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bl ds vvykok fu; k& vk/kkj r df'k dsfy, cMslrj dsfuosk dh vko'; drk gStksfd fl QZcMsdf'k 0; ki kj l aBu gh dj l drsg& vDI j , d k rdZfn; k tkrk gSfd ?kjywekax dh i firZ djusckn cpsgq eky dksfu; k& fd; k tkrk gSftl l s ?kjywekktkj e a f u f ' P k U k k v k r h g & y f d u , d k u g h a g s , d k d j u s l s g e H k k j r d k s ? k j y w m i H k k s c h v k o ' ; d o l r q a h k h m i y c / k u g h a d j o k i k ; s g & g e f u ; k & c k t k j c u k u s e a v l Q y j g s g l k f k g h c g r l h o l r q a g e a v k ; k r d j u h i M r h g & b l f y , f u x e d f ' k f u f ' p r m R i k n u o f u ; k & d s f y , c g r t : j h g & % k e k ] 2 0 0 7 % 9 4 l k f k g h v x j f o n s k h d E i f u ; k a d k s ; g k a d f ' k H k f e [ k j h n u s o d f ' k d j u s d h L o h d f r n s n u s l s f o d l h r d f ' k i ) f r ; k a o [ k k ] i k s ] k f x d h r d u h c l a ; g k a v k ; a h a b l d s v y k o k t c f d l h 0 ; k i k f j d l a B u d s f y , l E i f r j [ k u s i j d k b z i f r c l u / k u g h a g s r k s d f ' k 0 ; k i k j d j u s o k y s l a B u k a i j , d k i f r c l u / k D ; k a % t k g y ] 1 9 9 5 % <sup>28</sup>

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futh {ks= [k p j k 0 ; k i k j ] i d l d j . k o f u ; k & d s f y ; s e k y d h v k i f i r Z l f u f ' p r d j u s d s f y ; s v u c l u / k d f ' k d k l g k j k y r k g & v u c l u / k d f ' k d s d b z O k ; n s g k u s d s c o t e p H k h v H k h d k O h d e { k s = b l d s v l r x z r v k r k g & % d e p k j ] 2 0 0 8 % 5 5 H k k j r e a c g r l k j h d E i f u ; k a v u c l u / k d f ' k e a d k ; z d j j g h g a f t u e a f g l n l r k u ; q u h y o j ] f c j y k x i j ] f u t j l e g ] V k v k f d l k u l d k j - v k b v h l h ] o h e d k s i s l h Q m + i k o ] , u M h M h o h ] e d l o f k z v k s p k M - d M c j h b a M + k ] f c y V ] t s d s i s j ] , - o h - F k k i l ] f j y k a l , x k k / d l ] x k n j s t , x k k ; q u k ; V M c j s j h ] M h o l h o , e O J h j k e ] e k d Q M ] , y - , . M V h o , l d k W z v k f n i z e [ k g & % v l k s l u ] 2 0 0 5 ] f l g j ] 2 0 0 6 % <sup>2100</sup>

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fo'okl LFKfi r djuso Nfo fuekzk dsfy; &df'k {ks= eadk; j r futh dEi fu; kads l keustks l cl scMh l eL; k vkrh gSog fdl kuka }kjk dEi uh ij fo'okl uk dj i kuka l d l M k a l k y a l s H k k j r h ; f d l k u l k g p k j k a v k s e g k t u k a d s g k f k a ' k k s ' k r g k s j g s g & % k n o ] 2 0 1 1 % <sup>63</sup> b l f y ; s o s l j d k j d s v y k o k f d l h v k s r l u = i j f o ' o k l u g h a d j i k r a d f ' k 0 ; k i k j e a f d l h H k h d E i u h d h l Q y r k d s f y ; s v k o ' ; d g S f d o g f d l k u k a e a f o ' o k l d k ; e d j a t u l E i d Z u h r ; k a f d l k u k a v k s d E i u h e a i j L i j f o ' o k l d k ; e d j u s d s f y ; s d k j x j l k f c r g k r h g & v D I j , d k n s k k x ; k g S f d f d l k u k a e a d E i u h d h N f o c g r g h u d k j k R e d g k r h g & d E i u h f d l k u k a d s l k f k l g h 0 ; k i k j d j u k H k h p k g s r k s m l d h N f o v k M s v k r h g & b l f y ; s l g h t u l E i d Z u h r ; k a y k x w d j d s f d l k u k a e a f o ' o k l t x k u k c g r t : j h g S r k f d d f ' k 0 ; k i k j d h l E H k k o u k v k a d k i w k z n k g u f d ; k t k l d a

df'k 0; ki kj dk okroj .k fufeZr djusdsfy; &Hkkjr ead'k 0; ki kj l s l E c l u / k h o k r k o j . k f u f e Z r f d ; k t k u k t : j h g & f d l k u ] 0 ; k i k j h v k s l j d k j h r l u = b l h c k r d k s y d j f p a r r g a f d f u x e { k s = d s i o s k l s H k k j r h ; d f ' k c k t k j 0 ; o L F k f c x M + t k ; s c h A c g r l s y k s k a d k j k s t x k j f N u t k ; s k v k s f d l k u k a d s f g r k a d h j { k k d j u k e f ' d y g k s t k ; s c k A y f d u o k L r f o d r k b l d s f o i f j r g & o s ' o d L r j i j n s k k t k ; s r k s f u t h f u o s k d k d f ' k i j l d k j k R e d i H k k o i M e k g & H k k j r e a h k h b l i d k j d s y k h k m B k u s d s f y ; s d f ' k 0 ; k i k j l s l E c l u / k h H k k r ; k a d k s n j f d ; k t k u k t : j h g & ; g l c t u l E i d Z d s e k / ; e l s g h l E H k o g & f d l k u j L F k k u h ; 0 ; k i k j h v k s v l u ;

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og fuxekadh uhfr; kadksughal e> ikrkA fuxe {k= dksdfk 0; ki kj ea l Oy gksusdsfy; s; g l fuf' pr djuk gksk fd ml dh cukbz  
gpluhfr; kadh tkudkj l jy o lgt : i l sfdl kukard i gpa ; g tul Ei dZdsek/; e l sgh l EHko gA fdl kukard fuxekadh  
uhfr; ka l gh rjg l si gpsbl dsfy; svko' ; d gSfd l gh tul Ei dZuhfr dsek/; e l sfdl ku dsl kFk l økn fd; k tk; A fdcfodk]  
jHM]2002½<sup>287</sup>

'kks'k mIs ; , oa' kks'k fof/k

'kks'k dsmIs ;

bl 'kks'k dk; ZdsmIs ; vxfyf[kr gA&

1dfk l EclU/kh l pukvka dsfy, fdl kuka}kjk iz kx fd, tkusokysfofHku l puk L=krka dsckjs ea tkuuka

2dfk fuxe dh j .k dsi fr fdl kukadstfj; sdsckjs ea tkuuka

3dfk fuxe dh j .k ea l gk; d HkSrd l k/kukadstfj ea tkuuka

4dfk fuxe dh j .k dh Lohdk; Zk dks<kusdsfy, tul Ei dZekMy fodfl r djuka

'kks'k fof/k&bl 'kks'k dk; Zeadf'k {k= eadk; J r futh dEi fu; ka}kjk vvx&vyx xkoka ea djokbz tk jgh vuclU/k dfk ds  
l kFk yxrsxkoka ea l o{k .k fof/k dk iz kx fd; k x; k gA

fun'ku& i Lr' 'kks'k dsfy, dy 500 fdl kukadh vxhe ifri fV i klr dh xbZgA ftudk p; u fofHku fun'ku fof/k; kad  
ek/; e l sfd; k x; k gA

ftysdk p; u&gfj; k.k dsi fruf/kRo ds: i eaf l j l k ftysdk p; u bl fy, fd; k x; k gSD; kfd os'od Lrj dh dEi uh  
; ukb/M cjo jht }kjk bl ftyseai atkc dh l hek l sl VsyxHkx 57 xkoka ea vuclU/k dfk djokbz tk jgh gA ; g vuclU/k dfk ftysdh  
mi rgl hy dkykkyh l sl pkfy dh tkrh gA

xkoka dk p; u&'kks'k dk; Zdsfy; sp; fur 5 xkoka dk p; u ykVjh fof/k }kjk fd; k x; k gA fl j l k ftyseai k p fo/kkul Hk {k=  
gA mlgsvk/kj ekudj i R; d fo/kkul Hk {k= l s, d xko dk p; u fd; k x; k gA

fdl kukadk p; u&fun'ku dsrkj i j p; fur xkoka l si R; d xko l s100 fdl kukadksfun'ku dsrkj i j fy; k x; k gS; kfu dh  
dy 500 fdl kuka l svud ip dsek/; e l svkdm, df=r fd; sx; gA bu 500 fdl kukadk p; u vi kf; drk fun'ku fof/k dsek/; e l s  
fd; k x; k gA bu fdl kukadk p; u Lukky fun'ku fof/k ds}kjk fd; k x; k gA

l kfgR; dh l eh{k

1-txnh'k dckj o izk'k dckj }kjk ^dk/DV Okfeak% i ksyel ] i k i DVI , .M bVt bODVI vkW blde , .M bEi ykW eW'fo'k; i j  
dh xbZ'k dh fj i k/d dsvuq kj ; g rF; l keusvk; k gSfd vuclU/k dfk dksvi ukusdsckj .k fdl kukadh vk; eac<krjh gkrh gSvkj  
jkt xkj dsvol j eaof) gkrh gA %ttxnh'k dckj o izk'k dckj] 2008½

2-; kst uk i f=dk dstuojh 2011 dsvad ea l dki ky fl g vi usydk 'dfk 0; ki kj dsi edk epnseafy [krsgafd Nks/sfdl kukadstfy,  
tkf [kela ea deh dsfy, u fl QZimZr; 'kpk eW; 0; oLFk t: jh gScfYd l e; l s dPpseky dh vki fr; mRi knu vkj foi .ku dk  
foLrkj vkj Ql y chek Hk vfuok; ZgA ns'k ea Nks/sfdl kukadstsi krl kfgf djusokyh uhfr dh t: jr gA % dki ky fl g] 2011½

3-oh-ckfl y gd ] l d/ usvi us'kks'k ^, xh&fctud , .M : jy eust eW bu bM; k&b' ; q, .M psyB'tst^ eacr; k gSfd Hkjr eadf'k o  
ml l s tMh xfrfof/k; ka ea i fjo rZ ds l dkj kRed i fjo rZ ns'k kus dks feys gA dfk 0; ki kj dks vi ukdj fdl ku vi uh vk; vkj  
i zll/kdh; dksky eaof) dj l drsgA %ohO ckfl y gd ] 2008½

4-MKW e.e.kh; e] l gk; d mi k/; {k} , oyku dUl yVd h] efczbusvi us'kks'k i = ^, xh&fctud bt gfluak bu bM; k^ eafy [kk gSfd Hkjr  
eadf'k 0; ki kj dk vxexu gksppk gA dfk vc dfk 0; ki kj cu pph gA dbZfuxe [kk ] Jkkyk ea fuos'k dj jsgg vkj fdl kukard  
i gp cuk jsgg fdl ku Hk vc bu [kk ] Jkkykval stM+jsggftu rd budh i gp i gysugha FkA VMKW l e.e.kh; e½

