[k, & 1/0 4 1/2
- 1/1 1/2 Xkk& PkRkqfkhz f0kHkfDRkA
- 1/2 1/2 Uk&LkIRkEkH f0kHkfDRk
- 1/3 1/2 lkkfFkUk& RkRkh,kk f0kHkfDRkA
- 1/4 1/2 lk,kLk~ & "k"Bh f0kHkfDRkA
- 1/5 1/2 fxj~& f}rh; k f0kHkfDR
- Ikz Uk 18 fUkEUkFYkf[kRk Eka Lks fdUgha Pkkj /kkRkq/ka ds /kkRkq Ik fUknž kkUkq,kkj RkhUkka OkPkUkks Eka
fYkf[k, & 1/0 4 1/2
- 1/1 1/2 Hkw 1/1k0k1/2 Yk³Ykdkj Ek,kEk Ikq "k A
- 1/2 1/2 vPk& YkV Ykdkj vU,k Ikq "k A
- 1/3 1/2 RkIk& f0kf/k fYk³Ykdkj mÙkEk Ikq "k A
- 1/4 1/2 Ukh 1/1k,k1/2 YkV~Ykdkj Ek,kEk Ikq "k A
- 1/5 1/2 â 1/2gj 1/2 1/2vkREkUkdkn 1/2 YkV Ykdkj mÙkEk Ikq "k A
- Ikz Uk 19 fUkEUkFYkf[kRk OkkD,kka Eka Lks fdUgha Pkkj OkkD,kka dk LkLÑRk Eka vUkqkkn dhfTk, & 1/0 4 1/2
- 1/1 1/2 Okg vPNk lk<Rkk g&
- 1/2 1/2 Xkkqk ds Pkkjka vkj Tk&kYk g&
- 1/3 1/2 LkjL0kRkh TkH dks UkEkLdkj g&
- 1/4 1/2 gEkkjs lkkfRk Ñlkk dhfTk, A
- 1/5 1/2 lkk0kRkka Eka fgEkkYk,k mPPkRkEk g&
- izu 20 fdUgha 4 okD; ka dk fgUnh ea vuøkn dhft, & 1/0 4 1/2
- 1/1 1/2 jke%ekgsu I %jk; ija xPNfrA
- 1/2 1/2 o{kk~i=kf.k i rfuRA
- 1/3 1/2 xjosue&

- ¼½ i qrdai B xgaxPNA
- ½½ I hrk ØhMkx.ks ØhMfrA
- Ikz Uk 21 v/kkSYkf [kRk Xk | ká k dks Ik<dj Ikz Ukka ds mÚkj LkãÑRk Eka fYkf [k, & ¼04½
 LkãÑRk Hkk"kk Uk dSKYkEkRkhrkL_k vFtkRkq HkfoK" _kL_k vftk Hkk"kkfLRkA b_kEkSkEk-
 LkEk) k _kL_kka nk' kZUkd fPKURkUkEkSk Uk dSKYkEkfIkRkq OkSKkfUkd RkF_kkUkka IkEkOkIkWkZ
 Ok.kZka dRkq 'kD_kRkA LkH_kRkK LkãÑRkjSk b_kka IkPKhURkEkK Hkk"kk Uk] vftkRkq EkkUkOk
 LkH_kRkK_kk% mRÑ"Va Lkãdkj IkWkEk~ Pk fPKURkUkEk~ vfhkO_k ^FKUk_k Lk{kEkKA vLEkfhk%
 , Rkn~ KkRkO_kEk~ _kRk~ LkãÑRk Hkk"kk% v/kqkRkUks _kqks LkkgR_k&n' kZk&KkUk {k&ks
 vL_kk% mIk_kkKk HkkOk' _kdEk~ LkOkZgRk_k_ska Hkk"kkA
- Ikz Uk
- ¼1½ ' kh"kdla fYk [kRkq A
- ½½ Lkj ká k fYk [kRkq
- Ikz Uk 22 vIkUks fEk«k dks LkãÑRk Hkk"kk Eka Ik«k fYkf [k, fTkLkEka Ikjh{k dh RkSkjh dk mYYkS [k ¼04½
 gks
- vFkOkk
- IkPk fnUkka ds vOkdk'k ds fYk, IkPk_kz Ekgn_k dks LkãÑRk Hkk"kk Eka vOkknUk Ik«k
 fYkf [k, &
- Ikz Uk 23 IkB; IkqRkd Lks IkPk LkfdRk_kj fYkf [k, Tkks bLk Ikz UkIk«k Eka Uk vk_kk gk& ¼05½
- izu 24 viuh ikB; i qrd l snks l hkkf"kr 'ykd fYkf [k; s tks izu&i = ea u vk; k gkA ¼5½
- Ikz Uk 25 fUkEukfYkf [kRk Ikz Ukka ds mÚkj LkãÑRk Eka nhfTk, &¼dkbz 6½ ¼06½
- ¼1½ Rkqkæ% dL_k UkEk vLkhrk\
- ½½ LkTTkUk% dhn' k% n' _kURks
- ¾½ Pkj d LkfgRk_kk% j Pkf_kRk d% \
- ¼1½ Yk{EkhcKkbZ fdEk~ Uk vR_kT_kRk\
- ½½ EkkUkKk% dL_k QYkEk~ bPNfURk\

- 1/6½ f0k | k f0kghUK% Ukj% dhn" k% Hk0kFRk\
- 1/7½ Hkkjens0% d# fLFkr%
- Ikz Uk 26 fUkEUKfYkf [kRk Ikz Ukka ds mUkj fgluh Eka nhfTk, & 1/dkbZ 6½ 1/06½
- 1/1½ fPk«kdW/ Ik0kRk% dhn" k% vFLRk\
- 1/2½ LkEXkz nš ks vECKM/dj Tk, kRkh dnk vkPkfjRkk\
- 1/3½ Ek9kEkk, kk Ekfnja dšk fUkFEkRkEkA
- 1/4½ vTkh. kš 0kxfj fdEk~djksRk \
- 1/5½ Ukk, k% ,k«k IkT, kURks Rk«k fdEk~Hk0kFRk \
- 1/6½ LkUkRkUk /kEk% d % vFLRk\
- 1/7½ eksu% dsu jksxsk i hfMf% vki hr\
- Ikz Uk 27 fUkEUKfYkf [kRk f0k" k, kka Eka Lks fdLkh , d Ikj Lkã. ÑRk Hkk"kk Eka IkUæg 0kkD, kka Eka fUk0kãk fYkf [k, & 1/08½
- 1/1½ Nk«kTkh0kUkEk- 1/2½ Ikj kškdj% 1/3½ m | kUkEk- 1/4½ vUkd kklkUkEkA

vkn'kz mUkj I v&ch

mRrj 1-1/2 Lkgh f0kdYIk PkqUk,ks

- 1- 1/3 1/2 Rkq'kbae%
- 2- 1/3 1/2 Lkq'kUka
- 3- 1/4 1/2 'kCn ds IkqkZ
- 4- 1/2 1/2 dEkZ'kkj ,k
- 5- 1/4 1/2 OkjEkA

