

APPOLO



STUDY CENTRE

TEST 10

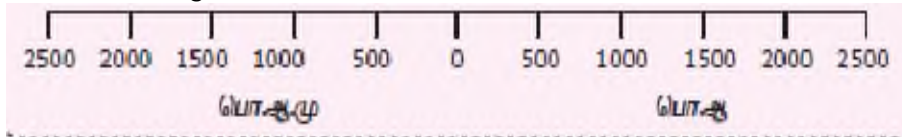
INDUS VALLEY CIVILIZATION

6 th Term I	Unit - 1	tuyhW vdwhy; vdd?
	Unit - 2	kdlj hfspd; ghz hk tshrrp
	Unit - 3	rpeJ ntsp ehfhpfk;
9 th Book	Unit - 1	kdlj g; ghz hk tshrrpAk; r%fKk; tuyhwWfF Kej ja fhyk;
	Unit - 2	gz i la ehfhpfqfs;
11 th Book	Unit - 1	gz i la , ej pah: nj hl ffk; Kj y; rpeJ ehfupfk; ti u

nj hfj p - l
myF- 1
tuyhW vdwhy; vdd?

tuyhwmpy; fhyk;

tuyhwmpd; fhyk; Mz lfspy; fz ffpil ggLfpmJ. ngh.M.K/nghJ.M. vdgJ nghJ
Mz bwF Kd; / nghJ Mz l



tuyhW vdgJ fl ej fhy epfo:Tfspd; fhythpi rg; gj pT.

jfty; Ngi o:

tuyhW vdW nrhy; fNuffr; nrhyhd ‘,] NI hhpah’(Istoria) vdgj pyUeJ
ngwggil J. , j d; nghUs; “trrhggj pd; %yk; fwwy;” vdgj hFk;

tuyhwWfF Kwgl l fhyjjy; ekKila KdNdhfs; gadgLjjja
fwfUtjfi sf; nfhz l mthfs; thoej fhyjijAk> mthfspd; thofi f
epfo:Tfi sAK; ehk; mwpeJ nfhss KbAK;

ehz atpay; - ehz ak> mj d; tuyhW nj hl hghd mwptpay; rhhej Ji wahFk;

“goqfwfhy kdj hfs; vggb Ntli lahbdhfs; vdgi j ki ygghi wfsYk> Fi fr; RthfSpYk; ti uaggl Lss ghi w XtjaqfsypUeJ nj hpeJ nfhs;fNwhk;

“Ntli l fFg; Nghf , ayhky; Fi ffsNyNa rpyh; , Ugghfs; myyth? Ntli l fFg; Nghdthfs; mqF elej J vdd vdgi j> j qfNshL tu , ayhjt hFS fFF; fhL t j wfhfg; ghi wfsYk; Fi fr RthfSpYk; , ggbahd Xtjaqfi sj; j ll baUfffyhk; rpy Neuqfsy; nghOJ Nghf;fhfTk; j ll baUfffyhk;

tuyhwWfF Kei ja fhyk; vdgi j fwfUtpfi s gadgLj j paj wFk; vOJk; Ki wfi s fz Lgpbj j wFk; , i l ggl l fhyk; MFk; nj hyypay; mi lahsqfshd fwfUtpfs> Gi j gbtqfs> ghi w Xtjaqfs; Nghdw gytwwypUeJk; tuyhwWj; juTfi sg; ngWfNwhk”.

gzila kdj hfs> Fi ffsy; thoej NghJ> ghi wfsy; Xtjaqfs; ti uej dh; , it ghi w Xtjaqfs; vdW mi of;fggLfdwd. j kJ thofi f efo;Tfi sg; gj pT nratj wfhf , t;thW nraj pUfffyhk;

“tuyhwWj; nj hl ff fhyk; (Proto History) vdwhy; tuyhwWfF Kei ja fhyj j wFk; , i l ggl l fhyk;

, f;fhyj j py; vOj ggl l gj pTfs; c ssd. Mdhy> mtwwpd; nghUi s , d;Dk; ekkhy; Ghe;J nfhs Kbatyi y”.

“, gNghJ ehk; etbl fUtpfSl d> kpf; ghJ fhggfh thofNwhk; Mdhy; Ntli lahLji yj; nj hopyhff; nfhz bUej goqfhy kdj hfs; mggg ghJ fhgghd #oyy; thotyi y. mthfs; thoeJ tej Fi fS fFs; nfha tyqFfs; Ei oeJ t pLk; mi t vj phghuky; tUK; NghJ kdj hfshy; mtwi w mwpa Kbahky; NghdJz L. Mdhy; mthfSl d; j hpe;J nfhz bUej ehafs; j kJ \$hpa Nkhgg cz htpdhy; tyqFfspd; tUi fia mwpe;J nfhz L Fi ujj d. , i jf; fz l kdj hfs> ehafi sg; gof;f j qfs; ghJ fhggwfhfTk> Ntli lahLj wfhfTk; Ntli lahl g; NghFkNghJ c l d; mi oj Jr; nryy; nj hl q;f;pdh”.

fyntlbay; - fyntl Lfsy; gj pT nraaggl l nraj pfi s Muhatj wfhd Ji w

‘j kkh’ vdgi j guhfpUj nrhy; , J rk] fpUj j py; ‘j hkh’ vdggLfwJ. , j d; nghUs; ‘mwnewp’ MFk;

tyi kkpff Nguurh; mNrhfh;

gzila , eja murhfsy; NgUK; GfOK; ngww murh; mNrhfh; Mthh; , tuJ Ml rpay; jhd; Gj j kj k; Mrpahtpd; gyNtW gFj pFS fFg; gutpaJ. fypqf; NghUfFg; gpd; gy ca hfs; kbtij f; fz L tUej p Nghh; nj hLggi j f; i f t p l h; mj wFg; gwF Gj j rkaj i j j; j Ot p mi kj pi aAk; mwj i j Ak; gugGtj wfhfj; j d; thoi tNa mhggz p j j h; nghJ kffS fF mth; Mwwpa Nri t Kd; khj pphaf tpsqfpaJ. ntwwpFf; gpd; Nghu j; Jwe; Kj y; murh; mNrhfhj hd; cyfNyNa Kj d; Kj yhf tyqFfS fFk; j dNa kUj Jtki d mi kj Jj; j e j tUk; Mthh; , dWk; mth; c Uthf;pa rhi yfi s ehk; gadgLj j pnfhz L , Uff;Nwhk; ekJ Nj rraf; nfhbapy; , lk; ngwWss 24 Muf;fhy; rffuk; mNrhfh; eWt;pa rhuej; fwWz py; c ss Kj j pi uaypUeNj ngwgg l J. , j pyUeJ mNrhfuJ Kff;aj J t j i j ehk; mwpayhk; Mdhy> , j j i fa rpwgGfi sf; nfhz l mNrhfh; Fwjj jftyfs> tuyhwwpd; gffqfsy; 20 Mk; E}wwhz L tiu , l kngwNt , yi y. Mqf;Nya tuyhwW Mathshfshd tyypak; N[hd] > N[k]; gh;rdnrg> mnyf;] hz l h; fdd;p;fhk; Nghdwthfs; tuyhwW MaTfs; %yk; fz Lgpbj j tuyhwWr; rhdWfsj hd; khkddh; mNrhfhpd; rpwgGfi s ntsp cyFfF nfhz L tej d.