5-^, xh&fctud bu bM; k% l e QDVI , .M , e fta' b' ; ut 'f'k'kd ds vi us'kks'k i = ea, l -, l - vkpk; Zdgrsgafd vuclU/k dfk ds  
dkj .k dEi fu; ka dh <nyk bz ykr eadeh gkrh gSrfk fdl kuka ds tkf [ke ea deh vkrh gA cgrj l j {kk o l gh vuclU/k dsek/; e l s

dfk {ks= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekz ds fy, tul Ei d' ulfr; ka ds cks; ea fdl kuka dh jk;

fdl kukadscktkj l EclU/kh tks [ke dksde fd; k tk l drk gS rFkk mudh vk; eavPNh c<ks-jh dh tk l drh gA ¼ l -, l -] 2007½  
6-MKW es k feUky vi us' ksk' bEi DV vktu QkeZ l blude bu 0; qvkd djv VMI bu , xh&fj Vfyak^earF; i Lrnr djrs gdf dfk {ks= ea dk; jr dEi fu; ka dk Hkj rh; fdl kuka dks, d gh txg ij i wkz dfk l ek/kku nsk mnas; gSft l l s [kska dh l ef) dks c<kus ds l kfk&l kfk fdl kukadh vk; dks c<k; k tk l drk gA fdl ku Lohdkj djrs gdf mUgs l jdkjh ru= l sT; knk eW; dfk [kqjk 0; ki kj l engka }kjk mi yC/k djok; k x; kA mUgs vi us dfk mRi krack dfk 0; ki kj dlnkaeaT; knk ykHk i klr gq gA T; knkrj fdl kuka usLohdkj fd; k fd dfk [kqjk 0; ki kj dlnkaeus mUgs l e; ij Ql y dk Hkqrku fd; k gA MWKJ es k feUky½  
7-fot; iky 'keZ }kjk 'bAM; kt , x&j; u ØkbZ l , .M LelygkWMJ i kM; w l ZikvZ l id u bu U; q l lykbZ psu bful l , fVo%, d l LVMh vktu dKUV DV Qkfeak^ fo'k; ij fd; sx; sosDr d v/; ; u ea; g crk; k gSfd T; knkrj fdl kuka dk ekuuk Fk fd dEi uh }kjk mi yC/k djok, x, xqkorki wkz cht vks cgrj foLrkj l okvka }kjk gh mRi knu c<k; k tk l dk gA bl ds vykok fuf' pr eW; o l fuf' pr cktkj , d , d k dkj .k gSft l dsdkj .k fdl kuka usvucd/k dfk dks vi uk; kA fuxe fdl kukadksi wkZ l fo/kk, ai nku djsft uea fdl cht] [kkn] dhVuk'kd] foLrkj l ok, avkfn 'kfeY gA fot; i ky 'keZ 2007½  
8-dkVkj v , xhdYpj bu bAM; k^ f' k'kd l si Lrnr vi us' ksk eal q ki ky fl g vktu Mka l si "V djrs gdf fu; k' vk/kfjr dfk dsfy, cMsLrj dsfuos k dh vko'; drk gStksfd fl Qz cMsdfk 0; ki kj l xBu gh dj l drsgA l gh l kp] l gh rduhd] l gh i z l u ku o l gh vkfkd l d l k/kuka l sgh ge n' jh g'jr Økfr dh rj Q c< l drsgavks bl dsfy, dfk dksdfk 0; ki kj eacnyuk t: jh gA MWKJ kds k fl g½  
9- l -l h feUky vi us' ksk i = 'buQkjes ku VDUkyk l h bu , xhdYpj , .M bvt vi kWP; fuVh bu bAM; k' eafy [krsgdf Hkj rh; dfk {ks= eal ipuk i ks] kfxdh dsykHkack l gh nkgu ughafd; k tk l dk gA l ipuk i ks] kfxdh usuhfr fuekZkvkadsfy; sfu. kZ yusdsfy; s ubZ l Hkkouk vkadks tle fn; k gSfd u nHkZ; i wkz; g gSfd dfk {ks= eal ipuk i ks] kfxdh dk; ksnku l rks ktud ugha gA bl i = ea dfk {ks= dsfy, l ipuk i ks] kfxdh dsfoHkku mi; kskadscj seacr; k x; k gA bl eamoj dksdfoi .ku eal ipuk i ks] kfxdh ds i z, kskA ij [kkl /; ku fn; k x; k gA bl ds vykok fdl kukadksdfk 0; ki kj dsi fr tix: d djsdsfy; sl ipuk l ipkj rduhd dk i z, kx fd; k tk l drk gS mUgsdfk l EclU/kh l ipuk, ai nku djsdEi fu; ka Nfo fuekz dj l drh gA ¼ l -l h feUky½  
10-MKW l qhy QkskV vi us' ksk 'jksy vktu buQkjes ku VDUkyk l h bu , xhdYpj 'eadgrsgdf T; knk l ipuk dk i dkg dfk ij l dkj kRed i Hkko Mkyr gSfd u l ipuk dh i kfr o l ipuk i d kj .k vkt Hk n'kz o egach gA l ipuk i ks] kfxdh l ipuk dsi dkg dks c<krh go l ipuk dh yxr dksde djrh gA Hkj rh; dfk {ks= , d , d k {ks= gSft l eal ipuk i ks] kfxdh dks i Hkko < a l sykxwdj ds l keftd vkfkd fodkl fd; k tk l drk gA vkt Hk gekjsns k eafdl ku vki kuh l sl ipuk i klr djuseavl eFkZ gft l l sos [kr l EclU/k fu. kZ ysi k; A MWKJ l qhy QkskV] 2006½  
11-MKW kds k fl g }kjk 'QkeZ \$ dkVkj v U; qQkeZ l lykbZ psu bful l , fVol bu bAM; u , xhdYpj ^ eavkbZ/h l h egbnk 'kkykHk vks i fil dks ij fd; sx; sv/; ; u ea; g ckr l keusvkbZ gSfd fdl kukadks l ipuk, fdl ku oxZ eal sgh dkbZ 0; fDr mUgs l ipuk, ami yC/k djok; srksT; knk vl jnkj gskA fdl kuka dks l ipuk fl Qz i n' kfu; kao esy k adsek/; e l sgh ugha cYd u; sl ipkj ek/; eka }kjk Hk nh tkuh pkfg, A bl ds vykok v/; ; u l s l keus vk; k fdi s l h us i atkc ea cXokuh dh tkudkj h i nku djkus ds fy, i atkc dfk fo' ofo | ky; ds l kfk l e> k' k fd; k gA ft l dk eq; ykHk fdl kuka dks subZ rduhdkj xqkorki wkz dfk vkxrka vks foLrkj l okvka ds : lk eafeyk gA MWKJ kds k fl g½  
12-'buQkjes ku VDUkyk l h bEi : foax fjVsy ekdVax bu , xhdYpj 'f' k'kd ds vi us' ksk i = ea MWKJ , -ts erkuh dgrsgdf fdl kuka ea dfk 0; ki kj dh l dkj kRed Nfo kukusdsfy; smul sl ipk: l Ei d' cuk; sj [kuk vko'; d gA MWKJ , -ts erkuh] 2007½  
13-ehrk i atkc vi us' ksk i = ^, ejftax , uokW jUeW/ QkV , xhftud , .M , xh&bUMLVh bu bAM; k% fd b'; q' bu n os QkV oMz ea dgrh gdf dfk 0; ki kj dks l Qy kukusdsfy; sbl eal gdkjh l xBuka vks l jdkj dks Hk 'kfeY fd; k tkuk pkfg, rkd Nks/ fdl ku bl l stM l dA 'ehrk i atkc] 2007½  
14- p- th- yh vks Vh- , p- DykdZ vi us' ksk 'bli DVt vktu n byDVN l ud ekdV i yd vktu Vka DI u dkV , .M ekdV LVDpj ^ ea dgrsgdf fdl kukadksdfk 0; ki kj dh vks vkdf'kr djusdsfy; subZ [kjh i ) fr; kavks T; knk fodYi fn; st kust: jh gA ¼ p- th- yh vks Vh- , p- Dykd] 1996½  
15-okbZ Tokax vks , -, y- fyMjj vi us' ksk i = ^, u buVL: ev QkV fetfjx n fctud cusOVt vktu b&dk l Zfj Vfyak^ eadgrsgdf dfk 0; ki kj eaykHk mBkusdsfy; s; svko'; d gSfd dEi fu; kads }kjk fdl kukadh l el; kvkack rjUr l ek/kku vks ; g b&okf. kT; l s cMh vki kuh l sfd; k tk l drk gA 'okbZ Tokax vks , -, y- fyMjj] 2003½  
16-MKW fclxwok epfydk vi us' ksk 'blod VeW bu , xhftud ^ eadgrsgdf dfk 0; ki kj dsekM ydks l Qy kukusdsfy; fdl kuka dks cgrj vki frZ < ipk vks vU; l fo/kk, an h tkuh t: jh gStksfd cMsLrj dsfuos k l sgh nh tk l drh gA MWKJ fclxwok epfydk½

vkadMkack fo' ysk. k

dfk dsfy; svko'; d l ipukvka dsfy; sfoHkku l ipkj ek/; eka dk i z, kx

l ipukvka dk i dkg geskk fodkl dk i fjk; d jgk gA l ipuk ftruh T; knk i dkg grh gSfodkl dh nj ml h fgl kc l s c<rh pyh tkrh gA rkydk l q; k l l s10 rd ea; gh tkuusdk i z, kl fd; k x; k gSfd fdl ku dfk dsfy; sfdu&fdu l ipuk L=krka dk i z, kx djrs gA

df'k {k= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds cksj ea fdl kuka dh jk;

rkfydk&01

df'k I s I EcflU/kr I puvkva dh i kflr ds fy; s fdl kuka }kj k I ekpkj i = dk iz kx

df'k ds fy; s I ekpkj i = dk iz kx		df'k ds fy; s I ekpkj i = i < us dh vof/k		df'k ds fy; s I ekpkj i = I s i klr I puk dk fo'k;		df'k ea I ekpkj i = dh I gk; rk	
I ekpkj i = dk uke	fdl kuka dh I d; k o i fr'kr	vof/k	fdl kuka dh I d; k o i fr'kr	I puk dk fo'k;	fdl kuka dh I d; k o i fr'kr	df'k ea I gk; d	fdl kuka dh I d; k o i fr'kr
nfsud HkkLdj	114 1/22-8 1/2	4 ?ka/s I s vf/kd	00 1/0 1/2	ekd e	86 1/17-2 1/2	cgr T; knk	37 1/7-4 1/2
nfsud tlxj.k	104 1/20-8 1/2	3 I s 4 ?ka/s	33 1/6-6 1/2	QI y eW;	160 1/32 1/2	T; knk	153 1/30-6 1/2
nfsud fvT; u	50 1/6-25 1/2	2 I s 3 ?ka/s	109 1/21-8 1/2	cht] [kkn vlg dhVuk'kd	142 1/28-4 1/2	I keku;	145 1/29 1/2
i atkc dI jh	87 1/17-4 1/2	1 I s 2 ?ka/s	163 1/8-2-6 1/2	I Hkh	10 1/2 1/2	de	63 1/12-6 1/2
vej mtkyk	24 1/4-8 1/2	1 ?ka/s I s de	93 1/18-6 1/2	dkbz Hkh ugha	102 1/20-4 1/2	cgr de	102 1/20-4 1/2
vU;	19 1/3-8 1/2	dHkh ugha	102 1/20-4 1/2				
dkbz Hkh ugha	102 1/20-4 1/2						

fdl ku df'k I s I EcflU/kr I puk, ai klr djusdsfy; s I cl sT; knk 23 i fr'kr nfsud HkkLdj dk iz kx djrsga bl h dsl kfk nfsud tlxj.k, d I ekpkj i = gsf t I dk 21 i fr'kr fdl ku I pukvka dksi klr djusdsfy; s iz kx djrsga tcf d 20 i fr'kr fdl ku, d shkh gatsfdl h Hkh I ekpkj i = dk iz kx ugha d jrsga fdl kuka }kj k I ekpkj i = i < us dh vof/k dscjkjseavk d Msi s Li "V gsf d 55 i fr'kr fdl ku 1 I s 3 ?ka/s rcd I ekpkj i = i < rsga