1/2k 1/2 mfPRk Lkq'k TkkfM,ks &5

- 1- LUkq%
 - 2- mnkjRkk
 - 3- fUkj k' kk
 - 4- nq'kEk~
 - 5- nkUkOkhj Rkk A
- vFkOkk

fjDRk LFkkUkka dh Ikq'kZ dhfTk, &

- 1- vEkRka
- 2- Okh ,kEk~
- 3- PkkHkOkRk~
- 4- Ekkf .kD ,ka
- 5- fOkTk ,kRks A

mUkj 2 Lkq'k f0kPNsn dj Lkq'k dk UkkEk

- 1- RkL ,k \$ vUkq'kk% 1/2 Okj Lkq'k 1/2
- 2- RkfLEkUk~ \$, Ok 1/2 kq'kUk Lkq'k 1/2

mRrj 3 'kCnka dh Lkq'k dj Lkq'k dk UkkEk

- 1- EkgRkhg 1/2 Okj Lkq'k 1/2
- 2- fUk ,kq'Rkk' Pk& 1/2 OkLkXkZ Lkq'k 1/2

- mÜkj 4 'kCn: Ik fUknž kkUkq,kkj RkhUkka OkPkUkka Eka
- 1- UkkS & f}Rkh,kk& UkkOkEk~ & UkkOkks & UkkOk% A
 - 2- IkFFkUk~ & RkRkh,kk & IkFkk & IkFkKH,kkEk~ & IkFFkFHk% A
 - 3- vnLk & PkRkqkzhz & vEkqEkS & vEkH,kkEk& vEkHh,k%&
 - 4- |kS & "k"Bh & |k% & |Okk% & |OkkEk~
 - 5- fxkj~ & IkFkEk & Xkth% & fxkj,k& fxkj%&

- mRRkj 5 Lkã,ÑRk Eka Lkã,kk
- 1- Ik´Pkk'kRk~
 - 2- Ik´Pkk'khFRk%

- mÜkj 6 /kkRkq Ik RkhUkka OkPkUkka Eka
- 1- Hkw ¼HkOk½ YkVYkdj ¼m-lkq½ HkOkkEk&HkOkkOk% &HkOkkEk%&
 - 2- nk ¼nn½ YkVYkdj ¼Ek-lkq½ nkL,kfRk&nkL,kRk% &nkL,kfURk A
 - 3- IkPN~ Yk³Ykdj ¼e-lkq½ vIkPN%& vIkPNRkEk& vIkPNRk A
 - 4- Ukh ¼v¼k,k Ykks/Ykdj ¼m-lkq½ Uk,kkfUk&Uk,kkOk&Uk,kkEk A
 - 5- vPkZ ¼Okf/kfYka³½ ¼v-lkq½ vPkRk& vPkRkEk&vPkRk%&

- mÜkj 7¼v½ OkkP,k Ikfj OkRkZk
- 1- RkGk gL,kRks
 - 2- jkEks k Ikq,Rkda IkB,kRks
 - 3- jkEk% jkOk.kEk~ vGUkRk~
- ¼k½ fdUgha nks 'kCnka ds IkR,k,k IkFkd dhfTk,
- 1- XkEk~ \$ Rkqkqk~
 - 2- n" k- \$ vUkh,kj
 - 3- fYk[k- \$ vUk A

- mÜkj 8-¼v½ 'kq) OkkD,k
- 1- f'kOkk,k UkEk%
 - 2- UkIk% fUk/kZkk,k /kUka nnkFRk A

- 3- CkYkd% Ok{kkRk~ IkRkFRk A
- ¼k½ fgUnh Eka vUkQkn
- 1- ,kgkj fOkKkUk fOk" k dk v/,k,kUk gks jgk gA
 - 2- Okg vIkUks fIkRkk ds LkkFk Ok/kkZ Xk, A
 - 3- bLk fPk«kdW/ dks n[kka
 - 4- EkS [kYk jgh gW fdRkq Ik<Rkh Hkh gW
 - 5- mUgkks vIkTka ds LkkFk Hkh" k ,kq) fd,kkA

- ¼k½ LkãÑRk Eka vUkQkn
- 1- RkEk~ LkãÑRkL,k Xkdkhj KkUka vFLRk A
 - 2- fL«k,k% IkTUKh,kk% HkOkfURkA
 - 3- fOk | k LkEkEk~ /kUkEk~ UkkfLRkA
 - 4- jk,kIkj &UkXkjs fOkOkdUkan vkJEka vFLRk A
 - 5- v,kEk~ EkEk LkgIkBh gjh' k% vFLRkA

- mUkj 9 LkãÑRk OkD,k Eka Ikzkkk
- 1- v/kqk& v/kqk vga fYk [kkfEkA
 - 2- vfk& Lk% vfk fYk [kfrk A
 - 3- vYkEk& vYkEk fOkOknBkA

- mUkj 10 ¼½ LkEkLk fOkXkg dj LkEkLk dk UkkEk
- 1- jkEk% Pk Yk{Ek. k% Pk ¼}½ LkEkLk ½
 - 2- Ck. kUk grk% ¼rh; k RkRk#"k LkEkLk ½
 - 3- UOkkUkEk~ jkf«k. kEk~ LkEkkgkj% ¼}XkqLkEkLk ½

- ¼k½ LkEkLk dj] LkEkLk dk UkkEk
- 1- nhknkUkEk~ & RkRk#"k LkEkLk
 - 2- UkhYkkRkYka & dEkZkkj,k LkEkLk
 - 3- vUkQPkRk & Uk ~ RkRk#"k LkEkLk A

mUkj & 11 ¼OkOkdUkq,kkj ½

mùkj 12& vIkfBRk Xk | kà k

- 1- 'kh"kd dEk& Ikk/kkU, kEk~
- 2- Lkkj kà k& EkkUKOKUKkEk~ vf/kdkj% dEkZ. k , Ok fOk"ks OkRk&kA QYkSkq dnkPKUK
Ukkf/kdkj%A vRk, Ok TKUK% dnkflk dEkQYks vLkDRK% dEkLkq vLk³x
Okk Ekk HkOkRkA

