

ofnd lkfgR; e lx.k HkfDr dh vfHk0;fDr

Mkl- Jhdkr feJ

fgUnh foHkkx

Lokeh 'kdnokun dkyt] 'kkgtgkij

; | fi ^eU=ckã.k;ko'nuke/k;e* vFkkir eU=Hkkx ,o cã.kHkkx nkuk d k
uke on g] ;k ofnd lukru /keku; ;h fo}ku ekur g] rFkfi eU=Hkkx ,o
cã.kHkkx dk vk/kkj/k; &Hkko rFk 0; k[; ; & 0; k[; kuHkko gku d dkj.k vFkkir
eU=Hkkx ¼ lfgrk, ½ vk/kkj ,o 0; k[; ; rFk & cã.kHkkx vk/k; ,o 0; k[; ku
gku d dkj.k cã.k Hkkx dh vi{kk eU= Hkkx e e[; fuji{k onRo g'A vr%
mldh lfgrkvk e gh vfHkof.kir Hkfä rÜo dk ; gk dY; k.k& u çfe; k d fy; ;
; Fkkefr mYy[k fd; k tkrk g'A eu egjkt u Hkh dgk g&

/kei ftKklekukuk çek.k ije Jfr% AA

vFkkir /kk;iek.k Hkfä] Kku vkfn /kei dh ftKlk j[ku oky d fy; ;
e[; & Lor% & çek.k ,dek= Jfr g'A

vr% Jfr d vudy gh brj Lefr&ijk.kkfn d opu çekf.kd ,o xká
eku tkr g'A Jfrfo#) dkb Hkh opu çekf.kd ugh ekuk tkrA vr,o onk
d egÜo d fo" k; e egkHkkjr e ;g dgk x; k g&

loi fononfonk on loi çfrf"Bre A

on fg fu"Bk loL; ;n ; nflr p ukflr p AA

vukfnfu/kuk fuR; k okxrl "Vk Lo; EHk ok A

vnki one; h fn0; k ; r% lok% çoÜk; % AA

vFkkir onk d Kkrk lc dN tkur g] D; kfd on e lc dN çfrf"Br g'A
tk Kkr0; vFk vU; = g ; k ugh g] ml lk/ ; & lk/kukfn leLr o.kuh; vFkkl dh
fu"Bk onk e g'A vr% onok.kh fn0; g] fuR; g ,o vkfn&vUr&jfgr g] lf"V
d vkfn e Lo; EHk ije'oj }jk mldk çnHkko gvk g rFk mld }jk /ke]
Hkfä vkfn dh leLr çoÜk; k fl) gk jgh g'A blfy; & ^onk ukj; .k% lk{kkir
Lo; EHkfjfr 'kJjeAA* dg dj gekj iT; egf"ki; k u onk dh vikj efgek vfHk0; ä
dh g'A

ftld vuUr egÜo dk ge Jo.k djr g] tk gekjk okLrfod lEcU/kh

gkrk g] ft l d: }kj k gekjk fgr lEikfnr gkrk g' ,o: 'kk'or 'kkfUr rFkk vuUr
l[k dk yHk gkrk g] mle: foodh dh vfopy çhr LoHkkor% gk gh tkrh gA
blfy; Hkxor çkFkuk d: : i e: vFko: lfgrk e: dgk x; k g&

no lLQku l gL=k i k" kL; f' k" kA

rL; uk jkLo rL; uk /kfg rL; r Hkf ä okl % L;ke AA

^g vH; n; , o fu% J; l çnkrk no! r vk/; k fRedkfn v l[; ‘kk’or if”V; k
dk Lokeh g] blfy; ge mu if”V; k dk r nku dj] mudk gekj e LFkkiu
djA ft l l ml egku vuUr if”Vifr çHk dh Hkfä l ge ; ä gk] vFkkir rjh
ikou Hkfä }kjk gh ge vHkh”V if”V; k dk ykHk gkxk&, lk fo’okl ge dja*