I cl sT; knk fdl ku I ekpkj i = I s QI y dseW; dscjkjseal puk, ai klr djusdsfy; s iz kx djrsga 37 i fr'kr fdl ku QI y eW; tkuusdsfy; s I ekpkj i < rsga tcf d 32 i fr'kr fdl ku [kkn] cht o dhVuk'kd kds dscjkjseal puk i klr djusdsfy; s I ekpkj i = dks iz kx djrsga nksi fr'kr fdl ku, d sgats I Hkh i d I ekpkj i = sgh i klr d jrsga

pkar I i fr'kr fdl ku, d sgats; g ekursgaf d I ekpkj i = df'k ea I keku; : i I s I gk; d gark g tcf d 28 i fr'kr fdl kuka d ekuu gsf d I ekpkj i = df'k I s I EcflU/kr I puk, anusT; knk I gk; d gark g N% i fr'kr fdl ku I ekpkj i = dksdf'k I s I EcflU/kr I puk i kflr eacgr T; knk I gk; d ekursga

rkfydk&02

df'k I s I EcflU/kr I puvkva dh i kflr ds fy; s fdl kuka }kj k Vsyhfotu dk iz kx

Vsyhfotu pny dk iz kx		Vsyhfotu n[kus dh vof/k		df'k ds fy; s Vsyhfotu I s i klr I puk dk fo'k;		df'k ea Vsyhfotu dh I gk; rk	
pny dk uke	fdl kuka dh I d; k o i fr'kr	vof/k	fdl kuka dh I d; k o i fr'kr	I puk dk fo'k;	fdl kuka dh I d; k o i fr'kr	df'k ea I gk; d	fdl kuka dh I d; k o i fr'kr
njn'ku	400 1/80 1/2	4 ?ka/s I s vf/kd	5 1/1 1/2	ekd e	83 1/16-6 1/2	cgr T; knk	65 1/13 1/2
Vk/y Vhoh	25 1/5 1/2	3 I s 4 ?ka/s	120 1/24 1/2	QI y eW;	203 1/40-6 1/2	T; knk	229 1/45-8 1/2
gfj; k. kk U; q	23 1/4-6 1/2	2 I s 3 ?ka/s	220 1/44 1/2	cht] [kkn vlg dhVuk'kd	132 1/26-4 1/2	I keku;	133 1/26-6 1/2
vU;	4 1/0-8 1/2	1 I s 2 ?ka/s	97 1/19-4 1/2	I Hkh	34 1/6-8 1/2	de	25 1/5 1/2
dkbz Hkh ugha	48 1/9-6 1/2	1 ?ka/s I s de	10 1/2 1/2	dkbz Hkh ugha	48 1/9-6 1/2	cgr de	48 1/9-6 1/2
		dHkh ugha	48 1/9-6 1/2				

df'k {k= ea mrjus okyh ulft dEi fu; la dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds cjs; ea fdl kula dh jk;

rkfydk dsvkadmkaLi "V gSfd 80 i fr'kr fdl ku Vsyhfotu l sdf'k l Ecl/kh l p'uk i klr djusdsfy; snjn'ku dk iz l x djrsga df'k dsfy; sl p'uk i klr dsfy; snl jspdykaeaf QZVky Vhoh vj; gfj; k. kk U; ut, , d sgftudksfdl ku df'k l sl EclU/kr l p'ukvadh i klr dsfy; si z l x djrsga yxHkx 10 i fr'kr fdl ku , d sgftksdf'k l p'ukvadh i klr dsfy; sfdl h Hkh Vsyhfotu p'uy dk iz l x ughadjrsga

pk'kfy l i fr'kr fdl ku , d sgftksjst kuk 2 l s3 ?ka/sVsyhfotu l sl p'ukvadh i klr djrsga ogha24 i fr'kr fdl ku 3 l s4 ?ka/sjst kuk Vsyhfotu l sl p'ukvadh i klr djrsga yxHkx 19 i fr'kr fdl ku 1 l s2 ?ka/sdk l e; Vsyhfotu dsl keus0; rhr djrsga ogha2 i fr'kr fdl ku 1 ?ka/s l sde Vsyhfotu dk iz l x djrsga

yxHkx 41 i fr'kr fdl ku Vsyhfotu l sQl y dseW; dh tkudkj yusdsfy; sdk; De n'krsga ogha26 i fr'kr fdl kula dksVsyhfotu l sQl y dsfy; sht] [kkn o dhVuk'kd dh l p'ukvadh i klr gsrh ga l =g i fr'kr fdl ku Vsyhfotu l sekl e dh tkudkj i klr djrsga ogha7 i fr'kr fdl ku , d shkh gftksdf'k dh l Hkh l p'uk, aVsyhfotu l si klr djrsga

Vsyhfotu df'k eaT; : lk l sl gk; d gsrk gS, d k ekuusokysfdl kukadk i fr'kr 27 gS ogha46 i fr'kr fdl ku ekursga fd Vsyhfotu df'k eaT; knk l gk; d fl ) gsrk ga l kfk gh 13 i fr'kr fdl ku , d shkh gftksVsyhfotu dksdf'k eacgr T; knk l gk; d ekuusga l kp i fr'kr fdl kukadk ekuuk gSfd Vsyhfotu df'k eade l gk; d gsrk ga

Rkkfydk&03

df'k l s l EclU/kr l p'ukvadh i klr dsfy; sfdl kula }kj k jfM; ks dk iz l x

df'k dsfy; s jfM; ks dk iz l x		df'k dsfy; s jfM; ks l uus dh vof/k		df'k dsfy; s jfM; ks l s i klr l p'uk dk fo'k;		df'k ea jfM; ks dh l gk; rk	
LVS ku dk uke	fdl kula dh l ; k o i fr'kr	vof/k	fdl kula dh l ; k o i fr'kr	l p'uk dk fo'k;	fdl kula dh l ; k o i fr'kr	df'k ea l gk; d	fdl kula dh l ; k o i fr'kr
HkV. Mk	162 1/32-4 1/2	4 ?ka/s l s vfk/d	24 1/4-8 1/2	ekl e	69 1/13-8 1/2	cgf T; knk	61 1/12-2 1/2
fgl kj	57 1/11-4 1/2	3 l s4 ?ka/s	138 1/27-6 1/2	Ql y eW;	189 1/37-8 1/2	T; knk	205 1/41 1/2
fl j l k	55 1/11 1/2	2 l s3 ?ka/s	176 1/35-2 1/2	cht] [kkn vj; dhVuk'kd	138 1/27-6 1/2	l kekl;	161 1/32-2 1/2
l jrx<+	146 1/29-2 1/2	1 l s2 ?ka/s	62 1/12-4 1/2	l Hkh	54 1/10-8 1/2	de	14 1/2-8 1/2
vll;	27 1/5-4 1/2	1 ?ka/s l s de	47 1/9-4 1/2	dkbz Hkh ugha	50 1/10 1/2	cgf de	49 1/9-2 1/2
dkbz Hkh ugha	53 1/10-6 1/2	dhkh ugha	53 1/10-6 1/2				

mi jkDr rkfydk dsvkadmkaLi "V gSfd 32 i fr'kr fdl ku , d sgftksdf'k l sl EclU/kr l p'ukvadh i klr djusdsfy; s HkV. Mk , Q0, e0 dk iz l x djrsga tcf 29 i fr'kr fdl ku bl mnas; l sl jrx<+dlnz dsdk; De l ursga ogha11 i fr'kr fdl ku , d sgftksdf'k l stMh l p'ukvadsfy; sfl j l k flEkr p'kjh nshyky fo'fo | ky; }kj k l p'kfy l kep'k; d jfM; kadk iz l x djrsga i fr'kr fdl kulaea10 i fr'kr , d sfdl ku Hkh gftksj fM; ksdks l p'uk L=kr dsrks ij iz l x ughadjrsga

fdl kulaea35 i fr'kr fdl ku jst kuk 2 l s3 ?ka/s jfM; ksdks l ursga ogha28 i fr'kr fdl ku jst kuk 3 l s4 ?ka/s jfM; ks ij dk; De l ursga fdl kulaea5 i fr'kr fdl ku , d shkh gftksjst kuk 4 ?ka/ka l sT; knk jfM; ks l ursga ckj i fr'kr fdl ku jst kuk 1 l s2 ?ka/so uks i fr'kr fdl ku jst kuk 1 ?ka/s l sde l e; jfM; ksdksdk; De l ursga0; rhr djrsga

38 i fr'kr fdl ku jfM; ksdksQl y dseW; dh tkudkj yusdsfy; si z l x djrsga ogha28 i fr'kr fdl ku Ql y dsfy; s vko'; d cht] [kkn o dhVuk'kd dh l p'ukvadh i klr dsfy; sbLreky djrsga 14 i fr'kr fdl ku , d sgftkskl e l sl EclU/kr l p'ukvadh i klr djusdsfy; s jfM; ksdk iz l x djrsga ogha11 i fr'kr fdl ku , d sgftksj fM; ksdksdf'k l stMh l Hkh l p'ukvadh i klr dsfy; si z l x eaykrsga