mùkj 13 Xk | kà kka dk fgUinh Eka vUkQkn

- ¼½ mùkds Nks/s Hkkbz n&Ukj&jkTks& vksj vk&Ikdk'k Uks Hkh mùkdk vUkQj .k
fd, kka mùkdh bPNk Lks mùkds fEk&kka vksj 'k&fPk&dka ds }kj k jk, klgj Eka jkEkN". k
lkjEkglk UkXkj ds dks/k {ks&k Eka vR, k&k fOk' kYk fOk&dkUKan fOk | kkhB LFkkfIRk fd, kk
Xk, kka Okgk; fOk&dkUKan f' k&kk Lk&FkkUk Hkh LFkkfIRk fd, kk Xk, kk Tkgk; Ckh-, M- Ikf' k&k. k
dh LkEk&PkRk UkOkPkj h O, kOkLFkk g&
- ¼½ Rk&k dHkh nkUk' kYkkvka Eka fOkPkj .k djRks gq mLk jkTkk Uks CkgRk /kUk ds YkkHk Lks
Lk&QV ,kkPkda dh dEk Lk&, kk dks n&kdj Lk&Rk& fd Ekj's, kkPk d Rks /kUkYkkHk Ekk&k
Lks gh Lk&QV gks TkrRks g& fuk' Pk, k gh Oks nkUkOhj Lk&RkX, k' kYkh g& fTkUkds ,kkPk d
'kj hj ds v&kka dks Ekk&Rks g& bLk Ik&kj jkTkk dk vIkUks 'kj hj ds Ik&Rk fukjLk&DRk
TkUkdj Lk&Ikwz Ckg&. M O, k&dk gks Xk, kka
- ¼½ gEkjk n&k HkkjRk Ok"lz g& LkUk~ ¼1947½ méhLk Lks Lk&kkfYkLk Eka HkkjRkn&k LOkRk&k
gq/k A v&k&T' klgk; 'kkLkUk djRks Fk& LOkk/khUkRk ds fYk, n& kHkDRkka Uks /kUk fn, kk
, k&dk Uks vIkUks Ikk. k R, k&Xk& jkUk Yk{EkhCk&bz , d Ik&Q&k Lk&kkUkkf, kd k Fk&A mùkds
fIkRk fCk&ij jkT, k Eka jgRks Fk&A
- ¼½ HkkjRk, k EkUkhf" k, kka ¼fOk}kUk& dz dk dFkUk LkR, k gS fd Ukkjh Ukkj, k. kh gk&kh g& Ukkj h
n&kkz gk&kh g& Ukkj h Lkj LOkRk gk&kh g& Tkgk; Ukkfj, kka dk Lk&EkkUk gk&kh g& Okgk; n&RkRk
fUkOkLk djRks g& IkkPkUk bFRkgkLk Ek& Ikgj. k Eka Ok&MlFuk"kn Eka Ukkfj, kka dh
Ekfg&k fn [kkbz n&kh g& Oks Lk&EkkfTk&d] /k&f&zd] vksj vk/, k&fREkd dk, k& Eka Ikq "k dh
LkgHkkfXkUk gk&kh g& mùkdk IkfjOkj ds Lk&Fk Lk&dk HkkOkIkwz Ekkf&kd ¼v&Rk j&½ gk&ks
g&

mùkj 15 'Ykkaka dk fgUnh Eka vUkQkn

¼½ jLk,kØRk] KkUk Lks ,kØRk] Lkhkh dks vPNh YkXkUks OkYkh] YkfyYR,k ,kØRk EKUkKj] LkØn ,k,kØRk vEKRk ds LkEkkUk Okk.kh ¼nØkk.kh½ LkLÑRk Hkk"kk Uk DYks knk,kh gS Uk dfBUk gA

¼½ fUKEUK dkfV ¼fUKEUKOkXk½ ds Ykkk Ckk/kkvka ds Mj Lks fUkf' PkRk gks dk ,kz dks vkj Bk Uggha djRka Ek, kEk OkXkhzk Ykkk dk ,kz dks Ikkj Bk dj ds Ckk/kk vUks Ikj NkM nBks gA Ikj URkq fOk/Uka }kj k Ckkj & Ckkj LkRk, TkkUks Ikj Hkh ¼kgkj djUks Ikj Hkh½ mùkEk OkXkhzk Ykkk vkj Bk fd ,ks Xk ,ks dk ,kz dks Ikwkz fd, fCkUk Uggha NkM/Rka

¼½ fOk | k fOkUk ,k nBkh gA fOkUk ,k Lks ,kX ,kRk ¼kk«kRk½ IkkIRk gkBkh gA ,kX ,kRk Lks /kUk IkkIRk gkBkh gS /kUk Lks /kEkz vkj mLkLks ¼kEkz Lk½ Lkqk IkkIRk gkBkh gA

¼½ nBk , kkk fUk' Pk ,k dj ds Tkks EKUk dks nUkj ¼vYkXk½ djRk gS mLk dAfk vkj vLFkj Ck) Lks CkMk IkkIkh vkj dØk gS

mùkj 16 Ikz Ukka ds mùkj LkLÑRk Eka

- 1- dfOkdkf dYk% CkkYEkhfd% vFLRka
- 2- fOk }kUk fOk | ,kk vEKRka v' UkBka
- 3- CkKf/LkRk% 'ks kØkRk~, Ok Ck) kskLskh fOkUk ,k' khYk% 'kkL«k Ikkj a³XkRk% Pk vkLkhrka
- 4- y{ehckbz 'kL«k fOk | ka ,k) dYkk ,kka Pk fUkIkqkk vkLkhrka
- 5- vLk' ,kRk & fUkOkk ,k ,k vEckM/dj Ok ,k ,k Ckgqkk IkzkkLk% ÑRk%
- 6- fOk | kghUk% Ukj% Ik' k& Lkn' k% HkØFRka

mùkj 17 Ikz Ukka ds mùkj fgUnh Eka

- 1- /kUkhj kEk ,kKkIkq "k vkREkkUk ds fIRk FkA
- 2- Ck-, M- Ikf' k{k.k dh O,kØLFkk jkEÑ".k IjEgk UkXj ds dks/k {k&k jk ,kIgj Eka LFkkfIRk fOkØkØkUk LkL FkkUk Eka gA
- 3- fPk«kdW/ IkØRk EkankfdUkh Uknh ds mùkEk RkhFkKj EkXk&Ikf{k ,kka Lks LkØUk vR ,kRk jEk.kh ,k gS fTkLks nqkdj EkUk vUkânRk gks TkkRk gA
- 4- PkYkfpk«k vkj nijn' kØk Eka Ukfj ,kka dk LOk: Ik LkEkkUkTkUkd Uggha fn [kk ,kk TkkRk A

- 5- EkkRkk ds LkEkkuk vU,k dkbZ Xkq# Uqgha gS vFkkRk~EkkRkk gh LkOkZJ'SB Xkq# gA
 - 6- vIkPk Eka TKYk vkskf/k dk dk,kZ djRkk gA
 - 7- Tkks IkadV ¼LkEkkuk½ EkhBk vFkkRk~fikZk CkkYkRkk gS fdRkq IkhNs Lks dk,kZ dks fCkXkMRkk g\$, Lks fEk«k dks R,kXk nBkk Pkkfg, A
- mRRkj 18¼v½ dkbZ Hkh nks LkHkkf"krk 'Ykksd ¼fOkksdKukq,kkj½
- ¼Ck½ dkbZ Hkh IkkBk LkfdRk,kkj ¼fOkksdKukq,kkj½A

Set -C

gkbz Ldny I fVfQdV i jh{kk
High School Certificate Examination
I fiy&i7u i =
SAMPLE PAPER

fo"i; %& (Subject) - I ldr
d{kk %& (Class) - ni oha

I e; 3 ?k.Vs (Time- 3 Hrs)
i wkkbd 100 (M.M.)