JhHkxoku dı fn0;re xı.kk dı Jo.k lı æohHkır fpÜk dh ofÜk;k ml
loı'oj çHkı dh vkj tc /kkjk çokg :ı lı lrr cgu yx tkrh gı rc ;gh
Hkfäd k Lo:ı cu tkrk gıA vr,o _Xonlİfgrk eı dgk x;k g&

vfXu: fo'ok vfHk i' {k% lpUr: leæ: u L=or% lIr : °oh%A

[^]t l₁ x₁ k v₁ k f₁ n c₁ M₁ h l₁ k r u₁ f₁ n₁; _k l e₁ æ d₁ h v₁ k j g₁ h n₁ k M₁ r h g₁ b₁ m₁ l h
e₁ f o y h u g₁ k t₁ k r h g₁] o l₁ g₁ h H₁ k x o n₁ H₁ k ä₁ k d₁ e u d₁ h l₁ H₁ k h o f₁ Ü₁ k₁ v u U₁ r
f n₀; x₁ . k d e o k u i j e ' o j d₁ h v₁ k j t₁ k r h g₁ b & r n k d k j g₁ k r h g₁ b & m₁ l h e₁ f o y h u
g₁ k t₁ k r h g₁ A^{*} ¼ b l e U = e₁ i { k v U u d₁ k u k e g₁] o g v U u e₁; e u d₁ k y f { k r d j r k
g₁ A^{½*} b l f y₁; g₁ ç H k k ! &

$$;L; \quad r \in \text{Lokn} \quad l \in \text{Lok} \} \quad \text{ç.khfr} \% A$$

^r|> ijekRek dk l[; ¼fe=rk½ Lokn| g] vFkk| e/kj vk°ykd vkuUndj
g] vkj r|> ije'oj dh ç.khfr ¼vuU; Hkf ä ½ Lok}h g] leLr l|rkik| dk fuokj.k
djd| ijekuUn çnku dju okyh g] vFkk| ^Hkfä l|r= ldy l|k [kkuh' g|A
ç.khfr] ç.k;] ç|e] çhfr] Hkfä&; lc i;k; &okpd g|, dkFk| d| ck/kd g|A

okLrfod lEcU/kh Hkxoku'

ftld; lkFk gekjk dkb&u&dkb; lEcU/k gkrk g] ml; n[kdj ;k mldk
uke ludy mld; çfr Lug dk çknHkkio gk gh tkrk gA lilkj d; ekrk&firk
vkfn lEcU/kh vkxUr; d g&o; vkt g; vkj dy ugh; jg;x] blfy;; o; dPp&udyh]
LokFkh lEcU/kh eku; x;; gA ijr; lo'oj ijekRek ge lc thokRekvk; dk ekrk&
firk vkfn okLrfod 'kk'or fu%LokFk; n%[k&fuokjd ,o; fgr&l;[kdj lEcU/kh
gA blfy;; gekj; vfr/kU; onk; u; ml ijekRek e; ije çhfr mRiUu dju; d;
fy;; dgk g&

Ro_i = kr_k r_{j.k} p_{R;k} H_k% fir_k e_{kr} l_nf_eU_eku[”]_{kk}.k_{ke} AA

^g rkjugkj vFkkir' l lkj d f=fo/k n% [kk l rkju oky Hkxou! r gekjk
=krk&j{k d g] blfy; r pR; vFkkir' tkuu ;kX; g fd r gekjk dku g\ r
ge eu"; k dk lnk jgu okyk lPpk ekrk ,o firk gA*

ifrcHkFkklek tukukedk fo'oL; HkouL; jktkAA

^g çHkk! ge ¼lc½ tuk d r gh ,dek= miekjfgr&vlk/kkj.k ifr&
Lokeh g rFkk leLr Hkouk d jktk&b'oj gA*

l u bUæ f'ko% l [kkA¼_å 8@93@3¼og bUæ ijekRek gekjk dY;k.k&
dkjh l [kk gA* blfy; g Hkxou !& RoeLekd ro Lefl AA ¼_då 8@92@32½
^r gekjk g vkj ge rj gA* ;g Hkko HkxoPNj.kkxfrdk Hkh gA vfxu eU;
firjefXuekfiefXu Hkkrj l nfer l [kk;eA ¼_då 10@7@3½ vFkkir' vfxu
ijekRek dk gh e lno viuk firk ekrk g] vfxu dk gh ^vkfi*&viuk
cU/k ekrk g ,o vfxu dk gh e Hkbb rFkk l [kk ekrk gA ;gk ;g ;kn j[kuk
pkfg; fd onk e vfxu bUæ o#.k] #æ vkfn vud ukek d }kjk ,d ijekRek
dk gh o.ku fd;k x;k gA