41 i fr'kr fdl ku , d sgftudk ekuuk gSfd jfM; ksdksdf'k eaT; knk l gk; d dsrks ij dk; Zdjrk gS ogha12 i fr'kr fdl ku jfM; ksdksdf'k eacgr T; knk l gk; d ekursga 32 i fr'kr fdl kukadk ekuuk gSfd jfM; ksdksdf'k ea l kekl; : lk l sl gk; d gsrk ga fl QZ3 i fr'kr fdl ku , d sgftksj fM; ksdksdf'k eade l gk; d ekursga



df'k {k= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds ckjs ea fdl kula dh jk;

rkfydk&04  
df'k I s I EcfU/kr I puvka dh i kflr ds fy; s fdl kula }kjk bW/juV dk iz, kx

df'k ds fy; s bW/juV dk iz, kx		df'k ds fy; s bW/juV dh vof/k		df'k ds fy; s bW/juV I s iklr I puk dk fo'k;		df'k ea bW/juV dh I gk; rk	
o: I kbV/ dk uke	fdl kula dh I ; k o i fr'kr	vof/k	fdl kula dh I ; k o i fr'kr	I puk dk fo'k;	fdl kula dh I ; k o i fr'kr	df'k ea I gk; d	fdl kula dh I ; k o i fr'kr
Xp y	2 1/0-4 1/2	4 ?ka/s I s vf/kd	0 1/0 1/2	ekI e	0 1/0 1/2	cgT T; knk	0 1/0 1/2
dEi uh dh o: I kbV	1 1/0-2 1/2	3 I s 4 ?ka/s	0 1/0 1/2	QI y eW;	2 1/0-4 1/2	T; knk	0 1/0 1/2
I j d kj h o: I kbV	2 1/0-4 1/2	2 I s 3 ?ka/s	1 1/0-4 1/2	cht] [kkn vKj dhVuk'kd	3 1/0-6 1/2	I kekl;	1 1/0-2 1/2
dkbz Hkh ugha	495 1/99 1/2	1 I s 2 ?ka/s	1 1/0-2 1/2	I Hkh	0 1/0 1/2	de	0 1/0 1/2
		1 ?ka/s I s de	3 1/0-6 1/2	dkbz Hkh ugha	495 1/99 1/2	cgT de	499 1/99-8 1/2
		dHkh ugha	495 1/99 1/2				

vkadMka sLi "V gSfd T; knkrj fdl ku bW/juV dsek/; e I sfdl h i d kj dh I puk i klr ugha d j r s g 99 i fr'kr fdl ku , d s gS t k s f d b W / j u V / d k i z , k x u g h a d j r s g 1 i fr'kr fdl ku x p y d s e k / ; e I s I p u k i k l r d j r s g , d i fr'kr dk ekuuk gSfd bW/juV df'k eade I gk; d gkrk gS t c f d 99 i fr'kr fdl kula dk ekuuk gSfd bW/juV df'k eaf c Y d j y Hkh I gk; d u g h a g k r k g

rkfydk&05  
df'k I s I EcfU/kr I puvka dh i kflr ds fy; s fdl kula }kjk ekckby i = dk iz, kx

df'k ds fy; s ekckby dk iz, kx		df'k ds fy; s ekckby iz, kx dh vof/k		df'k ds fy; s ekckby I s iklr I puk dk fo'k;		df'k ea ekckby dh I gk; rk	
ekckby dEi uh dk uke	fdl kula dh I ; k o i fr'kr	vof/k	fdl kula dh I ; k o i fr'kr	I puk dk fo'k;	fdl kula dh I ; k o i fr'kr	df'k ea I gk; d	fdl kula dh I ; k o i fr'kr
, ; j V y	150 1/30 1/2	4 ?ka/s I s vf/kd	0 1/0 1/2	ekI e	104 1/20-8 1/2	cgT T; knk	25 1/5 1/2
ch, l -, u-, y	159 1/31-8 1/2	3 I s 4 ?ka/s	22 1/4-4 1/2	QI y eW;	261 1/52-2 1/2	T; knk	131 1/26-2 1/2
vkbfM; k	106 1/21-2 1/2	2 I s 3 ?ka/s	194 1/38-8 1/2	cht] [kkn vKj dhVuk'kd	133 1/26-6 1/2	I kekl;	210 1/42 1/2
okMkOku	41 1/8-2 1/2	1 I s 2 ?ka/s	212 1/42-4 1/2	I Hkh	2 1/0-4 1/2	de	134 1/26-8 1/2
VkVk	28 1/5-6 1/2	1 ?ka/s I s de	72 1/14-4 1/2	dkbz Hkh ugha	0 1/0 1/2	cgT de	0 1/0 1/2
vU;	13 1/2-6 1/2	dHkh ugha	0 1/0 1/2				
dkbz Hkh ugha	3 1/0-6 1/2						

mi j k d r vkadMka ds vuq kj 32 i fr'kr fdl ku I j d k j h m i Ø e c h , l , u , y d k e k c k b y i z , k x d j r s g i o g h a 30 i fr'kr fdl ku , ; j V y d h e k c k b y I o k i z , k x e a y k r s g y x H k x 21 i fr'kr fdl kula ds i k l v k b f M ; k d h f l e g a r k s 8 i fr'kr fdl ku o k M k O k u v K j 6 i fr'kr fdl ku V k V k d s f l e d k i z , k x d j r s g

fdl ku QI y eW; dh I p u k v k a d s f y ; s e k c k b y d k s l c l s T ; k n k i z , k x d j r s g 52 i fr'kr , d s f d l k u g S t k s Q I y e W ; d h t k u d j h e k c k b y d s e k / ; e I s i k l r d j r s g i o g h a 25 i fr'kr fdl ku , d s g a f t u d i s c h t ] [ k k n o d h V u k ' k d d h I p u k i k f l r e k c k b y d s

df'k {k= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds cjs; ea fdl kula dh jk;

ek/; e l sgrh gA 21 i fr'kr fdl ku df'k dsfy; svko' d l Hkh l p'ukvka dks i klr djusdsfy; sekckbzy dk iz lx djrsgA  
 yxHlx 42 i fr'kr fdl ku df'k l s l EcfU/kr l p'ukvka dh i klr dsfy; sjst kuk 1 l s2 ?k/sekckbzy Qku dk iz lx djrsgA  
 ogha39 i fr'kr fdl ku jst kuk 2 l s3 ?k/sekckbzy dksdf'k dsfy; si z lx djrsgA 4 i fr'kr fdl ku , d sHh gAtksekckbzy dksjst kuk  
 3 l s4 ?k/sHh iz lx djrsgA fl QZ14 i fr'kr fdl ku , d sgftlk dh ekckbzy iz lx djusdh vof/k jst kuk 1 ?k/sl sde gA  
 tga42 i fr'kr bl df'k l p'uk dsL=kr ds: lk eal keku; i krsgh ogha26 i fr'kr bl sT; knk l gk; d vlg 5 i fr'kr cgr  
 T; knk l gk; d ekursgA yxHlx 27 i fr'kr fdl ku , d sHh gAtksbl l pkj ek/; e dksdf'k l p'ukvka dh i klr eade l gk; d ekursgA

rkfydk&06

df'k l s l EcfU/kr l p'ukvka dh i klr dsfy; s fdl kula jkjk i pk; r dk iz lx

df'k dsfy; si pk; r dk iz lx		df'k dsfy; si pk; r es cBus dh vof/k		df'k dsfy; si pk; r l s i klr l p'uk dk fo'k;		df'k ea i pk; r dh l gk; rk	
l nL; ka dh l ; k	fdl kula dh l ; k o i fr'kr	vof/k	fdl kula dh l ; k o i fr'kr	l p'uk dk fo'k;	fdl kula dh l ; k o i fr'kr	df'k ea l gk; d	fdl kula dh l ; k o i fr'kr
15 l s vf/kd	65 1/3 1/2	4 ?k/s l s vf/kd	16 1/3-2 1/2	ek e	6 1/4-2 1/2	cgr T; knk	149 1/29-8 1/2
10 l s 15	191 1/8-2 1/2	3 l s 4 ?k/s	132 1/26-4 1/2	Ql y eW; cht] [kn vlg dhVuk'kd	68 1/13-6 1/2	T; knk	280 1/56 1/2
5 l s 10	174 1/84-8 1/2	2 l s 3 ?k/s	228 1/45-6 1/2		190 1/38 1/2	l keku;	67 1/13-4 1/2
5 l s de	67 1/13-4 1/2	1 l s 2 ?k/s	112 1/22-4 1/2	l Hkh	236 1/47-2 1/2	de	4 1/10-8 1/2
dkbz Hkh ugha	3 1/10-6 1/2	1 ?k/s l s de	12 1/2-4 1/2	dkbz Hkh ugha	0 1/10 1/2	cgr de	0 1/10 1/2
		dhkh ugha	0 1/10 1/2				

mijkr rkfydk dsvkadMka l sLi "V gsf d 99 i fr'kr fdl ku jst kuk i pk; r eal p'ukvka dk vknku inku djrsgA i pk; r ea  
 cBusokys l nL; ka dh l ; k dsfygk l snfkk tk; srks38 i fr'kr fdl ku gA tks10 l s15 yxkads l kFk cBdj viuh l p'ukvka dk  
 vknku inku djrsgA ogha35 i fr'kr fdl ku , d sgftks5 l s10 fdl kula ds l kFk cBdj ckrphr djrsgA 13 i fr'kr fdl ku 15 l s  
 vf/kd yxkads l eW eal pkj djrsgA tcf d 13 i fr'kr fdl ku 5 l s de l nL; kads l eW eacBdj l p'ukvka dk vknku inku djrsgA

i frHkxh fdl kula ea46 i fr'kr fdl ku , d sgftksjst kuk 2 l s3 ?k/sdk l e; i pk; r eafcrkrsgA ogha26 i fr'kr fdl kula  
 dk dguk gsf d osjst kuk 3 l s4 ?k/si pk; r eal pkj djuseafcrkrsgA ogha3 i fr'kr fdl ku , d sHh gA tksjst kuk 4 ?k/s l sT; knk  
 i pk; r eacBrsgA yxHlx 22 i fr'kr fdl ku 1 l s2 ?k/sdsfy; si pk; r eacBrsgA

yxHlx 47 i fr'kr fdl ku , d sgftksdf'k l s l EcfU/kr l Hkh l p'ukvka dh i klr dsfy; si pk; r eal pkj djrsgA yxHlx 38  
 i fr'kr fdl ku Ql y dsfy; svko'; d cht] [kn o dhVuk'kdka l s tHh l p'ukvka dh i klr dsfy; si pk; r dk l gkjk yrsgh tcf d  
 14 i fr'kr fdl ku Ql y eW; dscjseal p'uk, ai pk; r l s i klr djrsgA ogha1 i fr'kr fdl ku ek e dh l p'uk i klr djusdsfy; s  
 i pk; r dk iz lx djrsgA

tga56 i fr'kr fdl kula dk ekuuk gsf d i pk; r df'k l p'ukvka dks i klr djuseaT; knk l gk; d fl ) gsrh gA ogha30 i fr'kr  
 fdl kula dk ekuuk gsf d i pk; r df'k l p'ukvka dh i klr eacgr T; knk l gk; d l kfc gsrh gA bl dsvykok 13 i fr'kr i pk; r dks  
 df'k l EcfU/kr l p'ukvka dh i klr eal keku; : lk l sl gk; d ekursgA , d i fr'kr bl sde l gk; d ekursgA

df'k {ks= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds ckjs ea fdl kuka dh jk;

rkfydk&07  
df'k I s I EcfU/kr I p'ukvka dh i kflr ds fy; s fdl kuka }kj k df'k in'kZuh dk iz; kx

df'k ds fy; s I jdkjh in'kZuh dk iz; kx		df'k ds fy; s in'kZuh n[ kus dh I [; k		df'k ds fy; s in'kZuh I s i klr I p'uk dk fo'k;		df'k ea in'kZuh dh I gk; rk	
in'kZuh n[ kus dk LFku	fdl kuka dh I [; k o i fr'kr	vof/k	fdl kuka dh I [; k o i fr'kr	I p'uk dk fo'k;	fdl kuka dh I [; k o i fr'kr	df'k ea I gk; d	fdl kuka dh I [; k o i fr'kr
vi usxk ea	220 ¼44½	5 I s vf/kd	46 ¼9-2½	ek e	00 ¼0½	cgr T; knk	1 ¼0-2½
vU; xk ea	119 ¼23-8½	5	39 ¼7-8½	QI y eW;	00 ¼0½	T; knk	65 ¼13½
ftYkk e[; ky; ea	6 ¼1-2½	4	21 ¼4-2½	cht] [kn vkj dhVuk'kd	181 ¼36-2½	I keU;	213 ¼42-6½
dhkh ugha	155 ¼31½	3	66 ¼13-2½	df'k ; æ	99 ¼19-8½	de	61 ¼12-2½
		2	129 ¼25-8½	ubz df'k i) fr; ka	64 ¼12-8½	cgr de	160 ¼32½
		1	44 ¼8-8½	I Hkh	00 ¼0½		
		fcYdy ugha	155 ¼31½	dkbz Hkh ugha	156 ¼31-2½		

rkfydk ds vkadMha lI "V gsd 44 i fr'kr fdl kuka s df'k I s i klr in'kZuh; ka dks vi usxk eagh n[ kk gStcfd 24 i fr'kr fdl kuka s vU; xk ea tk dj I jdkjh df'k in'kZuh dks n[ kk gA bl ds vykok 31 i fr'kr fdl ku , s gSt tUgks dHkh Hkh df'k in'kZuh ugha n[ kh gA