fukn3 k

- 1/4 1/2 LkHkh Ikz Uk gYk djUkk vfukOkk,kz g8
- 1/2 1/2 'kq Rkk Ikj /,kkUk n8
- Ikz Uk 1-1/4 1/2 fUkEukfYkf [kRk Ikz Ukka ds Lkgh fokdYIk Pkqkdj fYkf [k, & 1/5 1/2
- 1/4 1/2 'kSyk&'kSys Uk HkOkfRk&
- 1/4 1/2 EkkSDRkda 1/4 1/2 PkanUka
- 1/4 1/2 XkTk%
- 1/4 1/2 Ekkf.kD,k
- 1/2 1/2 Ckge LkEkkTkL,k Lk8.Fkkikd% vLk.khRk&
- 1/4 1/2 Ekgf"Kz vj fokUn%
- 1/4 1/2 jkTkjkEk EkkjUkj,k,k%
- 1/4 1/2 EknUk EkkjUk EkkYkOkh,k%
- 1/4 1/2 jkEkN".k Ikj Ekg8k8
- 1/3 1/2 Lk8.NRk Hkk"kk vfLRk &
- 1/4 1/2 fDYk"Vk 1/4 1/2 dfBUkk
- 1/4 1/2 jEk.kh,kk 1/4 1/2 vCkks'kka
- 1/4 1/2 NRRkhLkXk<E,k [kTkjkgks bFRk UkkeE% IkfLk) %&
- 1/4 1/2 MkkkjXk<% 1/4 1/2 Hkkj Ekn8k%
- 1/4 1/2 jRkUkIkj UkXkEk- 1/4 1/2 vkj8k {k8kEk~A
- 1/5 1/2 Ikq "kks Ykksds fUkFUkRk% Uk HkOkfRk&
- 1/4 1/2 ngkPkjkh 1/4 1/2 dnkPkjkh
- 1/4 1/2 LknkPkjkh 1/4 1/2 vUkkPkjkh

1/2 fn, ks Xk, ks lknka Lks fj DRk LFkkUKka dh lknrkz dhfTk, & 1/2 5/2

1/2 fOkUK, kja Xkq k% , dnk] vXk EkRkqYkL, k%

- 1- &&&HkXkOkkUK Ckks/kLkRk% jkTkKkOkHkOkA
- 2- fOk | k nnkFRk &&&&&&&&A
- 3- Yk{EkHckkbz Lkpk"lz NrkOkRkh &&&&vXkPNRkA
- 4- LkOkz &&&&dk PkUK EkJ, kFURkA
- 5- v«k v, ka &&&&Xkigs fUkOkLkFRkA

vFkOkk

mfPRk LkOkk TkMdj fYkf[k, &

- 1- jkEkks jkTKEkf. k% Iq "k% Tk?kU, k A
- 2- nq kzk% & LkOkUKa ' kkkRks A
- 3- fOk | k lkj k & Lknk fOkTk, kRks A
- 4- lkj, ksk ghUK% & nSkRkk
- 5- XkU/ksk ghUKa & CkfgjSk EkUkkgj k%A

lkz Uk 2- fUkEufYkf[kRk lknka dk Lk/k fOkPNn dj Lk/k dk UkkEk fYkf[k, & 1/2 2 1/2

1/2 PkUaekn, k%

1/2 gjs «k

lkz Uk 3 fUkEufYkf[kRk lknka dh Lk/k dj Lk/k dk UkkEk fYkf[k, & 1/2 2 1/2

1/2 vUkq \$ v, k%

1/2 lkz \$, TkRkA

lkz Uk 4 fUkEufYkf[kRk Lk, kkvka dks Lk.Nrk Eka fYkf[k, & 1/2 2 1/2

1/2 50

1/2 70

lkz Uk 5 fUkEufYkf[kRk OkkD, kka ds OkkP, k lkfj OkRkzk dhfTk, & 1/2 2 1/2

1/2 ROkA lknRkda lBfLk 1/2 EkZkP, k Ekz

1/2 RkOk XkE, kRks 1/2 dRkZ OkkP, k Ekz

Ikz Uk 6	fUKEUKfYkf [kRk 'kCnka ds /kkRkq vksj Ikr,k,k vYkXk&vYkXk dj ds fYkf [k, &	1/02½
¼1½	PkRkO,k	
½2½	XkRk%	
Ikz Uk 7	fUKEUKfYkf [kRk Rkf) Rk : Ikka ds IkaÑfRk Ikr,k,k IkFd~ dhfTk, &	1/02½
¼1½	Ikf{kUk~	
½2½	YkfTTkRk%	
Ikz Uk 8	vO,k,kka dks LkaÑfRk OkkD,k Eka IkzkkXk dhfTk, &	1/02½
¼1½	v«k	
½2½	Ikfj Rk%	
Ikz Uk 9	LkEkkLk fokXkg dj LkEkkLk dk UkkEk fYkf [k, &	1/02½
¼1½	IkRkOkVh	
½2½	j kEkÑ". kks	
i zu 10	I kekfl d 'kCn fy[kdj uke fyf [k; s &	1/02½
¼1½	xak; k% I ehi e~	
½2½	i hra vEcja ; L; I %	
funð k&	fUKEUKfYkf [kRk Xk ka kka dk fgUnh Eka vUkQkkn dhfTk, &	
i zu 11	vFk , dnk HkXkOkkUk Ckks/kLkRk CkgqkUEkkfTkRk Ikq,kQYk% f' kOkhUka jkTkk CkHkka Lk CkY,kkRk~Ok) kskLkshj fokUk,k' khYk% 'kkL«kIkj ³XkRk% Pk vLkhrka TkUk dY,kk.k dEkLkq jRk% vLkks IkqkOkRk~ IkZkk% IkYk,kfRk LEka dk: .,k vksk,kkZn Lkn~ Xkq kkskRk% Lk% UkkjL,k LkEkURkRk% /kuk%&/kku,k LkEk) k% nkuk' kkYk% vdkj,kRka Rk«k vffkZkka LkEkq% vUk IkUk&OkLkuk&jTkRk& Lkqk.kkZndkfuk vHk"Vkfuk OkLkRkUk IkkI,k LkURkV% vHkOkRka jkK% nkuk' khYkRkEk~ vkd. ,kz ns kkURkj kks flk TkUk% Rka ns kEk~ vk,kkfURk LEka 1/3½	
i zu 12	Lkk vkYkS Lkg Hkh"ka ,kq) Ek~vdj kRka vURks Lkk v"Vkn'k' kRRkRkj v"V Ik 'Pkk' kRk~ [kblRkCns TkUk EkkLkL,k v"Vkn'ks fnUkqds ¼18 TkUk 1858½ ,kq) a ÑRokk «k,kksOká kFRk Ok"khzkk Okhj k³Ukk Yk{EkhCkbbZ Ikt.kkUk~ vR,kT,kRka v kfIk Ökka.kh nqkz Xkq 'FRkRkUk~ LOkj kUk~ TkUk% LEkj fURka	1/3½