, j d; mbggi lapy; rhhy] ; Myd; vDk; MqfNya vOjj hsh; mNrhfh;
Fwj j mi dj J tuyhwW Mtz qfi sAk; Nrfhj Jj; nj hFj J E}yhf
ntsp;lhh; mej E}ypd; ngah; The Search for the India's Lost Emperor.
mj wFg; gpwF gy Mathshfs; j qfs; Ma;Tfs; %yk; mNrhfhpd; nghw,fhy
MI rp Fwj j nraj pfi s ntspf; nfhz hej dh; , j w,fhd rhdWfs; rhQrp
] J)gpapYk> rhuhehj; fwW}z pYk; fhz ggLfpdwd. , i t mNrhfhpd;
ngUi ki a ekfF vLj J r; nrhy;Yfpdwd.

, j d%yk; tuyhwW Muharrfs; vtstT Kffrak; vdgi j ehk; cz u
KbAk; tuyhwW Mathshfs; Kawrphajhd; mNrhfh; Fwj j tuyhwW
cz i kfi s ntspfnfhz L tej J. rhhy] ; Mydgj pT nraj pUffhtpl lhy>
mNrhfhpd; tuyhW kwf;fggl l tuyhwhfj j hd; , Uej pUfFk;

fyntilLfs> epi dTr; riddqfs> nrgGg; gl l aqfs> ntspehl l th; kwWk;
ntsp eh l L gaz f; FwpgGfs> eh l LgGwf; fi j fs; Nghdwi t tuyhwj wf;
fl i i kffTk; kWrbui kffTk; nghp k; c j Tfpdwd.



myF- 2
kdj hfspd; ghz hk tshrrp

kdj hfs; ghz hk tshrrp mi lej fi ji aj; nj hyypay> khDI tpay; Mfpatwmpd; c j tAl d; ehk; mwptpay; Nehffpy; gapy KbAk;

tuyhwWfF Kei ja fhy kdj hfi sAk; mthfs; gadgLj jpa nghUl fi sAk; gwwg; gbggJ nj hyypay; MFk; nj hyypay; MatpwF Kffpa Mj hukhf mfo;thuharrg; nghUl fs; c j Tfpdwd.

khDI tpay; (Anthropology):

kdj hfi sAk; mthfspd; ghz hk tshrrpi ag; gwwp gbggJ khDI tpay; MFk; khDI tpay; (Anthropology) vdDk; nrhy; , uz L fNuff thhij jaypUeJ ngwggI J. vdgg d; nghUs; kdj d; logos vdgg d; nghUs; vz z qfs; myyJ fhuz k; khDI tpay; Mathshfs> kdj Fyjjpd; tshrrpi aAk> eljji aAk; MuhaeJ kdj d; fyrrhu kwWk; r%f epfo;Tfs; gwwpa KO tpsffj jAk; mi l tj wF Kayfpdwdh;

khDI tpayshfs; fpoF Mgghpf;fhty; c ss jhdrhdpahty; fpi ljj ry kdj f; fhybj j l qfi s cyfid; ghni tffF; nfhz L tej hfs; fy; gLi ffsy; gj jey Uej mej j; j l qfs; mJ ti u kz z py; Gi jeJ fpi ej d. mi t fj hpaaff; fhgd; gFggha;TfF clgLj jggI d. mj d; %yk; khDI tpayshfs; mej f; fhybj j l qfi s 3.5 kpyyad; Mz Lfs; goi kahdi t vdW fz l wpej hfs; , awi fapy; VNj Dk; xU j pBh; khwwk; epfOk; NghJ> cahp dqfs; mej khwwj j wF Vwgj; j qfi sj; j fti kj Jf; nfhz L> cahp; gpi offpdwd. , t;thW kdj hfs; fhyj JfF vwwthW gy kpyyad; Mz Lfshfj; j qfi sj; j fti kj Jf; nfhz L ghz hk tshrrp mi lej ssdh?.

kdj , dk; khWj y; mi lej> xU Nkkgl; fl; j j j Nehffp tshrrp mi l tNj ghz hkk; MFk; j wfh y kdj d; vggg ghz hk tshrrp mi lej hd; vd; ghhgNghk;

1. epkhej epi y kwWk; , U fhyfi sg; gadgLj j p el ggJ.
2. nghUs; fi s , Wfg; gwWtj wF trj pahff; fl; l tpyy; Vwgl; khwwqfs;
3. %i sapd; tshrrp
fpoF Mgghpf;fhty;UeJ , l kngahej N` hNkh Nrggpad;] ; cyfid; nttNtW gFj pfsy; FbNawpdhfs; mthfs; thoej #oYfFj; j ffgb mthfspd; thofi f Ki w khWgl; J. thOkp j j pd; thdpi y> fhyepi y kwWk; , ayG Mfpatwmpd; mggi lapy; mthfspd; c l yi kgGk; Nj hy; epwKk; NtWgl; d. , j dhy; nttNtW , dqfs; Nj hdwmpd. xt nthU , dKk; toj Nj hdwyfi s c UthffpaJ. kffsnj hi f mj pfh j j J.

kdj hfs k; mthfsJ thotpl qfS k;

1. M] l uNyhggi pf] ; - fpoF Mgghpf;fh
2. N` hNkh n` gpyy] ; - nj d; Mgghpf;fh
3. N` hNkh vuf]] ; - Mgghpf;fh kwWk; Mrpah
4. epahz l hj hy; - ANuhrpah (l Nuhggh kwWk; Mrpah)
5. FNuh-kf;dhc] ; - gphd;] ;
6. gffpq; kdj d; - rBh
7. NwhNkh Nrggpad;] ; - Mgghpf;fh
8. i` l yghf; kdj d; - yz l d;

Ntli lahLj Yk; cz i tr; Nrfhj j Yk;

gy kpyyadfs; Mz LfS fF Kddhy> ek; KdNdhhfs; mi yeJ
j hgtfshfNt , Uej hhfs; mthfs; FOfshf kuk> Fi f myyJ
ki yabthuj j iy; j qfjdhfs; xtnthU FOfYk; 30 Kj y; 40 Ngh; , Uej hhfs;

Ntli lahLk; Ki wfs;

1. FOfhr; nrdW Ntli lahj y;

2. Fop Nj hz b> mj iy; tpyqFfi sr; rpf; i tj J Ntli lahLj y;

mthfs; cz i tj; Nj b efheJnfhz NI , Uej hhfs; gdw> khd>
fhl ni Ui k> fhz l hkiUfk> ahi d> fub Nghdw tpyqFfi s Ntli lahbdhhfs;
Gyp Nghdw tpyqFfshy; nfhyggil tpyqFfspd; , i wrpi aAk; mthfs;
gadgLj j pdhhfs; kb; gbf;fTk; mthfs; fwWf; nfhz l hhfs;