26 i fr'kr fdl ku vi usxk 2 ckj I jdkjh in'kZuh n[ k p[psg ogha 13 i fr'kr fdl kuka s 3 ckj I jdkjh df'k in'kZuh dks n[ kk gA bl dsl kfk gh 9 i fr'kr fdl ku 5 I svf/kd ckj df'k in'kZuh n[ k p[psg yxkx 8 i fr'kr fdl kuka s 5 ckj df'k in'kZuh dks n[ kk gStcfd 9 i fr'kr fdl ku 1 ckj df'k in'kZuh eatk p[psgA

36 i fr'kr fdl kuka s [kn] cht o dhVuk'kd dh I p'uk i kflr df'k in'kZuh I s dh ogha 20 i fr'kr fdl kuka s df'k ; æ-ka ds ckj sea I p'uk i kflr ds fy; s df'k in'kZuh dk iz; kx fd; ka ogha 13 i fr'kr fdl kuka s I jdkjh in'kZuh I s df'k dh i) fr; ka ds ckj sea I p'uk, ai klr dhA

yxkx 43 i fr'kr fdl kuka dks ekuuk gsd I jdkjh in'kZuh df'k I s I EcfU/kr I p'uk, ai klr dj sea I keU; I gk; d gksh gA ogha 13 i fr'kr fdl kuka dks I jdkjh in'kZuh T; knk I gk; d yxk gA tglk 2 i fr'kr fdl ku I jdkjh in'kZuh dks de I gk; d ekurs gA ogha 32 i fr'kr fdl ku I jdkjh in'kZuh dks df'k I p'ukvka dh i kflr eacgr de I gk; d ekurs gA

rkfydk&08  
df'k I s I EcfU/kr I p'ukvka dh i kflr ds fy; s fdl kuka }kj k df'k dk; ky; dk iz; kx

df'k ds fy; s df'k vf/kdkjh I s I Ei dZ		df'k ds fy; s df'k vf/kdkjh I s I Ei dZ dh I [; k		df'k ds fy; s df'k vf/kdkjh I s i klr I p'uk dk fo'k;		df'k ea df'k vf/kdkjh dh I gk; rk	
	fdl kuka dh I [; k o i fr'kr	vof/k	fdl kuka dh I [; k o i fr'kr	I p'uk dk fo'k;	fdl kuka dh I [; k o i fr'kr	df'k ea I gk; d	fdl kuka dh I [; k o i fr'kr
[k. M df'k vf/kdkjh	79 ¼15-8½	Ekkf I d	10 ¼2½	df'k ; æ	46 ¼9-2½	cgr T; knk	89 ¼17-8½
df'k fodkl vf/kdkjh	123 ¼24-6½	kkf {kd	39 ¼7-8½	vupku	162 ¼23-4½	T; knk	205 ¼41½
{ks= fujh {kd	160 ¼8-2½	I klr kfgd	200 ¼40½	[kn]cht o dhVuk'kd	181 ¼36-2½	I keU;	129 ¼25-8½
vU;	95 ¼19½	j kst kuk	208 ¼41-6½	I jdkjh ; kst uk, a	68 ¼13-6½	de	34 ¼6-8½
fdl h I s ugha	43 ¼8-6½	dhkh ugha	43 ¼8-6½	dkbz ugha	43 ¼8-6½	cgr de	43 ¼8-6½

df'k {ks= ea mrjus okyh ulft dEi fu; la dh Nfo fuekzk ds fy, tul Ei dI ulfr; la ds ckjs ea fdl kula dh jk;

rkfydk l sLi "V gSfd fdl ku l ipuk i kflr dsfy; sdf'k dk; kÿ; dk iz kx djrsgA l cl sT; knk 32 i fr'kr fdl ku df'k dk; kÿ; ea {ks= fujh{kd l sdf'k l Ecl/kh l ipukvka dsfy; s l Ei dZ djrsgA t gka 16 i fr'kr fdl ku df'k dk; kÿ; ea [k.M df'k vf/kdkjh l s l Ei dZ djrsgA ogha 25 i fr'kr fdl ku df'k fodkl vf/kdkjh l s l ipukvka dh i kflr djrsgA yxHkx 19 i fr'kr fdl ku df'k dk; kÿ; eadf'k l stMh tkudkj yusdsfy; svll; deþkj; ka l s l Ei dZ djrsgA t cfd 09 i fr'kr fdl ku l ipukvka dh i kflr ds fy; sdf'k dk; kÿ; dk : [k ugha djrsgA  
 xteh.k {ks= ea 42 i fr'kr fdl ku , d sgA tks jst kuk df'k dk; kÿ; l s l ipukvka dh i kflr djrsgA ogha 40 i fr'kr fdl ku l krlg ea, d ckj df'k dk; kÿ; l s l ipuk i kflr djrsgA yxHkx 8 i fr'kr fdl ku ekg eankscj df'k dk; kÿ; tkrsgA ogha 2 i fr'kr fdl ku df'k dk; kÿ; ekg ea l ckj l Ei dZ djrsgA  
 yxHkx 36 i fr'kr fdl ku df'k vf/kdkj; ka l scht] [kn o dhVuk'kd ka l stMh tkudkj; kayrsgA ogha 23 i fr'kr fdl ku l jdkj }kj nh tkusokyh vupku jk'kh dsckjseal ipukvka yusdsfy; sdf'k dk; kÿ; tkrsgA yxHkx 14 i fr'kr fdl kuka dk df'k dk; kÿ; tkusdk mnas; l jdkjh; kst ukvka dsckjseat kuuk jgrk gA ogha 09 i fr'kr fdl ku df'k ; a-ka l stMh l ipukvka dh i kflr ds fy; sdf'k dk; kÿ; dk : [k djrsgA  
 41 i fr'kr fdl ku df'k dk; kÿ; dksdf'k l ipuk dh i kflr eaT; knk l gk; d ekursgA ogha 26 i fr'kr fdl ku bl s l kekl; l gk; d ekursgA yxHkx 18 i fr'kr fdl kuka dsfy; sdf'k dk; kÿ; df'k l ipukvka dh i kflr eacgr T; knk l gk; d fl ) gkrk gS t cfd 7 i fr'kr fdl kuka dsfy; sdf'k dk; kÿ; de l gk; d fl ) gkrk gA

rkfydk&09  
 df'k l s l EclU/kr l ipukvka dh i kflr dsfy; s fdl kuka }kj k Vksy Yh uEj dk iz kx

df'k dsfy; s Vksy Yh uEj dk iz kx		df'k dsfy; s Vksy Yh uEj ij l Ei dZ dh l ; k		df'k dsfy; s Vksy Yh uEj l s i kflr l ipuk dk fo'k;		df'k ea Vksy Yh uEj dh l gk; rk	
	fdl kula dh l ; k o i fr'kr	vof/k	fdl kula dh l ; k o i fr'kr	l ipuk dk fo'k;	fdl kula dh l ; k o i fr'kr	df'k ea l gk; rk	fdl kula dh l ; k o i fr'kr
1800&180&1551	18 1/3-6 1/2	Eklf d	14 1/2-8 1/2	ek e	0 1/0 1/2	cgr T; knk	3 1/0-6 1/2
vl;	0 1/0 1/2	ikf{kd	4 1/0-8 1/2	Ql y eW;	0 1/0 1/2	T; knk	7 1/1-4 1/2
dkbz Hkh ugha	482 1/96-4 1/2	l krlkfgd	0 1/0 1/2	cht] [kn vlg dhVuk'kd	8 1/1-6 1/2	l kekl;	2 1/0-4 1/2
		nud	0 1/0 1/2	l Hkh	9 1/1-8 1/2	de	2 1/0-4 1/2
		dkbz Hkh ugha	482 1/96-4 1/2	dkbz Hkh ugha	483 1/96-6 1/2	cgr de	486 1/97-2 1/2

yxHkx 96 i fr'kr fdl ku , d sgA tUgks dHkh Hkh Vksy Yh uEj dk iz kx djds l ipuk i kflr ugha dh gA fl QZ4 i fr'kr fdl ku , d sgA tks Vksy Yh uEj l s l ipuk i kflr djrsgA Vksy Yh uEj dks iz kx djusokysfdl kuka ea l s3 i fr'kr fdl ku efgusea, d ckj Vksy Yh uEj l s l ipuk i kflr djrsgA ogha 01 fdl ku ekg ea 2 ckj Vksy Yh uEj l s l ipukvka dh i kflr djrk gA dty fdl kuka ea l s 2 i fr'kr fdl ku cht] [kn vlg dhVuk'kd l s l ipukvka dsfy; s Vksy Yh uEj uEj dk iz kx djrsgA ogha 1 i fr'kr fdl ku l Hkh l ipukvka dsfy; s Vksy Yh uEj dks iz kx eaykrsgA yxHkx 1 i fr'kr fdl kuka dk ekuuk gSfd ; g df'k l ipukvka ea cgr T; knk l gk; d l kfc gkrk gA

df'k {k= e= mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds cksj ea fdl kuka dh jk;

rkfydk&10  
df'k l s l Ecfl/kr l pukvka dh i kfr ds fy; s fdl kuka }kj ektu dh iz kx

df'k dsfy; sektu dh iz kx	df'k dsfy; sektu i <us dh vof/k	df'k dsfy; sektu l sikr l puk dk fo'k;	df'k eaektu dh l gk; rk
fdl kuka dh l d; k o i fr'kr	vof/k	fdl kuka dh l d; k o i fr'kr	df'k ea l gk; d
gkj; k. kk [kr-h	ijh ektu	l puk dk fo'k;	fdl kuka dh l d; k o i fr'kr
445 1/89%	l Ecfl/kr ysk	ek e	00 1/10%
445 1/89%	dHkh ugha	Ql y eW;	00 1/10%
		cht] [kkn vkj dhVuk'kd	l gekl;
		l Hkh	de
		dkbz Hkh ugha	cgf de
			0 1/10%
			446 1/89-2%

mijkDr rkfydk ds vka dMka l sLi "V gSfd fl QZ11 i fr'kr fdl ku , d sgstksbl if=dk dksdf'k l puk L=kr dsrkj ij iz kx djrsg 89 i fr'kr fdl ku , d sgstksdf'k l Ecfl/kr l pukvka dh iz kx djustsfy; sfdl h Hkh if=dk iz kx ughadjrsg if=dk dksiz kx djustokysfdl kuka eal s9 i fr'kr fdl ku , d sgstks i dlf'kr if=dk dks i jk i <rs g t cfd 2 i fr'kr fdl ku , d sgstks Ql y l s l Ecfl/kr ysk dksgh i <rs g nks i fr'kr fdl ku if=dk dkscht] [kkn o dhVuk'kd l s l Ecfl/kr l pukvka dks i kfr djustsfy; s iz kx djrsg t cfd 9 fdl ku , d sgstks Hkh i d k j dh l pukvka dh i kfr ds fy; s df'k if=dk dk iz kx djrsg fdl kuka eal s 6 i fr'kr fdl ku bl s df'k eacgf T; knk l gk; d ekursg t cfd 4 fdl ku , d sgstks if=dk dksdf'k ea T; knk l gk; d ekursg 1 i fr'kr fdl ku , d sgstks if=dk dksdf'k eal gekl; l gk; d ekursg

df'k fuxehdj .k vkj ml eal gk; d Hkksrd l k/kuka dsckj seafdl kuka dh jk;