i z u 13 Ikj k /kkj j kT, ks fLkU/kqkks UkkEk j kTkk fPkja IkZkk% Ik, kZkkYk, kRkA Ok) kOkLFkk, kka RkL, k HkkT k bOk Ikqkks vTkk, kRkA Lk, knk IkPkok"khZk% Rknk fikRkk ákREkkUkks Tjka KkROkk Ekq, kKEkkR, kKukkgyk Ekq fKUKkEkkUk EKUKq kaEkGkGkYkEkYkKkD, k Ikqk Pk GkYkaOkh, k fOkPkj, kKEkkLk &, k | ga j kT kYk{EkH Hkkj /kkj .ka LkEkFk± Lkknja Ekq fKEkIkGk, k j kT, ka Ikqk, k Ikz kPNs kEkA Rknk YkkokIkOkkn% L, kRkA 1/3 1/2

funð k& fUkEukfYkf [kRk Ik | ka kka dk fgUnh Eka vUkQkkn dhfTk, &

Ikz Uk 14 Lkg UkkOkOkRkq Lkg Uks HkkqDRkq Lkg Okh, ka dj OkkOkGÅ 1/0 3 1/2
RkT kL OkhUkkOk/khRkEkLRkq Ekk fOkf } "kkOkGÅ

Ikz Uk 15 IkjH, kRks Uk [kYkq fOk/KUHk, kSk UkhPkS IkjH, k fOk?UkOkfgRkk fOkj EkfURk Ek, kK%Å 1/0 3 1/2
fOk/UK% Ikqk% Ikqkj fik IkfRkgU, kEkUkk% IkjH, k PkkSjEkT kUkk Uk IkfjR, kT kFURkAA

Ikz Uk 16 LkR, ka GkqkFRIkz ka GkqkRkRLk, kEkfIkz kEkA 1/0 3 1/2
fikz ka Pk UkkURka Gkqkkn% /kEk% LkUkRkUk%Å

Ikz Uk 17 fUkEukfYkf [kRk Eka Lks fdUgha Pkkj 'kCnka ds 'kCn : Ik RkhUkka OkPkUkka Eka fUk, kEkUkq, kKj fYkf [k, & 1/0 4 1/2

1/1 1/2 Xkk& PkRkqkZ fOkHk fDRkA

1/2 1/2 Uk&LkIRkEkH fOkHk fDRk

1/3 1/2 IkfFkUk& RkRk, kK fOkHk fDRkA

1/4 1/2 Ik, kLk- & "k" Bh fOkHk fDRkA

1/5 1/2 fxj- & f}rh; k foHk fDr

Ikz Uk 18 fUkEukfYkf [kRk Eka Lks fdUgha Pkkj /kRkq/ka ds /kRkq Ik fUknð kKukq, kKj RkhUkka OkPkUkks Eka fYkf [k, & 1/0 4 1/2

1/1 1/2 Hkw 1/4kOk 1/2 Yk³Ykdkj Ek, kEk Ikq "k A

1/2 1/2 vPk& YkV Ykdkj vU, k Ikq "k A

1/3 1/2 RkIk& fOkf/k fYk³Ykdkj mÙkEk Ikq "k A

1/4 1/2 Ukh 1/4k, k 1/2 YkV~Ykdkj Ek, kEk Ikq "k A

1/5 1/2 â 1/4j 1/2 1/4kREkUkdkn 1/2 YkV Ykdkj mÙkEk Ikq "k A

Ikz Uk 19 fUkEukfYkf [kRk OkkD, kka Eka Lks fdUgha Pkkj OkkD, kka dk LkãÑRk Eka vUkOkkn dhfTk, & 1/04½
 1/1½ Okg vPNk Ik<Rkk gÅ
 1/2½ XkkPk ds Pkkjka vksj TkãkYk gÅ
 1/3½ LkjLokRkh Tkh dks UKEkLdkj gÅ
 1/4½ gEkkjs IkfRk ÑIkk dhfTk, A
 1/5½ IkOkRkka Eka fgEkkYk, k mPPkRkEk gÅ

i / u 20 fdUgha 4 okD; ka dk fgUnh ea vuOkn dhft, & 1/04½
 1/1½ jke%ekgusu I %jk; ija xPNfrA
 1/2½ o{kk~i =kf.k i rfUrA
 1/3½ xjiosueÅ
 1/4½ i qrdai B xga xPNA
 1/5½ I hrk ØhMkx.ks ØhMfrA

Ikz Uk 21 v/kkfykf [kRk Xk | kãk dks Ik<dj Ikz Ukka ds mUkj LkãÑRk Eka fYkf [k, & 1/04½
 LkãÑRk Hkk"kk Uk dSkYkEkRkRkL, k vfiRkq HkfoK" , kL, k vfiK Hkk"kkfLRka b, kEkSkEk-
 LkEk) k , kL, kka nk' kZUkd fPkURkUkEkSk Uk dSkYkEkfIkRkq OkSkkfUkd RkF, kUkka IkHkkOkIkwkz
 Ok. kZka dRkq, 'kD, kRkÅ LkH, kRkk LkãÑRkjsk b, ka IkPkHURkEkK Hkk"kk Uk] vfiRkq EkkuOk
 LkH, kRkk, kk% mRÑ"Va Lkãdkj IkwkEk~ Pk fPkURkUkEk~ vfHko, k fFkUk, k Lk{kEkka vLEkkfHk%
 , Rkn~ KkRko, kEk~ , kRk~ LkãÑRk Hkk"kk, kk% v/kkfkRkUks , kKks Lkkfgr, k&n' kZk&KkUk {kksks
 vL, kk% mIk, kKkK HkkOk' , kdEk~ LkOkZgrk, kskã Hkk"kkA

Ikz Uk
 1/1½ ' kh"kdãa fYk [kRkq A
 1/2½ Lkkj kãk fYk [kRkq

Ikz Uk 22 vIkUks fEk«k dks LkãÑRk Hkk"kk Eka Ik«k fYkf [k, fTkLkEka Ij h{kk dh RkSkkj h dk mYYks [k
 gks 1/04½

vFkOkk

IkkPk fnUkka ds vOkdk' k ds fYk, IkkPk, kZ Ekgkn, k dks LkãÑRk Hkk"kk Eka vOkknUk Ikak