Nj d; vLggJ> gok; gwggJ> fpoqFfi s mfoenj LggJ MfpatwvYk;
<Lgl; hhfs; fhLfs;ypUeJ j hdpqfi sr; Nrfhj j hhfs; Xhpl j j iy; cz Tg;
nghUl fs; fpi lggJ epdWtp; l hy> mthfs; NtnwhU , ljj wFr; nrdwhhfs;
FshypUeJ j qfi s ghJfhj Jf; nfhs> gj ggLj j ggl; tpyqFfspd; Nj hyfs>
kuqfspd; fpi sfs> , i yfs; Mfpatwi w mthfs; mz pej hhfs; j qfspd;
cz Tj; Nj i ti a Ghj j p nraJ nfhs Ntli lahl Mukgj j dh;

fwfUt;fS k; MAj q;fS k;

Mj pfhyj j iy; Ntli lahLtJ j hd; kdj hfspd; Kj di kahd nj hoy; xU
Frrp myyJ fyyhy; xU ngha tpyq; ff; nfhytJ mthfS f;Ff; fbdkhf
, Uej J. vdNt \$uhd MAj qfi sg; gadgLj j KbntLj j hhfs;

MAj qfs; nraa rpf; Kf;f; fy; kpfTk; Vwwj hf , Uej J. mj d;
typi kAk; j hqFk; j wDNk , j wFf; fhuz k;

rpf; Kf;f; fwfi sj; Nj Ltj iy; gy kz p Neuqfi s mthfs;
nrytoj j hhfs; fwfspd; Jiz nfhz L \$hpa MAj qfi sr; nraJ Jld>
mtwi wg; gpbggj wF trj pahf kuf; i fggpfi sAk; nghUj j pdhhfs; nghpa
fwfi sf; nfhz L Nfhl hpf; sAk; c Uthf;f;pdh;

KdNdhhfs; Nfhl hpf; s kuk; ntl;Tk> kuf;fpi sfi s e;f;fTk>
FopNj hz l Tk> tpyqFfi s Ntli lahl Tk> tpyqFfspd; Nj hi y c hpf;fTk;
gadgLj j pdhhfs;

mthfs; neUggpd; gadghl; l f; fz l wpej hhfs; nj hl ffj j iy; kdj hf; s;
neUgi gAk> kpddi yAk; fz l gaej hhfs; kpddyhy; Nj hdwpa neUggpy; rpf;f;
fhl l tpyqFfs; , wej pUf;fyhk; mthfs; mej tpyqFfspd; , i wrpi a
cz l NghJ> mJ nkdi kahfTk; Ri tahfTk; , Uej pUf;fK;

, ej epfoT mthfi s neUgG gwv;f; \$Lj yhf mwpeJnfhs; J}z baJ.
kdj hf; s; neUgi g c Uthf;f; rpf;f; Kf;f;fyi yg; gadgLj j pdhhfs; mthfs;
fhl l tpyqFfspi kpUeJ j qfi sg; ghJfhj Jf; nfhsTk; ri k;f;fTk; , utiy;
xspi a c Uthf;f;fTk; neUgG gadgl; J. , tthW kdj hf; spd; thotiy; neUgG
, dwpai kahj , l j j g; gpbj j J.

kdj hf; spd; mLj j fz LgpbgG r;f;fuk; vdwhy; c df;f; t;pagghf , Uf;fK;
kdj hf; s; j qfs; GydwthYk; r;ej; i dahYk; mDgtj j hYk; c Uthf;f;pa r;wej
mwpt;pay; fz LgpbgGfs; iy; r;f;fuk; xdwhfK;

rf;fuk; fz LgpbffggLj y;

rf;fu cUthffk; kdj tuyhwwpy; xU Kj yj ukhd fz Lgpbggghff; fUj ggLfjwJ. ki yfspyUeJ fwfs; cUZL tUti jg; ghjj NghJ rffuj j cUthf;Ftj wfhd rpej i di a mthfs; ngwwUfffyhk;

ghi d nraj y;

kdj hfs; fspkz z py; ghi d nraaf; fwWfnfhz j hhs; rf;fuk; fz LgpbffggLj gwF ghi d nraati j vsj hffpaJ. mthfs; ghi di a neUggpy; RIL> mj wF cWj pi af; nfhLj j hhs; ghi dfs; kU gyNtW tz z qfs; GrgglL mo\$llggld. tz z r; rhaqfs; jhtuqfspd; Nthfs> , i yfs> kuggl j l fs; Mfpatwwpd; rhwwpyUeJ j ahpf;fgglld.

tuyhwWFF Kei ja fhyjj py; kdj hfs; Fi ffs py; trj j hhs; mthfs; mdwhl epfo;Tfi s Xtpaqfs py; rj j hjj hhs; ngUkghYk; tpyq;Ffspd; Xtpaq;fNs ti uagglld.

i ftpi dj j wdpd; nts;ggHLfs> kdj r; r%fj j pd; Kj y; fi y , J vdNw \$wyhk; nkhop Nj hdWtj wF Kddhy> kdj hfs; xypahfTk; mi rTfshfTk; j qfs; vz z qfi s nts;ggLj j pdhhs; ghi w Xtpaqfs py; mtwi wg; gj pT nraj hhs;

goq;fhyg; ghi w Xtpaqfs;

, ej pahpy; cSS gy ghi wfspYk; Fi ffs py; ehk; Xtpaq;fi sf; fhz KbAk; Xtpaqfs; flej fhyk; Fwj j rpy nraj pfi sj; nj htp;ffpdwd. 750 Fi ffs py; Vwj j ho 500 Fi ffs py; ghi w Xtpaqfs; fhz ggLf;pdwd. , d;DK; fz j waggLhj gy Fi ffs; cSSd. Mz fSk; ngz fSk; Ntl;ilahLti j Ak; eldkhLti j Ak; Foei j fs; tpi sahLti j Ak; , ej Xtpaqfs; rj j hpf;fpdwd.

, jji fa ghi w kwWk; Fi f xtpaqfs; ek; KdNdhhfs; Fwj j G; gy fi j fi s ekfFf; \$Wfpdwd.

Ntl;ilahLti j py; gy Mgj j fs; , Uej d. kdj hfs; ki yggFj pfs py; fhLfs py; ngUkST Ntl;ilay; <Lgl;jhy> gy ti fahd tpyq;Ffs; vz z pfi fapy; Fi weJ mhj hdi t Mfpd. kdj hfS fFg; NghJkhd , i wrp fpi l ffhj j hy> cz Tf;fhff; fhafi sAk; goq;fi sAk; Nj l Ntz baj hapwW.

mi yeJ j hpAk; epi yapyUeJ Xhpl j j py; epi yj j thOk; epi yi a mi l j y; cyfpd; Kj y; tptrhafs;

mthfs; j pdw goq;fspd; tpi j fSk; nfhli l fSk; kz z py; t;rgglld. rpy ehLfs fFg; gwF mej tpi j fs; Ki stplld. mwwpyUeJ nrb tshtij mthfs; j wnrayhff; fz j hhs; mDgtjj hYk; fhuz fhhpak; Fwj j mwpthYk; mthfs; gah; tshgG nj hl hghd mwpi tg; ngwwhhfs;

m) “xwi w tpi japyUeJ Ki sf;Fk; nrb tsheJ gy klq;Ffs; fhafi sAk; fdpfi sAk; toq;Fk; vdgj j mthfs; GhpeJ nfhz j hhs;

M) Mwwq;fi u epyq;fs py tpej tpi j fs; vsj hf Ki s tpl;il j Ak; kdj hfs; fz j hhs;

,) eh; epi wej gFj pfs py; nrbfs; tpi uthf tsUk; vdgJ mthfS fFg; Ghpej J.