Hk tuh; ije'oj dk LrR; egÜo &

lfgrkvk e ije'oj d Hkfä o/kid LrR; egÜo dk vud çdkj l o.ku
feyrk gA tll&

RoeXu bUæk o"khk% l rkefl Ro fo".k##xk; ueL;% A

Ro ciãk jf;fon ciã.kLir Ro fo/kr% lpl ij;/k AA

^g vXu! ijekReu! r bUæ vFkkir' vuUr ,o; k l lEiUu g] blfy;
r lTtuk d fy; o"khk vFkkir' mudh leLr dkeukvk dk ijd gA r
fo".k g& &foHk] 0;kid g] blfy; r m#xk; g& cgrk l& xkuk d }kjk
Lrfr dju ;kX; g ,o ueLdk; gA g ciã vFkkir' on d ifr! r ciãk g vkj
jf; vFkkir' leLr deQyk dk Kkrk ,o nkrk gA g fo/kkj d& lok/kkj! r ijf/k
vFkkir' ifo= ,dkx cf) }kjk çR; {k gkrk gA g 'kj&vuUr&cy&ijkØefu/k!
g bUæ&ijekReu! ftl çdkj i;%iku d bPNd {k/kkr cNM viuh ekrk dk
fpUru djr g, ml i dkjr g] mlh çdkj ge LFkkoj ,o tixe lex fo'o d
fu;ked fujfr'k; l [ki.k ,o lkUn;fuf/k n'kuh; r> ije'oj dh Lrfr ,o
fpUru djr g, Hkfä i.k ân; l r> i dkjr gA*

bUæk fno bUæ bl'k ifFk0;k

bUæk vikfeUæ br iorkukeA

bUæk o/kkfeUæ buEf/kjk.kk&

feUæ% {kei ;kxi g0; bUæ%AA

^ijekRek bUæ Loxi ykd rFkk iFkoh&ykd dk Hkh fu;Urk g' rFkk Hkxoku bUæ tykd ;k ikrky&ykd dk rFkk iork dk Hkh fu;Urk g' ije'oj bUæ LFkkoj txr dk rFkk e/kk ¼cf)½ oky prut xRdk Hkh fu;Urk&'kkld g' og loi'oj bUæ gekj ;kx ,o {ked leiknu e leFk g' blfy; ogh gekj }kjk vk'oku ;k vkjk/kuk dju ;kX; g'A

JhHkxokr dh Hkæorlyrk dk vud –"Vkurk d }kjk bl çdkj o.ku feyrk g&

xko bo xke ;;f/kfjok'oku okJo orl l'leuk ngkukA

ifrfjo tk;kefHk uk U;r /krk fno% lfork fo'ookj% AA

^tll xk; xke d çfr 'kh?k gh tkrh g' tll 'kjohj ;k)k viufç; v'oij cBu d fy; tkrh g' tll Lugifjr euokyh cgr n/k nu okyh ^gEek&jo* djrh gb xk; viufç; cNM d çfr 'kh?krk l tkrh g' rFkk tll ifr viuh fç;rek lUnjh iRuh l feyu d fy; 'kh?k tkrh g' ol gh leLr fo'o }kjk oj.k dju ;kX; fujfr'k; 'kk'or&vkuUnfuf/k lforkHkxoku ge 'kj.kkxr Hkæ d lehi e vkrh g'A* bl eU= e ;g jgL; cryk;k x;k g' fd xk dh Hkçfr ekrk : i ijeLugker dk HkMkj JhHkxoku xke dh rjg Hkæ d xg e ;k mld ân; e fuokl dju d fy; orlLFkkukiUu viuf Lug ,o dik d Hkktu Hkæ dk Kkuker fiyku d fy; ;k ;k)k ohj dh Hkçfr fuf[ky cy&ijkØe fuf/k egkçHk Hkæ d vUr%dj.k ,o ckádj.k : i v'ok dk fu;eu dju d fy; ;k mUg viuf o'ke dju d fy; rFkk ifr dh Hkçfr fo'oifr loi'oj çHk fç;re tk;k d LFkkukiUu Hkæ dk ifjJEHk.k ¼vkfy³xu½ dju d fy; ;k mld Åij vuxg dju d fy; ;k ml loi çdkj l lrlr dju d fy; ;k viuf vykfd d lk{kkRdkj }kjk –rkFk & /kU; cuk d fy; 'kh?k gh Hkæ dh çkFkiuk ek= l vk tkrh g'A ;g Hkxoku dh Hkæ ij LokHkxfodh –ikyrk g'A ,l –iky Hkxoku d çfr Hkfä dk mæd LoHkkor% gk gh tkrh g'A

%% lnhk %%

1- euLefr 2@13

2- egkHkjr] 'kkfUrio 270@43

3- vFko l fgrk 6@79@3

4- _Xonl fgrk] 1@71@7

5- _Xon 8@68@11



- 6- ogh] 6@1@5
- 7- ogh] 6@36@4
- 8- ogh] 2@1@3
- 9- ogh] 10@89@10
- 10- ogh] 10@149@4