		fYkf[k, &	
Ikz Uk 23	IkB;	IkqRkd Lks IkPpK LkDRk, kq; fYkf[k, Tkks bLk Ikz UkIk«k Eka Uk vk, kk gk&	105½
izu 24	viuh ikB;	iqrđ l snks l kkkf"kr 'ykd fyf[k; s tks izu&i = ea u vk; k gkA	15½
Ikz Uk 25		fUkEukfYkf[kRk Ikz Ukka ds mUkj LkLÑRk Eka nhfTk, &¼dkbz 6½	106½
	1/1½	RkYkbtæ% dL, k UkEk vkLkRkA	
	1/2½	LkTTkUkk% dhn' k% n' ,kURks	
	1/3½	Pkj d LkfgRkk, kk% j Pkf, kRkk d% \	
	1/4½	Yk{Ekhckkbz fdEk~Uk vR, kT, kRkA	
	1/5½	EkkUkKk% dL, k QYkEk~bPNfURkA	
	1/6½	fOk k fOkghUk% Ukj% dhn' k% HkOkfRkA	
	1/7½	Hkksj enD% dæ fLFkr%	
Ikz Uk 26		fUkEukfYkf[kRk Ikz Ukka ds mUkj fgluh Eka nhfTk, & ¼dkbz 6½	106½
	1/1½	fPk«kdW IkOkRk% dhn' k% vFLRkA	
	1/2½	LkEkKz ns' ks vEckM/dj Tk, kRkh dnk vkPkfjRkA	
	1/3½	EkgkEkk, kk Ekñja dsk fUkFEkRkEKA	
	1/4½	vTkh. kš Okkfj fdEk~djksRk \	
	1/5½	Ukk, k% , k«k Ikñ, kURks Rk«k fdEk~HkOkfRk \	
	1/6½	LkUkRRkUk /kEk% d % vFLRkA	
	1/7½	ekgu% dsu jksxs k i hfMf% vki hrA	
Ikz Uk 27		fUkEukfYkf[kRk fOk" k, kka Eka Lks fdLkh , d Ikj LkLÑRk HkK"kk Eka IkUæg OkkD, kka Eka fUkCkdk fYkf[k, &	108½
	1/1½	Nk«kTkhOkUkEk~ 1/2½ Ikj kskdkj% 1/3½ m kUkEk~ 1/4½ vUkq kkLkUkEkA	

vkn'kZ mRRkj &LkV&Lkh

mRRkj 1 1/2 I gh fodYi

- 1- 1/2 Ekkf . kD , ka
- 2- 1/2 j kTkkj kEk EkkgUkj k , k
- 3- 1/2 j Ek . kh , kk
- 4- 1/2 Hkkj Ekn%
- 5- 1/2 LknkPkkjh A

1/2 fjDr LFkku

1/2 , dnk

1/2 fOkUk , ka

1/2 vXks

1/2 Xkq kk%

1/2 EkkRkYkL , k A

vFkOkk

mfPkrk Lkkaik TkkM , ks

1/2 j kEkj kT kEkf . k% & Lknk fOkTk , kRkA

1/2 nqkZkk%&Ckfgj k EkUkkj k% A

1/2 fOk | k lkj k & nSkRkA

1/2 lkt , ksk ghUk% & lkq "k% Tk?kU , k A

1/2 XkU/ksk ghUka & LkqkUka Uk ' kkkRkA

mUkj 2 I a/k foPNn dj I a/k dk uke

1/2 Pklæ \$ mn , k% 1/2 kq k LOkj Lkã/k1/2

1/2 gjs \$ vek 1/2 kãZ lk LOkj Lkã/k1/2

1/2 TlxRk~ \$ UkkFk 1/2 kãkUk Lkã/k1/2

mUkj 3 I a/k dj I a/k dk uke

1/2 vUOk , k% 1/2 k . kLokj Lkã/k1/2

- $\frac{1}{2}k\frac{1}{2}$ IkRks $\frac{1}{4}kj$: Ik LOkj Lk/k $\frac{1}{2}$
 mRRkj 4 I ldr ea l d; k
 $\frac{1}{2}k\frac{1}{2}$ Ik Pk; k' kRk~
 $\frac{1}{2}k\frac{1}{2}$ LkIRkFRk%
 $\frac{1}{2}k\frac{1}{2}$ f«kUKOkFRk% ,kk «k,kkOkFRk%
 mUkj 5 okP; ifjorU
 $\frac{1}{2}k\frac{1}{2}$ ROk,kk IkL,Rkda IkB; RkA
 $\frac{1}{2}k\frac{1}{2}$ Lk% XkPNFRk A
 $\frac{1}{2}k\frac{1}{2}$ ROk,kk gL,kRkA
 mUkj 6 /kkrq, oa i R; ;
 $\frac{1}{2}k\frac{1}{2}$ fPk $\frac{1}{4}kkRk\frac{1}{2}$ \$ RkC,kRk $\frac{1}{4}kR,k,k\frac{1}{2}$ $\frac{3}{4}$ PkRkC,k
 $\frac{1}{2}k\frac{1}{2}$ XkEk~ $\frac{1}{4}kkRk\frac{1}{2}$ \$ DRk $\frac{1}{4}kR,k,k\frac{1}{2}$ $\frac{3}{4}$ XkRk%
 $\frac{1}{2}k\frac{1}{2}$ IkB~ $\frac{1}{4}kkRk\frac{1}{2}$ \$ vUkh,kj $\frac{1}{4}kR,k,k\frac{1}{2}$ $\frac{3}{4}$ IkBUkh,kA
 mUkj 7
 $\frac{1}{2}k\frac{1}{2}$ Ik{k \$ buk~ $\frac{1}{2}bFRk$ IkR,k,k $\frac{1}{2}$
 $\frac{1}{2}k\frac{1}{2}$ YkTTkk \$ bRkPk~ $\frac{1}{2}bRkPk$ ~ IkR,k,k $\frac{1}{2}$
 $\frac{1}{2}k\frac{1}{2}$ TkUk \$ $\frac{1}{2}kYk$ ~ IkR,k,k $\frac{1}{2}$
 mRRkj 8
 $\frac{1}{2}k\frac{1}{2}$ TkYkSk fCkUkk TkOkUka UkkFLRkA
 $\frac{1}{4}k\frac{1}{2}$ EkkRkk CkkYkdk,k n $\frac{1}{4}$ /ka nnkFRkA
 $\frac{1}{2}k\frac{1}{2}$ jk/kk EkInja XkPNFRkA
 mUkj 9
 $\frac{1}{2}k\frac{1}{2}$ v«k Ok{k% LkFURkA
 $\frac{1}{4}k\frac{1}{2}$ Xkga IkfjRk% Ok{k% LkFURkA
 $\frac{1}{2}k\frac{1}{2}$, dnk EkGRkh of"V% vHkORkA
 mUkj $\frac{1}{4}10\frac{1}{2}$