< > tz l y; kz ;Z fFhpa epyk; kwwg; gFj pfi s tpi > nrb tshtj wF
vwwj hf , Uej i j f; fz l hhfS;

kdj hfs; tpi j fi sAk; nfhli l fi sAk; Nrfhj J > kz z py; tpi j j j dh;
mi t , sqfdwhfTK; nrbahfTK; kukhfTK; tshtij mthfs; fz l dh;
Ki wahf tpi j ggj d; %yk; mj pfsT cwgj j pi ag; ngw KbAk; vdgJk;
mthfS fFg; Ghpej J. , j d; %yk; tptrhak; vdgJ nrayghl LfF tej J. mthfs;
tPyqFfi sg; goffp mtwWfF cz T nfhLj J tshj J > mtwi wAk;
tptrhaj j py; <LgLj j pdhhfs;

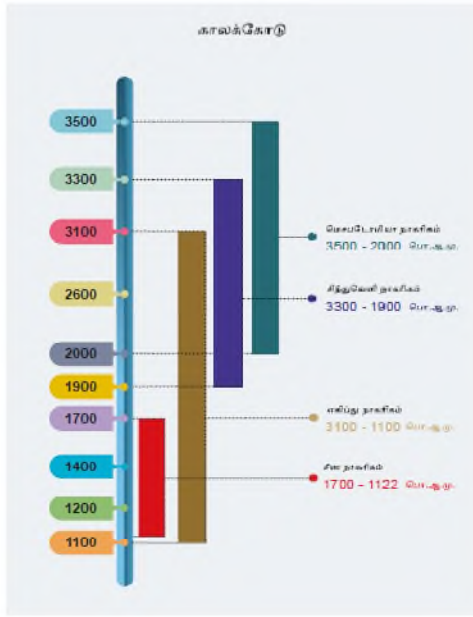
tPyqFfi s tshggJ kdj hfs pd; thotpy; Kffpakhd gfj p MdJ.
vUJfs; c Otj wFg; gadgLj j ggl d. vUJfs; tptrha Nti yfi s vsj hffpd.
Ntli lah thofi fi a elj j pai j tpi > , ej thofi f vsj hf , Uej J.
tptrhak; mthfi s xU Fwggj l , l j j py; FbNaWk gb nraj J. epi yj J thOk;
thofi f Ki wahy; ri kggj wFk; NrkJ J i tggj wFk; nfhsfyd;fs;
Nji tggj l d. ghi d nraAk; rffuKk; neUgGk; , ej g; gurri dfFj; j hi t
toqf pd.

fygi g fz Lg b f f g g l j hy; tptrhak; , dDk; vsj hdJ. kdj hfs;
epyj j py; , Uej Nji taww Gj hfi s mfwwp mtwi w vhj J epyj j j j; jahh;
gLj j paJ l d; tptrhaggz p nj hl qfpaJ. mthfs; epyj j c OJ > tpi j j J > gah;
tshj J > mWtil nraj hhfS; mej epyj j py; kz ; tsk; Fdwptpl l hy > mthfs;
NtnwhU gFj p f F , l k; ngahej hhfS; nj hl ffj j py; tptrhak; kdj hfs pd; c l db
cz Tj; Nji ti a epi wNtwWtj wfhf Nkwnfhssggj l J. cwgj j p
mj pfhj j NghJ > mthfs; j qfsJ vj h fhyj; Nji tffhf tpi snghUl fi sr;
NrkJ J i tff nj hl qf pd h hfS; , tthW Nrkp f f g g l j nghUl fs; cwgj j p Fi wej
fhyj j py; mthfS fF c j tpd. mthfs; j qfs; mDgtj j hy; MwWfF mUfpy;
css epyk; tptrhaj J fFk; fhyei l tshgGfFk; gaDssj hf , UfFk; vdgj j g;
GhpeJnfhz l hhfS; vdNt kdj hfs; Mwwqfi ufs pNyNa epi yahfj; j qf
KbntLj j hhfS;

kdj hfs; Ntli lahLti j vsj hffFtj wFg; gy topfi sr; rj j j j hhfS;
gpw tPyqFfi s Nkhggk; g b f Fk; Mwwi y ehafs; ngwwpUggi j Ak; tPyqFfi sj;
j qfs; vyi yfFs; mDkj pffhky; Juj Jti j Ak; mthfs; fz l wpej hhfS; vdNt
j hqfs; Ntli lahLkNghJ eha; c j tpa hf , Uff KbAk; vdgj j Ak; kdj hfs;
cz hej hhfS; , j d; %yk; eha; kdj hfs hy; goffggLj j ggl l Kj y; tPyqF
MdJ. ehAl d > Nfhop ML > gR Nghdwtwi wAk; mthfs; tshff Mukggj j hhfS;

kdj hfs; neLqfhykhfr; rkntspfsy; j qf pd h hfS; , ej f; fhyfl j j j py;
mthfs; tptrhaj j j f; fwWfnfhz l J l d > i f tpi df; fi yfS f fhd
j p w d fi sAk; tshj J f; nfhz l hhfS; Xhpl j j py; FbNawp epej ukhfj; j qFk;
thofi fKi w cwgj j pi ag; ngUffpaJ. , gNghJ mthfSpl k; Nji ti a tpi
mj p f kh d mstpy; j h d pa qfs; , Uej d. mthfs; \$Lj y; j h d pa qfi sg; gpw
FOffSpl k; ghk h w w k; nraJ > j qfS fFj; Nji tahdtwi wg; ngwWfnfhz l hhfS;
, J gz l kww Ki w vd mi offggLfwJ. , tthW tz p f Kk; thj j f Kk; tsheJ
efuqfS k; ngUefuqfS k; Nj hdw pd.

myF- 3
rpeJ ntsj ehfhpfk;



nj hl ffj j py; kdj hfs; FOfshf thoej hfs; mfFOffsy; , UeJ
rKj haqfs; c Uthfpd. gpd; mi t r%qfshf tsheJ fhygNghffiy;
ehfhpfqfshapd.

kf;fs; Vd; ej pfi uay; FbNawdhhs?

kdj hfs; j qfs; FbNawwqfshf ej pf; fi ufi sf; fbffz l fhuz qfS f;fhfj ;
Nj henj Lj j hhs;

- tskhd kz ;
- MWfsy; ghAk; eddh; Fbgj wFk; fhyei l fspd; Nj i t fS f;Fk
ehghrdj j wFk; gadgl l d.
- NghfFtj ;J fF Vww tofshf , UeJ d.