'kksk dk; Zeafdl kuka l s df'k fuxehdj .k ds i fr fdl kuka ds utjh; s dks t kuusdk iz kl fd; k x; k g l kfk gh fuxehdj .k ea l gk; d gkl dusokysfo Hkku Hkksrd l k/kuka dsckj seafdl kuka dh jk; i rk dh xbzg

rkfydk&11  
vf/kd epkQk fdl kuka dks ubz df'k i ) fr; ka dks vi ukus ds fy; s vdf'kr djrk g

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/49-4 1/2	1/40 1/2	1/8 1/2	1/2-2 1/2	1/10-4 1/2

epkQk , d , d k igyqgSftl otg l sfdl ku fdl h Hkh Ql y dksckus; k cpusdsfy, rs kj gkrk g mijkDr rkfydk ds vka dMka ds vud kj yxHkx 90 i fr'kr fdl ku bl ckj seafdl ge fr trkrsg fdl vf/kd epkQk fdl kuka ds ubz df'k i ) fr; ka dks vi ukus ds fy; s vdf'kr djrk g yxHkx 49 i fr'kr fdl ku bl l si wkz l ger trkrsg t cfd 40 i fr'kr fdl ku fdl ku bl l s l ger j [krsg fl QZ2 i fr'kr fdl kuka dh bl ckj seafdl ge fr g t cfd 8 i fr'kr fdl ku bl ij vi uh jk; rVLFk j [krsg

rkfydk&12  
futh dEi fu; ka ds i fr vfo'okl dh vo/kkj .kk fdl kuka dks dEi uh ij fo'okl djust ea ck/kd gkrh g

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/19-2 1/2	1/43-2 1/2	1/23-2 1/2	1/12 1/2	1/2-4 1/2

mijkDr rkfydk ds vka dMka l sLi "V djrsg fdl kuka eafuth dEi fu; ka ds i fr vfo'okl dh /kkj .kk gkusfd otg l sfdl ku dEi uh ij fo'okl ughadjrsg yxHkx 43 i fr'kr fdl ku bl ckj seafdl ge fr trkrsg t cfd yxHkx 19 i fr'kr fdl ku bl l si wkz-% l ger j [krsg yxHkx 23 i fr'kr fdl kuka dh jk; bl ckj seafdl ge fr g t cfd 12 i fr'kr fdl kuka dh jk; bl eavl ge fr dh g

df'k {k= ea mrjus okyh uhft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI uhfr; ka ds ckjs ea fdl kuka dh jk;

rkfydk&13

ubz df'k i ) fr; ka ds ckjs ea i f'k{k.k ndj futh dEi fu; ka fdl kuka dks muds l kfk 0; ki kj djus ds fy; s vkdf'kr dj l drh gA

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/52-2 1/2	1/41-4 1/2	1/4-8 1/2	1/41-2 1/2	1/40-4 1/2

ubz df'k i ) fr; ka dks vi ukus ds fy, i f'k{k.k dh t: jr gkrh gA; gh i f'k{k.k futh dEi fu; ka }kjk fn; k tk, rksfdl kuka dks 0; ki kj ds fy, vkdf'kr fd; k tk l drk gA bl ckjseayxHkx 52 i fr'kr fdl kuka dh i wkz-% l gefr gA tcf d yxHkx 41 i fr'kr fdl ku bl l sl gefr trkrsgA yxHkx 5 i fr'kr fdl kuka dh jk; rVLFk gA oghaf l QZ1 i fr'kr fdl ku bl l svl gefr trkrsgA

rkfydk&14

futh dEi fu; ka }kjk nh tkus okyh ijke'kz l ok l jdkjh ijke'kz l ok l s cgrj gkrh gA

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/34 1/2	1/44 1/2	1/10-6 1/2	1/3-2 1/2	1/3-2 1/2

df'k ds fy, l jdkj }kjk fn, tkus okyi jke'kz vkj futh dEi fu; ka ds }kjk fn, tkus i jke'kz dh ryuk dh tk, rksfdl kuka dk utfj; k futh dEi fu; ka ds i fr l dkj kRed gA tgka 44 i fr'kr fdl ku futh dEi fu; ka dh ijke'kz l ok dh cgrjh ij l gefr trkrsgA ogha 34 i fr'kr fdl ku bl l si wkz-% l gefr trkrsgA yxHkx 11 i fr'kr fdl kuka dh jk; bl ckjsearVLFk gA oghayxHkx 8 i fr'kr fdl ku bl l svl gefr j [krsgA rhu i fr'kr fdl kuka dh jk; bl eai wkz-% vl gefr okyh gA

rkfydk&15

futh dEi fu; ka }kjk Ql y ds fy; s nh tkus okyh foUkh; l gk; rk l jdkjh foUkh; l gk; rk l s cgrj gkrh gA

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/3-6 1/2	1/15-8 1/2	1/25-8 1/2	1/40-8 1/2	1/9 1/2

l jdkj vkj futh dEi fu; ka eal foUkh; l gk; rk dh cgrj 0; oLFk ds ckjseafdl kuka dh jk; ds vu d kj l jdkjh foUkh; l gk; rk T; knk cgrj gkrh gA yxHkx 41 i fr'kr fdl ku bl ckjsear vl gefr trkrsgA f d futh dEi fu; ka dh foUkh; l gk; rk l jdkj }kjk nh tkus okyh foUkh; l gk; rk l s cgrj gkrh gA tcdh 9 i fr'kr fdl ku bl l si wkz-% vl gefr j [krsgA yxHkx 26 i fr'kr fdl kuka dh jk; bl ckjsearVLFk gA oghayxHkx 16 i fr'kr fdl ku bl ckjsear vl gefr trkrsgA tcf d yxHkx 9 i fr'kr fdl ku bl l si wkz-% l gefr j [krsgA f d futh dEi fu; ka }kjk Ql y ds fy, nh tkus okyh foUkh; l gk; rk l jdkj }kjk nh tkus okyh l gk; rk l s cgrj gkrh gA

rkfydk&16

dEi uh }kjk vi ukbz tkus okyh uhfr; ka dh i kj n'khrk l jdkjh uhfr; ka l s T; knk gkrh gA

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/41-2 1/2	1/7-6 1/2	1/41-9-4 1/2	1/57-8 1/2	1/41 4 1/2

df'k 0; ki kj ds fy, vi ukbz tkus okyh uhfr; ka eal i kj n'khrk dk gkuk cgrn vko'; d gA dEi fu; ka }kjk df'k 0; ki kj ds fy, vi ukbz tkus okyh uhfr; ka dh i kj n'khrk l jdkjh uhfr; ka dh i kj n'khrk l s T; knk gkrh gA bl ckjsear; knkrj fd; kuka dh jk; udj kRed gA yxHkx 58 i fr'kr fdl ku bl l svl ger gA f d uhft dEi fu; ka dh uhfr; ka eal jdkjh uhfr; ka dh ryuk eal i kj n'khrk T; knk gkrh gA ogha 14 i fr'kr fdl ku bl l si wkz-% vl gefr j [krsgA yxHkx 19 i fr'kr fdl kuka dh jk; bl ckjsearVLFk gA tcf d yxHkx 8 i fr'kr fdl ku bl l sl gefr j [krsgA f d uhft dEi fu; ka dh uhfr; ka eal jdkjh uhfr; ka dh ryuk eal i kj n'khrk vf/kd gkrh gA bl l si wkz-% l gefr j [kusokysfdl ku yxHkx 1 i fr'kr gA

dfk {k= e: mrjus okyh ulft dEi fu; ka dh Nfo fuekz ds fy, tul Ei dI ulfr; ka ds ckjs eafdl kula dh jk;

rkfydk&17

futh dEi fu; ka }kjk nh tkus okyh foLrkj I ok, a I jdkj }kjk nh tkus okyh foLrkj I okvka I s cgrj gkrh gA

i wkt-% I ger	I ger	rVLFk	vl ger	i wkt-% vl ger
1/32-8 1/2	1/44-6 1/2	1/9-4 1/2	1/8-4 1/2	1/4-8 1/2

dfk dsfy, vko'; d foLrkj I okvka ds ckjs eafdl kula dh utjh; k ulft dEi fu; ka ds ckjs eafdl dkj kRed gA yxHkx 47 ifr'kr fdl ku bl I sl gefr trkrsgaf d futh dEi fu; ka }kjk nh tkus okyh foLrkj I ok, a I jdkj }kjk nh tkus okyh foLrkj I okvka I s cgrj gkrh gA tcf d yxHkx 33 ifr'kr fdl ku bl I si wkt-% I gefr j [krsgA yxHkx 9 ifr'kr fdl kula dh jk; bl ckjsearVLFk gA tcf d 8 ifr'kr ds djhc fdl ku bl I svl gefr trkrsgA tcf d yxHkx 5 ifr'kr fdl ku bl I si wkt-% vl ger gA

rkfydk&18

vuqll/k dfk ea I jdkj dh e/; Lrrk gks rks fdl ku T; knk Hkjkd k djrs gA

i wkt-% I ger	I ger	rVLFk	vl ger	i wkt-% vl ger
1/42-6 1/2	1/53-4 1/2	1/2-8 1/2	1/11 1/2	1/10-2 1/2

mijkr rkfydk ds vka dMka I s; g I keusvk; k gsf d futh dEi fu; ka ds fdl kula ds I kfk dfk 0; ki kj djrs I e; I jdkj dks e/; Lfk ds rks j [kuk pfg, A yxHkx 53 ifr'kr fdl ku bl ckjseavi uh I gefr trkrsgaf d vuqll/k dfk ea I jdkj dh e/; Lrrk gks rks fdl ku T; knk Hkjkd k djrs gA tcf d yxHkx 47 ifr'kr fdl ku bl I si wkt-% I gefr j [krsgA yxHkx 3 ifr'kr fdl kula dh jk; bl ckjsearVLFk gA tcf d fl Q21 ifr'kr fdl ku bl I svl gefr trkrsgA

rkfydk&19

vuqll/k dfk ea fuxe o fdl ku ds chp dMka dk dke djus okys Lfkkuh; ukxjhd dk gksuk t: jh gA

i wkt-% I ger	I ger	rVLFk	vl ger	i wkt-% vl ger
1/8-4 1/2	1/44 1/2	1/10-6 1/2	1/8-2 1/2	1/8-2 1/2

vuqll/k dfk ea fuxe vls fdl kula ds chp fdl h Lfkkuh; ukxfjd dk gksuk t: jh gA bl ckjsearT; knkrj fdl kula dh jk; I dkj kRed gA yxHkx 44 ifr'kr fdl ku bl I sl gefr j [krsgaf d vuqll/k dfk dsfy, fuxe vls fdl ku ds chp Lfkkuh; ukxfjd dk gksuk t: jh gA tcf d 34 ifr'kr fdl kula dh bl ckjsearj; i wkt-% I gefr okyh gA yxHkx 11 ifr'kr fdl ku bl ckjsearVLFk gA tcf d 8 ifr'kr fdl ku bl I svl ger vls yxHkx 3 ifr'kr fdl ku bl I si wkt-% vl ger gA

rkfydk&20

I jdkjh e.Mka; ka dh rnyuk ea futh dEi uh dh [kjhn i f0; k dk Lo: I k vls I fo/kk, a cgrj gkrh gA

i wkt-% I ger	I ger	rVLFk	vl ger	i wkt-% vl ger
1/27-6 1/2	1/42-4 1/2	1/8 1/2	1/15-2 1/2	1/11-8 1/2