$\frac{1}{4}\frac{1}{2}$ IkPkkUkkEk~ OkVkuKkEk~ LkEkkGkj% $\frac{1}{4}$ }Xkq LkEkkLk $\frac{1}{2}$
 $\frac{1}{6}$ k $\frac{1}{2}$ j kEk' Pk Ñ".k' Pk $\frac{1}{4}$ }U} LkEkkLk $\frac{1}{2}$
 $\frac{1}{4}$ Lk $\frac{1}{2}$ XkZkk₃kk% LkEkhiEk~ $\frac{1}{4}$ RRIkq "k LkEkkLk $\frac{1}{2}$
 $\frac{1}{4}$ n $\frac{1}{2}$ IkhRkEk~ vEckj a₃kL₃k Lk% $\frac{1}{4}$ CkgqkbfG LkEkkLk $\frac{1}{2}$

mUkj $\frac{1}{4}$ 1 $\frac{1}{2}$

	'kCn	fOkHkfDRk	, dOkPkUk	f}OkPkUk	CkgqkPkUk
1-	Xkks	PkRkfkHkz	XkOks	Xkkk ₃ kkEk~	XkkE ₃ k%
2-	Uk'	LkIRkEkH	Ukfj	Ukks	Uk"Kq
3-	IkfFkUk~	RkRkh ₃ kk	IkFkk	IkfFkH ₃ kkEk~	IkfFkfHk%
4-	Ik ₃ kLk	"k"Bh	Ik ₃ kLk%	Ik ₃ kLkk%	Ik ₃ kLkkEk~
5-	fXkj	f}Rkh ₃ kk	fXkj Ek~	fXkj kS	fXkj %

mRRkj $\frac{1}{4}$ 2 $\frac{1}{2}$

	/kkRkq	lkn	YkdKj	Ikq "k	, dOkPkUk	f}OkPkUk	CkgqkPkUk
1-	Hkw	Ikj LEkSkN	Yk ³ YkdKj	Ek-lkq	vHkOk%	vHkOkRkEk~	vHkOkRk~
2-	vPkZ	Ikj LEkSkN	YkVYkdKj	v-lkq	vFPkZ ₃ kFRk	vFPkZ ₃ kRk%	vFPkZ ₃ kFURk
3-	RkIk~	Ikj LEkSkN	fOkf/kfYk ³ ~	m-lkq	RkIkSkEk~	RkIkSk	RkIkEk
4-	Ukh	Ikj LEkSkN	YkVYkdKj	Ek-lkq	Uk ₃ kFLk	Uk ₃ kFk%	Uk ₃ kFk
5-	â	vKREkUkSk lkn	YkVYkdKj	m-lkq	gfj . ₃ ks	gfj . ₃ kkOkgs	gfj . ₃ kkEkGÅ

mRRkj $\frac{1}{4}$ 3 $\frac{1}{2}$

$\frac{1}{4}$ 1 $\frac{1}{2}$ Lk% 'kkkUka IkBFRk A
 $\frac{1}{2}$ 2 $\frac{1}{2}$ XkkEka Ikfj Rk% OkUkEk~ vFLRkA
 $\frac{1}{3}$ 3 $\frac{1}{2}$ Lkj LOkR₃kS UkEk%
 $\frac{1}{4}$ 4 $\frac{1}{2}$ Ekka IkFRk ÑIkka dq A
 $\frac{1}{5}$ 5 $\frac{1}{2}$ IkOkRkSkq fgEkkYk₃k% mPPkRkEkEk~ vFLRkA

mUkj $\frac{1}{4}$ 4 $\frac{1}{2}$

$\frac{1}{4}$ 1 $\frac{1}{2}$ nkUk Lks fOk | k IkIRk gkBkh gÅ

- 1/2½ gEk v/,k,kUk ds fYk, fOk | kYk,k vkrks gA
- 1/3½ IkfjJEk ds fckUkk dkbz Hkh dk,kz fLk) Ukgha gkBkk A
- 1/4½ gEkkjs n's k dk UkkEk HkkjRkOk"Kz gA
- 1/5½ Xkdkk fgEkkYk,k Lks fukdYkRkh gA

mUkj 1/15½

- 1/1½ RkYktae% LOkkEkH vkREkkUkUnL,k 'kS kOkkdYkL,k UkkEk vLkhrk~
- 1/2½ LkTTkUkk% UkkfjdYk LkEkkdkjk n' ,kURkA
- 1/3½ Pkj d LkfgRkk,kk% j Pkf,kRkk Pkj dkPkk,kz% vLkhrk~ A
- 1/4½ Yk{EkHckkbz 'k«kk% vXk% LOk LkEkkUka Uk vR,kTRkA
- 1/5½ EkkUkOkk% Ikq,kL,k QYka bPNfURkA
- 1/6½ fOk | k fOkghUk% Ukj% Ik'k% Lkn'k% HkOkFRkA

mUkj 1/16½

- 1/1½ EkankfDUkh Uknh Lks ,kDRk fPk«kdW jEk.kh,k gA
- 1/2½ LkElkwkz n's k Eks vEckM/dj Tk,kRkh Pkkng vIkYk dks EkUkkbz TkkRkh gA
- 1/3½ EkGkEkk,kk Ekfnj jkTkk jRUksOk }kj k CkUkOkk,kk Xk,kkA
- 1/4½ vIkPk Eka TkYk vkskf/k dk dEk djRkk gA
- 1/5½ Ukkfj ,kk; Tgk; IkTkh TkkRkh gS Okgk; nSkRkk fUkOkLk djRks gA
- 1/6½ LkR,k vksj filzk CksYkUkk Pkfg,] vfilzk LkR,k vksj vLkR,k Ukgha CksYkUkk Pkfg,] ,kgh LkUkRRkUk /kEkz gA

mUkj 17 1/1½

- 1/1½ IkkB; IkkRkd ds LkHkkf"krkkfUk IkkB Lks nks 'Ykcd
- 1/2½ IkkB; IkkRkd Lks IkkPk LkfdRk,kk; A

mUkj 1/18½

- 1/1½ 'kh"kd & LkL~NRk Hkk"kkA
- 1/2½ Lkkj kd k & LkL~NRkHkk"kk Uk dSkYka vRkhrkdYkL,k Hkk"kk vFLRk vflkRkq vfLEkUk~ vk/kqUkd ,kks vflk LkOkFkk mlk,kkSkh Hkk"kk vFLRkA b,kEk~ Hkk"kk LkkgfR,kd &nk' kTukd&vk/,kKfREkd&LkkekffTkD&OkSkfUkd&fPkURkUks

vfHkR_kT_kRks Pk LkOkEkk Lk{kEkk vFLRkA

mUkj 19 fgUnh vUkQkn

¼d½ , d Ckj HkXkOkkUk CkKf/kLkRok CkgBk TkUEkka Lks , d«k fd_ks Xk_ks Ikq_ks QYkka Lks f' kOkh UkkEkd jkTkk gq A CkPkIkUk Lks gh Ok) ka dh LkSkk djUks OkkYks fOkUkElz vkSj 'kkL«kka Eka fUkIkqk FkA Ykkkka ds dY_ks.k ds dk_kskz Eka YkXks Okg Ikqk ds LkEkkUk IkzTk dks IkYkRks FkA n_kskYkRk] mnkjRkk vkfn LknXkqkka Lks_kDRk Okg Ukkj ds Pkkjka vkj /kUk /kkU_ks Lks LkEk) nkUk'kkYkk, j CkUkk_khA Okgk_kskPkodka dk LkEkng vUUK TkYk] OkL«k] Pkkph] Lok.kz vkfn Pkkgh Xkbz OkLRkq/ka dks IkIRk dj LkRkqV gq A jkTkk dh nkUk'khYkRkk dks Lkqkdj vU_ks ns'kka Lks Hkh Ykkk mLk ns'k dks vRks FkA