ugg - Gi j Az l efuk;

ugg efuj j pd; , bghLfi s Kj d; Kj py; rhhy] ; Nkrd; vdw
MqfNyah; j kJ E}py; tpthj j hh; mth; fpo;fpej pa fknqdpay; gz pGhej
gi l tUk> MuharrpahsUK; Mthh; mth; j wNghJ ghfj] j hdp; c ss , ej phtpd;
t l NkwF gFj pay; ghhi tapl l NghJ rpy nrqfy; j pl Lfs; , Uggi j f; fz l hh;

“mej ghoi lej nrqfwNfhl i l c aukhd RthfS l Dk> NfhGuqfS l Dk;
xU ki y kU fl l ggl LssJ” vdf; Fwggpl l hh; , J j hd; ` ugg , UeJ j wfhd
Kj y; tuyhwW Mj huk;

1856-y; nghwpahshfs; yh\$hy; , UeJ fuhrpfF , uay; ghi j mi kf;Fk;
nghUl L epyj i j j; Njhz ba nghOJ mj pfkhd Rl l nrqfwfs; fz l waggpl l d.
mthfs; mtwwd; Kffpaj ;J tj i j c z uhky; mtwi w , uay; ghi j fF , i l ay;
Nghl ggLk; fwfS f;Fg; gj pyhf gadgl j j pdh;

ehfhpfk; vdw thhji j gz i l a yj j d; nkhop thhji j ahd 'rpt] '(Civis)
vdgj pyUeJ tej J. , j d; nghUS; 'efuk' MFk;

1920 y; nj hyngU; Mathshfs; ` uggh kwWk; nkh` Qr-j hNuh efuqfi s mfoha;T nraa Mukggjjhh; mgngghOJ elz l ehs; ki weJ fpl ej efuj j pd; vQrpa gFj pfi s cyfjd; ghhi tfF nfhz L tej hhfs; 1924-y; , ej pa nj hyngU; Ma;Tj; Ji wad; , af;Feh; [hd; kh;~y; ` uggh;pw;Fk> nkh` Qr-j hNuht;pw;Fk; , i l Na nghJ thd mkrqfs; , Uggi j f; fz l wpej hh; mi t , uz l NK xU nghpa ehfhpfj i j rhhej nttNtW gFj pfs; vdw KbTf;F tej hh;

` uggh;tp;Yk> nkh` Qrj hNuht;Yk; fz l g;bf;fggl Lss kl ghz l q;f;S f;f;pi l Na rpwpa msT NtWghL , Uggi j Muharr;pahshfs; fz l wpej dh; vdNt> ` uggh ehfhpfk; nkh` Qr-j hNuhi t tpl goi kahdJ vd KbTf;F tUf;pdwdh;

nj hyypayshfs; vt;thW Gi j Az l efuj j f; fz l g;bf;f;whhfs?

- mfothuharr;pahshfs; nrqfwfs> fwfs> cilej ghi d XLfs; Nghdwtwi w Muhae;J mi t gadgLj j ggl l fhyj i j mwpe;J nfhs;f;whhfs;
- gz i l a , yff;pa Mj huqfi sg; gadgLj ;J f;pdwdh;
- thd; top Gi fggL qfs; %yk; Gi j Az l efuqfs; kwWk; , l q;f;sp; Nkwgugi gf; fz l wpe;J nfhs;f;whhfs;
- epj j bi a Ma;T nraa fhej gGy tUbi a (Magnetic scanner) gadgLj ;J f;pdwdh;
- vQrpa nj hyngU l fs; Gi j Az l , Uf;f;pdwdth , yi yah vdgi j Nuhi hh; fUtp %yk; mwpa KbAk; (nj hi y Ez ;Z h;T ki w)

, ej pa nj hyypay; Ji w -ASI (Archaeological Survey of India).

- 1861 Mk; Mz l mnyf;] hz l h; fddq;` hk; vdw epj msi tahsh; c j t;Al d; ep;WtggL l J.
- , j d; j i yi kafk; GJ j ;ypay; c ssJ.

fhyt ti uai w:

Gtp vyi y- nj wF Mrpah
fhyggFj p - ntz ;fyf;fhyk;
fhyk; - ngh.M.K. 3300 - 1900
(fj ;paf;f; fhgd; taJ f; fz ;gG Ki w %yk; KbT nraaggl l J)
gugG - 13 ylrk; rJu f;pkP
efuqfs; - 6 nghpa efuqfs;
f;uhkqfs; - 200 f;Fk; Nkwgl l i t

ntz ;fyf; fhyk;

kffs; ntz ;fyj j hyhd nghUl ;fi sg; gadgLj j pa fhyk; MFk;

efu ehfhpfk;

` uggh ehfhpfk; xU efu ehfhpfk; vdyhk; mj w;fhd fhuz qfs;

- rpwgghd efuj ; j pl l kpl y;
- rpwgghd fl bl f;fi y Nti ygghL
- J}ai kf;Fk> nghJ Rfhj huj j ;w;Fk; nfhl;f;fggl l mj pf Kd;Dhpi k
- j uggLj j ggl l vi l fs; kwWk; ms tLfs;
- t;trha kwWk; i f;tpi dj ; nj hopy;f;S f;fhd j pl khd mbj j sk;

` uggh ehfhpfj j pd; j dij ; j di k:

rpe;Jnts; ehfhpfj j pd; rpwggkrNk j pl l kpl l efu mi kgG MFk; efuk; j pl l kpl ggl l , uz l gFj p;f;shf , Uej J.

nkn` hf; - rpeJ ntsp ehfhfj ;JfF KdNdhb:

nkn` hf; Gjja fwhfhy kffs; thoej XH , lk; MFk; , J ghfp] jhd; ehl by; gYrrp] jhd; khepyj j py; Nghyd; MwWg; gssjj hf;fy; mi keJssJ. , J njhl ff fhy kdj hf; thoej j hff; fz ;l wagg] , l qfSs; xdW. kffs; Ntshz ; kapYk> fhyei l tshggpYk; <Lgl ;j wfhd rhdW , qF fpi l j ;JssJ. ngh.M.K. 7000-l xlba fhyjj pNyNa nkn` hfhy; ehfhfj ;JfF Kei ja thofi f epytpaj wfhd nj hyypay; rhdWfs; fz Lgpbffgg] Lssd.

nj Uffs k; tLfs k;

- nj Uffs; rll f tbt i kgi g nfhz bUej d.
- nj Uffs; Neuhf mi kffgg] bUej d. mi t tlf;F nj wfhfTk> fppfF NkwfhfTk; nrdwd. xdi w xdW nrqNfhz j j py; ntlbf; nfhsS k; gbAk; , Uej d.
- rhi yfs; mfykhfTk; ti sthd Ki dfi sf; nfhz ;j hfTk; , Uej d.
- tLfs> nj Uffspd; , U Xuqfs;Yk; rlfh mi kffgg] bUej d. tLfs; xdW myyJ , uz L khb mLf;Ffi s ci l adthf fhz ggLf;pdwd.
- ngUkghyhd tLfs; gy mi wfi sAk; xU Kwwj ; j Ak> xU f;z wi wAk; nfhz bUej d. xtnthU tll bYk; fojti wAk>Fspayi wAk; , Uej pUff;pdwd.
- tLfs; fl ;l nrqfwfshYk; Rz z hkGf; fyi tahYk; fl ;l gg] bUej d. #hpa ntggj j py; cyu i tffgg] nrqfwfS k; gadgLj j gg] d. ngUkghyhd nrqfwfs; rlfhd mSTfs; ci l aj hfNt , Uej d. \$i ufs; rkj skhf , Uej d.
- muz ki dFNsh> toghl Lj ; j yqfNsh , Uej i j j hkhdpfff; \$ba Mj huqfs; vJTk; fpi l fftyi y.