T; knkrj fdl kula ds vuqll/k I jdkjh e.Mka; ka dh rnyuk ea futh dEi uh dh [kjhn i f0; k dk Lo: i vls I fo/kk, a cgrj gkrh gA yxHkx 42 ifr'kr fdl ku bl I sl gefr j [krsgA tcf d yxHkx 28 ifr'kr fdl kula dh jk; bl ckjsear i wkt-% I gefr okyh gA tcf d yxHkx 15 ifr'kr fdl ku bl ckjsearvl gefr trkrsgA bl h dsl kfk yxHkx 12 ifr'kr fdl ku bl I si wkt-% vl gefr j [krsgA tcf d 3 ifr'kr fdl kula dh jk; bl ckjsearVLFk gA

rkfydk&21

dEi fu; ka dks dfk 0; ki kj I s I Ecfll/kr I upuk dks i d kfr o i d kfk'kr djus ds fy; s foHkku tul okj ek/; eka dk I gkj k yuk pfg, A

i wkt-% I ger	I ger	rVLFk	vl ger	i wkt-% vl ger
1/49-4 1/2	1/41-4 1/2	1/8 1/2	1/10-8 1/2	1/10-4 1/2

dfk {ks= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei d' ulfr; ka ds ckjs ea fdl kuka dh jk;

fdl kukadksdfk 0; ki kj dksvi ukusdsfy, fofHku l puvkadh vko'; drk i Mfh g' tksfd fofHku tul pkj ek/; ekads }kjk dEi fu; ka }kjk nh tk l drh g' yxHkx 49 i fr'kr fdl ku bl l si wkz-%l gefr j [krsg'fd dEi fu; ka dks dfk 0; ki kj l sl Ecfu/kr l puvkadhki i kfjr o i zdk'kr djsdsfy, fofHku tul pkj ek/; ekadk l g'jk ysuk pkfg, A ogha 41 i fr'kr dsdjhc fdl ku bl l s l gefr trkrsg' vkb i fr'kr fdl kukadh bl ckjsearVLFk jk; gStcfd yxHkx 1 i fr'kr fdl ku bl l svl gefr j [krsg'

rkfydk&22

, d ckj fuxe l svuqfu/kr gkus ds ckn fdl ku ds fy; sml dks NkMuk dkunh : lk l sef' dy gks tkrk g'

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/19-6 1/2	1/43-2 1/2	1/22-8 1/2	1/11-4 1/2	1/3 1/2

mi jkDr rkfydk dsvk'adM'adsvud kj yxHkx 43 i fr'kr fdl kukadh bl ckjseal gefr g' fd , d ckj fuxe l svuqfu/kr gkusdsckn fdl ku ds fy; sml dks NkMuk dkunh : i l sef' dy gks tkrk g' t'cfd yxHkx 20 i fr'kr fdl ku bl l si wkz-%l gefr trkrsg' yxHkx 23 i fr'kr fdl kukadh jk; bl ckjsearVLFk g'ogha 11 i fr'kr dsdjhc 11 i fr'kr fdl ku bl l svl gefr trkrsg' g' bl dsvykok 3 i fr'kr fdl kukadh bl l si wkz-%vl gefr g'

rkfydk&23

fuxe }kjk fdl h Hkh i zdkj ds vfHk; ku uk pykus ds dkj . k fdl kuka dks fuxeka }kjk nh tkus okyh l fo/kkvka dh tkudkj h ugha fey i krhA

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/53-8 1/2	1/39-2 1/2	1/5-2 1/2	1/1-6 1/2	1/0-2 1/2

mi jkDr rkfydk dsvk'adM'adsvud s; g l keusvk; k g'fd fdl h tul Ei d'zvfHk; ku dsuk pyk; stkusdsckj . k fdl kukadksfuxeka }kjk nh tkusokyh l fo/kkvkadh tkudkj h ugha fey i krhA yxHkx 54 i fr'kr fdl kukadh bl ckjseal wkz-%l gefr g'fd fuxeka }kjk fdl h Hkh i zdkj dsvfHk; ku uk pykusdsckj . k fdl kukadksfuxeka }kjk nh tkusokyh l fo/kkvkadh tkudkj h ugha fey i krhA t'cfd yxHkx 39 i fr'kr fdl ku bl l sl gefr trkrsg' bl dsvykok yxHkx 5 i fr'kr fdl ku bl ckjsearVLFk jk; j [krsg' yxHkx 2 i fr'kr fdl ku bl ckjseavl gefr trkrsg'

rkfydk&24

fuxeka ds l kfk dk; z dj jgs fdl kuka vkj vl; fdl kuka ds chp l puvkadh dk dkbz vknku&i nku ugha gkrkA

i wkz-% l ger	l ger	rVLFk	vl ger	i wkz-% vl ger
1/31-8 1/2	1/28-2 1/2	1/10-8 1/2	1/19-2 1/2	1/10 1/2

mi jkDr rkfydk dsvk'adM'adsvud kj yxHkx 32 i fr'kr fdl ku bl ckjseal wkz-%l gefr g'fd fuxekadsl kfk dk; z dj jgs fdl kuka vkj vl; fdl kukadschp l puvkadh dk dkbz vknku&i nku ugha gkrkA t'cfd yxHkx 28 i fr'kr fdl ku bl l sl gefr trkrsg' g' yxHkx 11 i fr'kr fdl kukadh bl ckjseajk; rVLFk g' t'cfd 19 i fr'kr dsdjhc fdl ku bl l svl gefr trkrsg' bl h dsl kfk 10 i fr'kr fdl kukadh bl ckjseal wkz-%vl gefr g'

fu"d"zk%& bl 'kksk dk; zdk eq; mnas; dfk l puvkadsiz kx dsfy, ehfm; k dsiz kx vkj dfk {ks= eadk; jr dEi fu; kadscjseal fdl kukadsutjh; sdsckjseatkuuk Fkk rkfd dEi fu; kadfdl kukadsfy, l pkj vkj tul Ei d'zefkMy dk fuekzk fd; k tk l dA bl 'kksk dk; ZeatksrF; mHkj dj l keusvk, mul s; sfu"d"zfudyrk g'

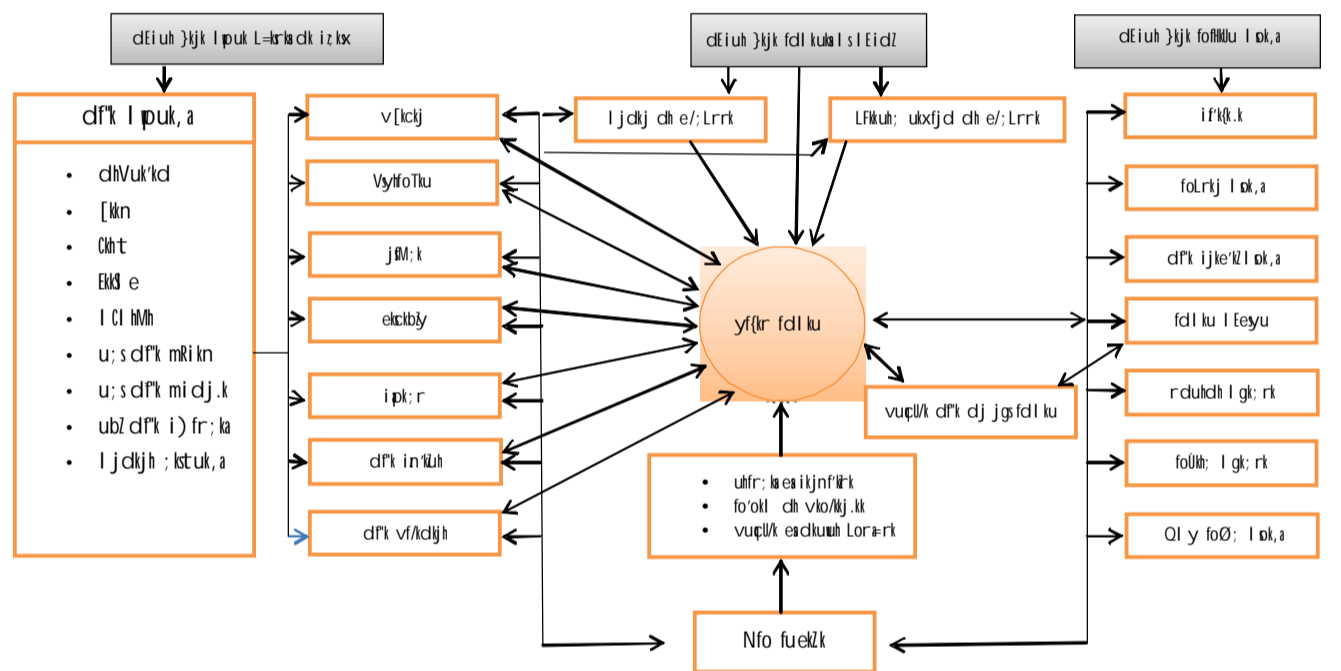
l-dfk dsfy, fofHku l puvk L=krkadk iz kx vkj mul s'itr l puvkadh dfk eal gk; rk&fdl kukads }kjk iz kx fd, tkusokys l pkj ek/; ekaeal stksef; l 'kDr ek/; e mHkj dj l keusvk, mueaVsyhfotu j sM; k' v[kckj] ekscbzy i pk; r] dfk i n'k'uh vkj dfk vf/kdkjh vkfn g' ; sog l puvk L=kr g'fd tul sfdl ku dfk l st'fHk l puvkadh i kflr djrk g' bul sfdl ku tksl puvk, dfk ds fy, yrk gsmuea [kkn] cht] dhVuk'd] ek' e] dfk vupku] u; sdfk mRi kn] ubzdfk i ) fr; k' u; sdfk mi dj . k vkj l jdkjh ; kstukvadh tkudkj h vkfn eq; g' fdl ku bu l puvk L=krkadksdfk eadkOh T; knk l gk; d ekursg' bl dsvykok b'j'j'v] Vksy Yh uEj vkj dfk i f=dk d'N , d sl puvk L=kr g'fd t'udk fdl ku ; k rksfYcdy Hkh iz kx ugha djrs; k fQj cgr de djrs g'



dfk {k= ea mrjus okyh ulft dEi fu; ka dh Nfo fuekzk ds fy, tul Ei dI ulfr; ka ds ckjs ea fdl kuka dh jk;