¼k½ Okg vLkT'kka ds LkkFk Hk_kad j_ks) fd_kskA vBk Eka mLkUs 18 TkUk 1858 dks_ks) djRks gq RkbZk Ok"khzkk Okhj kkkUk Yk{EkhCkzbz Uks lkk.kka dks R_ksk fn_kskA vkTk Hkh OkkLkh ds fdYks Eka XkqRks gq Lokjka dks Ykkk_ksn djRks gA

¼k½ IkPkUkdYk Eka /kkj jkT_ks Eka fLU/kqYk UkkEkd jkTkk Uks CkgBk fnUkka Rkd IkzTk dk IkYkUk fd_kskA Ok) kOkLFk Eka mLkds Hkktk Tk_ksk Ikqk mRkUkUk gq/ka Okg TkCk IkPk Ok"khz dk Fkk RkCk fIRkk Uks vUks Ckq-kkks dks TkUkdj IkzkkUk vEkr_ks ½Ekakh½ dks CkYkdj Ekq`Tk UkkEkd vUks Nks/s Hkzbz dks EkqCkYkh ns[kdj RkFk Ikqk dks CkYkd ns[kdj fOkPkj fd_ksk&_ksn Ekd jkTYk{Ekh ds Hkj dks /kkj.k djUks Eka LkEkFz Lkgknj Ekq`Tk dks NkM dj jkT_ks dks Ikqk dks lknUk d: xkk RkCk Ykksd fUkank gkLkA

¼k½ vkTk mLk Ukkjh LkqkHk] dkEkYk an_ks] n_ksk Lks_kDRk] LUksjEk_kh EkEkrkk Lks lkwk {kEkEk_kh] fOk'OkLk#lk gkks_ks vkOk'_kd gA vkTk Hkh Oks Yk{Ekh] LkhRkk] nkkz Yk{EkhCkzbz vkfn gkRkh mLkds R_ksk] CkYknUk] LkEkIz_k] OkhjRkk] 'kDRk] LkRkRk] fOk'OkLk vHkRkIkKz 'kDRk dks Yk gkRkA Ukkjh Ukkj_ks.k.kh] vkTk Hkh lkwkUk_ks gkRkA

mRRkj 20 lk | ká kka dk vUkQkn&

¼d½ gs lkj EkkREkk gEk nkskka dh j{kk djA gEk nkskka LkkFk &LkkFk mlkHkXk djA gEk nkskka fEYkdj lk#"kkFz djA gEk nkskka RkSTLOkh , Oka fOk}kUk CkUks v/_ks_kUk djA gEk , d mlkjs Lks }sk Uk djA

¼k½ UkhPk O,kfDRk fOk/Uk ¼kk/kk½ vkuks ds Hk,k Lks dk,kz vkjBk gh Ukggha djRks Ek/,kEk Js kh dsO,kfDRk dk,kz dks lkkjBk djds fOk/Uk ds dkj .k CkhPk Eka NkM nBks gA mÜkEk O,kfDRk fOk/Uk ds Ckj&Ckj Ikzgj djUks lKj Hkh lkkjBk fd,ks Xk,ks dk,kz dks lkjK fd,ks fOkUk Ukggha NkM/RkA

¼kk½ LkR,k CkKkKk½ flkz,k CkKkKk½ vLkR,k ,Ok vflkz,k EkRk CkKkKk½ vkj flkz,k vkj vLkR,k Uk CkKkKk, kgh LkUkRkUk /kEkz gA

¼k½ nqV Ckj's dk,kz djRks gA mUkdk FkkM/k CkgBk lKj.kkEk LkTTkUka dks fEKYkRk gA TkS.k&jkOk.k Uks LkRk dk gj.k fd,kk vkj bLk dk,kz ds lKj.kkEkRk% LkEkæ lKj lKjK dk CkKkUk gqk A

mÜkj 21-

fEk«kk,k lK«kEk~

flkz,k fEk«k

jk; ijr%

UkEkLdkj%

25-11-10

v«k Ok,ka LkOkz dqkfykUk% A HkOkUk~ vflk dqkYkh bfrk EkU,ka HkOkRk% lK«ka lKkRkEkA lK«k&YkS[kUks fOkYkEkks/HkOkRkA vRk% Nlk,kk {kE,kRkEkA HkOkRk% Okk"kbh lKjh{k flkdVv vflRkA HkOkUk~ EkUkLk lKbfrk bfrk fPkUR,kkEkA Nk«kTkhOkUka CkgBk,ka HkOkFRk] Nk«k TkhOkUkL,k lKFRk{k.ka v/,k,Uks O,kRkhrka HkOkFRk Rknk LkE,kd~ HkOkFRkA HkOkUk~ lKjh{k,kkEk~ mÜkEkJs,kkEk~ mÜkh.kz HkfoK",kfrk bfrk EkEk fOk'OkkLk%A LkOkzka fOk"K,kkUkEk~ v/,k,kUka lKjEkOk' ,kdEkA HkOkU~ lKjh{kka nRokk EkEk Xkgs vkXkPNURkA EkEk EkRk & flRk vflk HkOkURka æ"Vqk~ bPNRkA lK«ka fYk[kRkq fOk | kYk,ks fEk«kkf.k EkEk OkUkUkUk LkRk,kRkA bfrkA

HkOkRk% fEk«kEk~

f' koka k%

√FkOkk

√kOknUk Ik«kEk~

LkSkk, kEk~

JhEkURk% IkPk, kz Ekgkn, kk%

'kk-m-Ekk- fOk | kYk, k &&&¼N-Xk-½

fOk" k, k& Ik 'Pk fnUkkUkkEk~ vOkdk' kkFEk~ √kOknUk Ik«kEk~

Ekgk' k, k]

LkfOkUk, k fUkOknUkEk~ vFLRk, kRk~ EkEk fikRkk Ik 'Pk fnUkkUkka ÑRks IkVFYkIkqka
XkFEk", kFRkA Rk«k EkEk vfik XkEkUkEk~ vOk', kdEk~ vFLRkA dkj. ka EkRkRkYkL, k fOkOkkg%
vFLRkA RkRk% jkTkXkg] UkkYkknk XkEkUkL, k bPNka vFLRkA vga 'Ok% vkjH, k fOk | kYk, kEk~
√kXkURkqUkSk 'kDUkkFEkA Rkjh[k 25-10-10 Rk- 29-10-10 Ik, kZREk~√UkkfLEFRk% HkfoK", kkFEkA

√Rk% IkPk, kz Ekgkn, ka fUkOkn, kkFEk, kRk~ EkEk √kOknUk Ik«ka LOkhdkj kRkA, RkL, k
Lkg, kkkL, k ÑRks TkOkUk Ik, kZREk~ ÑRkK% HkfoK", kkFEkA
fnUkkad 24-10-10

HkOkRkkEk~ Nk«k%

vkdK' k

mRRkj 22

fUkOkk IkB; Ikq, Rkd Lks