fl ;l qfs; fl ;l tj wF Vd; Rl ;l nrqfwfs; gadgLj j ggLf;pdwd?
Vnddwhy> mi t tYthdi t> fbdkhd i t> epi yj ;J epfff; \$bai t> neUgi gf; \$l j hqFgi t> NKYk> mi t eh;pdhy; fi utj pyi y.

fojT eh; mi kgG:

- Vwj j ho vyyh efuqfs;Yk; %l gg] fojT eh; tbfhy; mi kgG , Uej J. tbfhyfs; nrqfwfi sf; nfhz Lk; fyj li l fi sf; nfhz Lk; %l gg] bUej d.
- tbfhy; fojT eh; Nj qfhky; nryy trj pahf Nyrhd nkd; rpi tf; nfhz bUej J. fojTg; nghUl fi s mgGwggLj ;J tj wfhd Ji sfS k; rhpahd , i l ntspay; mi kffgg] bUej d.
- tll bypUeJ fojTeh; gy nj Uffspd; fb; mi kffgg] bUej Fohafs; %ykhf Kff;pa tbfhyfi sr; nrdwi l AkhW mi kffgg] bUeJ.
- xtnthU tll bYk; j pl f; fojTfi sj ; Nj f;Ftj wfhd Fofps; , Uej d. mi t j pl f;fojTfi sj ; Nj f;f; fojT eh u kl Lk; ntsp;Nawwpd.

ngUqFsk;

- , ej ngUqFskhdJ edF mfdW> nrttf tbtjjjy; mi kej Uej ehj Nj ffk; MFk; , J efhd; eLty; mi kffggLSSJ. eh; frpahj flLkhdj J fhd kpf; goi kahd rhdW vdyhk;
- , fFsjjpd; Rthfs; Rl l nrqfwfshy; fl l ggl l > eh; frpahky; , Uggj wfhf RthYk> j sjj jYk; gy mLfFfs; , awi fj j hh; nfhz l Grggl bUej J.
- t l Gwj j jYUeJ k> nj dGwj j jYUeJ Fsjj wFr; nryy gbffl Lfs; mi kffggLSSd. Fsjj pd; gffhtl by; %dW GwKk; mi wfs; c ssd.
- mUfjy; , Uej f z wpy; , UeJ eh; , i wffggL ngUqFsjj jY; t l ggl l J. c gNahfggl j j ggl l eh; ntsNawTk; ti f nraaggl bUej J.

j hdpaf; fsQrpak;

- j hdpaf; fsQrpak; - nrqfwfshy; mbj j skpl ggl l > nghpa> cWj pahd fl l mi kgG.
- , i t j hdpaf; sr; Nrfhj J i tggj wfhf; gadgLj j ggl l d.
- j s ntbGfspy; NfhJi k> ghhy> j pi dti ffs> vs; kwWk; gUgG ti ffspd; krrqfs; rj wff; fhz ggl l d.

nrqfwfshy; fl l ggl l Rthfi sf; nfhz l j hdpaf; fsQrpak; xdW ` hpadh khepyj j jY; c ss uhffhfjpy; fz Lglof;ggL SSJ. , J Kj thrrpai l ej ` ugg fhj j j r; rhhej J.

khngUk; fl l l qfs;

nkh ` Qr-j hNuhty; , Uej , dndhU kpfngghpa nghJf; fl l l k> \$l l muqF MFk;

, J 20 J jz fs; 4 thpi rfi s nfhz l gueJ thpej \$l k; MFk;

tz pfk; kwWk; Nghf;Ftuj J

- ` ugg kffs; ngUk; tz pfhfshf , Uej hffs;
- j uggLj j ggl l vi l fs; kwWk; msi tfs; mthfshy; gadgLj j ggl l d. nghUl fspd; eSj j j mstpl > mSTfs; Fwff;ggL Frrpfi sg; gadgLj j pdhffs;
- mthfs; rffu tz fi sg; gadgLj j pdh. Muffhy; , yyhj > j pl khd rffuqfi sg; gadgLj j pdh;

- nkrGNI hgrahTId; thpthd fly; tz pfk; ei lngwvUffpwJ. rpeJ ntsp Kjjpi ufs; j wfh y <uhf> Fi tj; kwWk; rhpah Mfpa gFj pfi s FwffFK; gzila nkrGNI hkpahtpy; css RNkh; gFj pfsy; fpi l j JssJ. , i j c Wj pggLj J fpwJ.
- RNkhpahtpd; mf;fhba NguurpwFlgl;l murd; ehuk; - rpd; vdgth; rpeJ ntspg; gFj papYss nkYf;fh vd;Dk; , l j j py; , UeJ mz pfyd; thqf;pa j hff; FwpgG vOj pAsshh;
- ghurif ti sFlh kwWk; nkrGNI hkpahtpy; fz Lgpbffggll i j g; NghdW cUi s tbt Kjjpi ufs; rpeJ ntspggFj papYk; fhz ggLfpdwd.
- , J , ej , U gFj pfsPYk; tz pfk; el j i j f; fh l ;L fpwJ.
- j wfh y F[uhj j pYss Nyh j ypy; fggy; fl Lk; kwWk; nrggdLk; j sk; xdW fz Lgpbffggll LssJ. , J mthfs; Nkwnfhz ; fl y; tz pfj i j c Wj pggLj J fpwJ.

fggy; fl Lk; j sk; - Nyh j y;

- Nyh j y; vd;Dk; , l k; F[uhj j py; rghkj p Mwwpd; xU Ji z Mwwpd; fi uapy; mi keJ ssJ.

nkhfQr-j hNuh - j i yth;

- mkhej epi yapy; css Xh; Mz; rpi y nkhfQrj hNuhtpy; css xU fl bl j j py; , UeJ fz Lgpbffggll LssJ.
- mJ newwpapYk; xU j i yggl i l Al Dk; tyJ i f NkygFj papYk; xU rmpa mz pfyDI Dk; fhz ggLfpwJ.
- mj d; j i y KbAk> j hbAk; edwhf xOqFgLj j ggl L fhz ggLfpwJ.
- fhJ fspd; fb; fhz ggLk; , U Ji sfs> j i yapy; mz paggLk; mz pfyi df; fhJ ti u , i z ff VwgLj j ggl bUff;fyhk;
- , l J Nj hs; GffshYk> ti saqfshYk; myqfhpffggll xU Nkyqf;pahy; %l ggl ;LssJ.
- , J NghdW tbtikgG mggFj papy; css kffshy; gadgLj j ggl tJ , dwsTk; Fwpgpl j j ffJ.