2-futh dEi fu; ka ds ckjs ea fdl kuka dh utjh; k&'kkzk I s; g I keusvk; k gSfd fdl kuka dh dN ekeykaeafuth dEi fu; ka ds i fr utjh; k I dkj kRed gS oghadN ekeykaeudkj kRed gA vfo'okl dh vo/kkj .kkj ulfr; ka eavi kjnf'kzk vks vuqL/kkadsnkS ku dkuuh t dMu dN , d si gygatsfdl kuka dks dEi uh I s0; ki I j djuseack/kd fl ) gksrsgA fdl kuka dks dfk 0; ki kj dsfy, vkdf'kzr djus dsfy, dEi uh dksfdl kuka eaf'okl dh /kkj .kk i sk djuh pfg, A bl dsvykok ulfr; ka eai kjnf'kzk Hkh ykbl tkuh t: jh gSrkfd fdl kuka eadEi uh dh Noh I dkj kRed gka bl dsvykok vuqL/k eafdl kuka dks dkuuh Lorark nh tkuh pfg, A 3-dfk 0; ki kj ea I gk; d gk I dus okys HkkSrd I k/ku&dfk i f'k{k.k} foLrkj I ok, j foLkh; I gk; rkj dfk ijke'kz I ok, j rdudhd I gk; rkj fdl ku I Eesyu cgrj Ql y fo0; I fo/kk, avkfn dN , d sHkkSrd I k/ku gSftudks inku djdsfuth dEi fu; kafdl kuka dks dfk 0; ki kj djusdsfy, vi uh vks vkdf'kzr dj I drh gA bl h ds I kfk ds I kfk vuqL/k dfk ea I jdkj vks LFkkh; ukxfjdkadh e/; Lrrk Hkh , d sdjkd gSftul sdEi fu; kavi usl kfk fdl kuka dks tkMudsfy, bLreky dj I drh gA

4- vuqL/k dfk dsfy, iLrkfor I plj , oa tul Ei dzekMy



I nHkz xFk I ifp

- 1.Acharya S.S. (2007), "Agribusiness in India: Some Facts and Emerging Issues", Agricultural Economics Research Review, Vol. 20 (Conference Issue) pp 409-424
- 2.Asokan, S. R. (2005), "A perspective of contract farming with special reference to India", Indian Journal of Agricultural Marketing, 19(2): 94-106.
- 3.Dorin Bruno (2000), "For a Second Green Revolution: A Seminar Report", Economic and Political Weekly, Vol. 35, No. 23 (Jun. 3-9, 2000), pp. 1893-1895 Published by: Economic and Political Weekly Stable URL: <http://www.jstor.org/stable/4409350> Accessed: 03/08/2010 01:01
- 4.Hans V. Basil, (2008)"Agri-Business and Rural Management in India - Issues and Challenges", St Aloysius Evening College, Mangalore (INDIA), [www.papers.ssrn.com/sol3/papers.cfm](http://www.papers.ssrn.com/sol3/papers.cfm)
- 5.Johl, S S (1995), "Agricultural Sector and New Economic Policy", Indian Journal of Agricultural Economics, 50(3), 473-487.
- 6.Joshi, S (2006): "Give Farmers a real way out", The Hindu Business Line, March 22, p.10.
- 7.Kibwika P., F.B. Kyazze, M.G.Nassuna-Musoke, "Public Policies and Agribusiness Innovation in Uganda: A case study of fish, banana and vegetable value chains", <http://info.worldbank.org/etools/docs/library/243692/session2bUgandaAgribusiness%20innovation.pdf>
- 8.Kumar Jagdish and Prakash Kumar K.(July-December 2008), "Contract farming: problems, prospectus and its effects on income and employment", Agricultural Economics Research Review, Vol. 21, pp 243-250,

- [www.ageconsearch.umn.edu/bitstream/47678/2/10-J-Kumar.pdf](http://www.ageconsearch.umn.edu/bitstream/47678/2/10-J-Kumar.pdf)
- 9.Lee Ho Geun and Theodore H. Clark (1996), "Impacts of the Electronic Marketplace on Transaction Cost and Market Structure", International Journal of Electronic Commerce, Vol. 1, No. 1 (Fall, 1996), pp. 127-149 Published by: M.E. Sharpe, Inc. Stable URL: <http://www.jstor.org/stable/27750803> Accessed: 02/08/2010 04:56
- 10.Matani Dr. A.G.(8-10 April 2007), "Information Technology Improving Retail Marketing In Agriculture", International Marketing Conference on Marketing & Society, IIMK  
<http://dspace.iimk.ac.in/bitstream/2259/372/1/185-186.pdf>
- 11.Mittal Dr. Ramesh Deputy Director, "Impact on Farmer Income in View of Current Trends in Agri –Retailing", Research Project ,CCS National Institute of Agricultural Marketing (A Govt. of India organisation under the ministry of Agriculture) Bambala, Kota Road, RHB Sector -5, Pratap Nagar, Near Sanganer, Jaipur-302033 Rajasthan, India  
<http://www.ccsniam.gov.in/research/Ramesh%20Mittal.pdf>
- 12.Mittal S.C., "Information Technology in Agriculture and its opportunities in India", General Manager, Management Services Division, Indian Farmers Fertilizer Cooperative Limited, 34, Nehru Place, New Delhi, 110019  
[http://www.iffco.nic.in/applications/brihaspat.nsf/c75c8a47921f71b0e525656900233970/0238215a7f658fd765256a6100332018/\\$FILE/scm\\_pantnagar.pdf](http://www.iffco.nic.in/applications/brihaspat.nsf/c75c8a47921f71b0e525656900233970/0238215a7f658fd765256a6100332018/$FILE/scm_pantnagar.pdf)
- 13.Mutalika Ngwazi Dr. Bingu wa, The State President of Malawi and Minister of Agriculture and Food Security, "Investement in agribusiness".  
<http://www.moafsmw.org/ocean/docs/Key%20Documents/D%20INVESTMENTS%20IN%20AGRIBUSINES%20final.pdf>
- 14.Phougat Dr. Sunil, Research Fellow, Department of Economics, "Role of Information Technology in Agriculture", M.D. University, Rohtak – 124001 (Haryana).  
[http://www.techno-preneur.net/information-desk/sciencetech-magazine/2006/aug06/Role\\_Agri.pdf](http://www.techno-preneur.net/information-desk/sciencetech-magazine/2006/aug06/Role_Agri.pdf)
- 15.Punjabi Meeta (2007), "Emerging Environment for Agribusiness and Agro-industry Development in India: Key Issues in the Way Forward", Food and Agricultural Organization of the United Nations, New Delhi,  
<http://www.fao.org/world/regional/rap/agro-industries/Agribusiness%20India%20Paper.pdf>
- 16.Reed Darryl (2002) , "Corporate Governance Reforms in Developing Countries", Journal of Business Ethics, Vol. 37, No. 3, Corporate Governance Reforms in Developing Countries (May, 2002), pp. 223-247 Published by: Springer Stable URL: <http://www.jstor.org/stable/25074752> Accessed: 02/08/2010 07:03
- 17.Reed Ananya Mukherjee (2002), "Corporate Governance Reforms in India" Journal of Business Ethics, Vol. 37, No. 3, Corporate Governance Reforms in Developing Countries (May, 2002), pp. 249-268 Published by: Springer Stable URL: <http://www.jstor.org/stable/25074753> Accessed: 02/08/2010 07:05
- 18.Sharma, Vijay Paul(2007), " India's Agrarian Crisis and Smallholder Producers' Participation in New Farm Supply Chain Initiatives: A Case Study of Contract Farming, W.P. No.2007-08-01  
[http://www.regoverningmarkets.org/en/resources/south\\_asia/india\\_india\\_s\\_agrarian\\_crisis\\_and\\_smallholder\\_producers\\_participation\\_in\\_new\\_farm\\_supply\\_chain\\_initiatives\\_pdf](http://www.regoverningmarkets.org/en/resources/south_asia/india_india_s_agrarian_crisis_and_smallholder_producers_participation_in_new_farm_supply_chain_initiatives_pdf)
- 19.Singh Dr. Rakesh, "Farms+Corporate new farm supply chain initiatives in Indian agriculture"
- 20.Singh J P (2005), "Changing Agrarian Relations in Rural India", a Keynote Paper presented at the 65th Annual Conference of the ISAE held at PAU, Ludhiana, November 24-26.
- 21.Singh S (2006), "Leveraging Contract Farming for Agricultural Development in India: Status, Issues, and Strategies", a draft paper prepared for the Working Group (of the NDC, Govt. of India) on Agricultural Marketing Reforms, Centre for Management in Agriculture (CMA), Indian Institute of Management (IIM), Ahmedabad.
- 22.Singh Sukhpal, (2006) "Corporate Farming in India: Is it Must for Agricultural Development?", Indian Institute of Management, Ahmedabad, India, W.P. No.2006-11-06  
[www.iimahd.ernet.in/publications/data/2006-11-06\\_SSingh.pdf](http://www.iimahd.ernet.in/publications/data/2006-11-06_SSingh.pdf)
- 23.Singh Sukhpal, "Leveraging Contract Farming for Improving Supply Chain Efficiency in India: Some Innovative and Successful Models", Indian Institute of Management, Ahmedabad-380015,Gujarat, India  
<http://www.globalfoodchainpartnerships.org/india/Papers/SukhpalSingh.pdf>
- 24.Sinha Dipankar (1994), "Communication and Development", Economic and Political Weekly, Vol. 29, No. 18 (Apr. 30, 1994), pp. 1069-1070 Published by: Economic and Political Weekly Stable URL: <http://www.jstor.org/stable/4401138> Accessed: 03/08/2010 03:34
- 25.Subramaniam R. Associate Vice President, Avalon Consulting,"Agribusiness is happening in India"  
[Mumbaiwww.cunsultavlon.com/perspe/agribiz.pdf](http://Mumbaiwww.cunsultavlon.com/perspe/agribiz.pdf)

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26. Viswanadham N., "Can India be the food basket for the world?", Indian School of Business, Hyderabad-500032  
[http://www.isb.edu/faculty/Working\\_Papers\\_pdfs/Can\\_India\\_be\\_the\\_Food\\_Basket\\_for\\_the\\_World.pdf](http://www.isb.edu/faculty/Working_Papers_pdfs/Can_India_be_the_Food_Basket_for_the_World.pdf)
27. Zhuang Youlong and Albert L. Lederer (2003), 'An Instrument for Measuring the Business Benefits of E-Commerce Retailing', International Journal of Electronic Commerce, Vol. 7, No. 3 (Spring, 2003), pp. 65-99  
Published by: M.E. Sharpe, Inc. Stable URL: <http://www.jstor.org/stable/27751066> Accessed: 03/08/2010 03:24
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