nj hoy; El gk;

- rpeJ ntsp ehfhpf kffs; j uggLj j ggl ;l vi l fs; kwWk; mstLfi s c Uthf;fpdh;

- F [uhj; khepyj j py; fz Lgpbffggll; j ejjj pdhyhd msTNfhy; 1704 kpkP ti u rmpa mstLfi sf; nfhz LssJ. (mj d; rkfhyj ja ehfhf qfspy; fz Lgpbffggll; msTNfhy; fsy; , J jhd; kpr; rmpa ghT MFk)

kdj hfshy; Kj d; Kj ypy; fz L gpbffggll; kwWk; c gNahfggll j ggl; c Nyhfk; - nrkG.

nkhn` Qr-j hNuhtpy; ntz :fyj j py; Md , ej rmpa ngz; rpi y fpi ljjJ. 'el d khJ' vdW Fwggll ggLfwp , ej r; rpi yi ag; ghjj rh; [hd; khh~ y; "Kj ypy; , ej r; rpi yi a ehd; ghjj nghOJ , J tuyhwwwF Kei ja fhyj j pd; c Uthff Ki wi ar; rhhej J vdW ekGtj wFF; fbdkhf , Uej J. Vnddpy; , J NghdW c Uthffk; gzila kffS fF fNuff fhyk; ti u nj hpatyi y. , it Vwj j ho 3000 Mz LfS fF Kwgl; j hf , Uffyhk; vd epi dj Nj d; , rpi yfs; mffhy fl; j JfF c hraj hfNt , Uej d" vdwhh;

Nf.tpb (nfhwi f - tQrp - njhz b) tshfk; ghf] j hdy; , dWk; nfhwi f> tQrp njhz b> kj i u> ci w> \$lyfh; vdw ngah; nfhz l , lqfs; cssd. nfhwi f> GkGfhh; Nghdw rqf fhy efuqfs; kwWk; Ji wKf qfspd; ngahfSl d; css , lqfs; Mgfhd] j hdy; cssd. Mgfhd] j hdy; css MWfshd fhtph nghUz; ; kwWk; ghf] j hdy; css MWfshd fhtph thyh kwWk; nghUi d Mfpa ngahfs; j kpr; nrhwi s KOi kahfg; guj pyf; f pdwd.

rpeJntsp ehfhf j j pd; ki wej nghf; f~ qfi sg; gwwp c dfFj; nj hAkh?

goqfhy vOj; Jffi sg; gbgg d; %yk; mffhy ehfhf j j j ehk; mwpeJnfhssyhk; Mdhy; rpeJntsp vOj; Jfi s , dW ti u ekkhy; Ghe; J nfhss Kbatyi y. vdNt> rpeJntsp kffspd; thofi f Ki wi a mwptj wF NtW Vj htJ rhdWfi sNa ehk; Nehff Ntz ba c ssJ.

c i l :

- nghJ thf gUj j p Mi l fNs gadghl by; , Uej d.
- mqf fz Lgpbffggll; Eji yr; Rwwp i tggj wfhd Roy; mrRffs; %yk; mthfs; E}w; fTk; nraj pUff; pdwdh; vdW nj hpfwJ.
- fkgsp Mi l fS k; c gNahfggll j ggl; d.

mdGk; mi kj pAk;

- FbapUgGfs; j i ukl; j j pyUej edF c ahj j ggl; j sqfspy; fl; j ggl; bUej d.
- rpeJntsp kffs; mi kj pahd thofi f thoej pUgg hfNt Nj hdWfwpJ. Vnddwhy; mthfspi k; gi l , Uej j wfhd vej Mj huKk; , yi y. NKYk; rpy MAj qfs; kl; Lnk mqf; Uej fpi l j; Jssd.
- mthfs; j qfspd; Nkkgll; epi yi a mthfSila Mi l fs> tpi ykj pggww ei ffs; kwWk; Nkkgll; efu thofi f %yk; nts; pggll j pdh;

mz pfydfs;

- Mz > ngz ; , UghyUk; Mguz qfi sf tUk; gp mz pej pUff; pdwdh;
- fOj j z pfs> i faz pfs> ti sayfs> Nkhj puqfs> fhj z pfs; kwWk; fhyz pfs; Kj ypatwi wAk; mz pej dh; j qfk> ntssp j ej k> rqf> nrkG> RLkz ; kwWk; tpi yAahej fwfshy; mz pfydfs; nraaggl; bUej d.

rpeJntsp kffs fF , Ukgpd; gad; gwwp nj hpahJ

rpeJntsp kffs; Mguz k; nraa rptgG epw kz pf;fw;fi sg; (Carnelian)
gadgLjj pdh;

mathfi s ehtfj j J ahh?

- efufj; j pl i kpl i y ehtf;f;fTk> tz pfj i j NkkgLj j Tk> efuj j py; mi kj pi a epi yehl i Tk> tbfhy; mi kgi gg; guhkh;f;fTk> Xh; mj pfhu i kak; , UeJ , Uf;f Ntz i k; vdW tuyhwwhrhpah;fs; ekGf;pdwdh;

nj hopy;

- rpeJntsp kffs;pd; Kj di kahd nj hopy; gwwp vJTk; nj hp;at;pyi y vdpDk; Ntshz i k> i ftpi dg; nghUl;fs; nraj y> ghi d ti dj y> mz pfy;df;fs; nraj y; Nghdwtwwpy; <Lgl i dh; vd nj hpf;pwJ.
- mq;F thj j fh;fs> tz pf;h;fs; kwWk; i ftpi dQh;f;S k; , Ue;J;ssdh;
- fh;yei l tshgGk; math;fs;J nj hopy;hf , Ue;J.
- math;fs; rffuj j pd; gai dAk; mwpej pUe;J dh;

kl ghz i qfs;

- kl ghz i qfi sr; rffuq;fs; nfhz i c Uth;f;f;pdh; mi t j bay;pl Lr; Rl ggl i d.
- kl ghz i qfs; rptgG tz z j j py; , Ue;J d. mj py; fUg;G tz z j j py; mof;pa Nti ygghLfi sr; nraj dh;
- mq;F fpi ljj c i lej ghi dj; Jz i fs; tpyq;F;fs;pd; c Utq;f;S i Dk> tbt;pay; tbt; kgG;f;S i Dk; fhz ggL;f;pdwd.

rka ekp;fi f;

- rpeJntsp kffs;pd; toghL kwWk; math;fs;pd; kj ei i Ki wfs; gwwp mwpa vej Xh; Mj huKk; fpi l ff tpyi y.
- mq;F fpi l f;fgngww ngz ; rpi yfs; %yk; rpe;J ntsp kffs;pi i Na j ha; nj a;t toghL , Ue;J pUf;f;yhk; vdj ; nj hpf;pwJ.

fi yj j pd;

ngyki k tz b;fs> ji yi aAk; fh;f;fi sAk; mi rff;f;\$ba gRngyki kfs> f;skz ; ge;J;fs> rpwpa ngyki kfs> rpwpa f;skz ; Fuq;F> RLkz ; ngyki kfs> nfhl i l fi sf; nfhw;pf;Fk; mz py; ngyki kfs> kz z hy; Md eh;af;fs> el dkhLk; Mz ; ngyki k Nghdwi tAk; fpi l j ;J;ssd.

RLkz z hy; nraaggl i gyNtW ti fahd ngyki kfs; kffs;pd; tpi sahl i kwWk; nghOJ Ngh;f;F Mht; j i j f; fhl i L;f;pwJ.

` uggh eh;f;h;f;f; j pw;F el ej J vdd?

ngi.M.K 1900 Mk; Mz by; ` uggh eh;f;h;f;f;f; rhpaj ; nj hl q;f;paJ. mj w;F;f; f;f;f;f;f; i t fhuz q;f;shf mi kej pUf;f;yhk;

Mwwpd; fi uay; c ss mj d; efuq;f;sp; mb;f;fb Vwgl i ntssngU;f;F.

- Rwwr#oy; khwwk;
- gi l naLgG
- , awi fr; rwwqfs;
- fhyepi y khwwk;
- fhLfs; mojj y;
- nj hwW Nehaj; j hfFj y;

Kj y; vOj J tbt k; RNkhpahfshy; c Uthffggll J.

re;J ntsj ehfhpfk; - nghJ thd c z j kfs;

- c yfjd; kpfggoi kahd ehfhpfqfsj; xdW.
- goi kahd ehd;F ehfhpfqfsj; nghpa guggsT nfhz j J.
- c yfjd; Kj y; j pl j kpl ggl j efuqfs;
- Nkkgll Rfhj huk; kwWk; tbfhy; mi kgG
- Rj j k; kwWk; Rfhj huk; gwmpa c z h;T NkNyhgfpajUej J.

nkh` Qr-j hNuhtj; nj hyngHUS; Muharr ei lngWk; , l k;
c yfg; ghukghaj; j skhf And] Nfh mi kgghy;
Nj henj Lffggll LssJ.

fj hpaff fhgd; taJ ffz gg Ki w - nj hyypay; MathshfS fhhd
j uggLj j ggl j Ki w
fhgdjd; fj hpaff l Nrhlhg; Md fhgd; 14 l g; gadgLj j p xU nghUspd;
tai j mwAk; Ki w fj hpaff fhgd; Ki w myyJ fhgd; 14 Ki w vdW
mi of;fggLfWJ.

c yfk; meehsj;

ngH.M.K 2500 y; F/G kdddhy; Rz z hkGf; fyyhy;
fl j ggl j fNr gupkL. (xtnthdWk; 15 l d; vi l ci l aJ).

nkrGNI hkpah (RNkhpah; fhyk) Ch; ekK vdw murdhhy; rpd;
vdw rej ju fl TS fF fl j ggl j Ch; [pfu];

mG rpkgy; - vfgj murd; , uz j hk; uhknp]; vdgthuhy;
fl j ggl j , ul j l f; Nfhayfs; c ss , l k;

9th tuihW
myF 1

kdj g; ghz hk tshrrpAk; r%fKk; tuihwWfF Kei ja fhyk;

mwpKfk;

. ehk; j fty; nj horyEl g fhyj j py; thofpNwhk; mi yNgrpfshy; , dW cyfk; czi kapNyNa ekJ tuiy; Edpary; , UffpwJ. , dW ekkpk; , UffK; mi djJ mwpTj; j pul rPAk; j pBnudW Nj hdwptl tpyi y. , ej etld thotpwfhd mbj j sk; nj hygoqfhyj j py; , lggll> ekJ KdNdhhfspd; mwpthwwyhy; nj hl heJ NkkgLj j ggl l j hFk;

nj hygoqfhy kffs; khDIg; gi lggghwwypd; KdNdhbfs; mthfs; cUthf fpa nranghUI fs> nkhojfs; Mfpatwmpd; topahf mthfs; kpfTK; mwpthhej thfshf , Uej pUffpwwhhfs; vdgi j mwpa KbfpwJ.

Gtpard; Nj hwwKk; epytjay fhyfl l qfS k;

. kdj hfspd; tuihwi wg; Gtpard; tuihwwypUeJ ghpfKbahJ. Gtpard; NkyLfffsy; tuihwWf; fhyfl l qfs; Fwjj epytjay> nj hyypay> c ahpay; gj pTfs; nghj p eJ fpl ffdwd. Gtp kwWk; gyNtW c ahpdqfspd; tuihwi w mwpTj wF , rrdWfs; kpf Kffakhdi tahFk; , t tLfffsy; kdj %j hi j ahfspd; vYkGfspd; Gi j gbtqfs; (Fossil bones) Gi jeJssd.

. nj hykhDI tpay; mwpOhfS k; (Paleoanthropologists) nj hyypay; mwpOhfS k; Gtpard; kz; kwWk; ghi w mLfFfi s mfoeJ> kdj %j hi j ahfs; Fwjj rhdWf i sr; Nrfhpf ffdwhhfs; kdj hfspd; ghz hkk> nj hygoqfhyk; Mfpatwmpd; gyNtW fhy fl l qfi s mwpa , eJg; Gi j gbtqfs; kwWk; kz z Lfffspd; fhyk; mwpTjay; Ghtkhf fz pffggLfwJ. Nrfhpf fggLk; , rrdWfspd; topahf kdj tuihwwpd; ghz hk tshrrp epi yfs; kwWk; mtwmpd; fhyfl l k; Mfpatwi wg; GhpeJ nfhs Kayf f dwdh.

. nj hyypay; (Archaeology) nj hynghUsfi s MuhaeJ> tpsffkspgg d; topahf kdj hfspd; fl eJ fhyk; Fwjj J MuhAk; , ay; MFk;

nj hykhDI tpay; (Paleoanthropology):

. kdj hfspd; %j hi j ahfspd; clyi kgG kwWk; mthfsJ ghz hk tshrrp Fwjj J MaeJ mwpeJ nfhsS k; , ay; MFk;

. Gtp Rkhh; 4.54 gpyypad; Mz lFS fF Kd; cUthdj hff; fUj ggLfwJ. fhygNghf fpy> c ahfs; Nj hdWtj wfhd epi y gbggbahf cUthdJ. jhtu kwWk; tpyqFfspd; Nj hwwj i j j; nj hl heJ kdj c ahfs; Nj hdWtj wfhd mbj j sk; , lggllJ. Gtpard; eZ l neba tuihwi w epytjay; Mathshfs; neLqfhyk; (Era), fhyk; (period), Cop (Epoch) vdW ghpf f pwhhfs;

xU gpyypad; = 100 Nfhb

1 kpyypad; = 10 ylrk;

M] luhNyhgj j pi] dfs; vdW Fuqf pdj j pyUeJ jhd; etld kdj , dk; Nj hdwpaJ. , dW mopeJ Ngha: t pl , eJ M] luhNyhgj j pi] d; , dk; kdj DfF kpf neUqfpa cwTi la , dkhFk;

c yf; Nj hwwk; kwWk; fl ej fhy Fwj j kdj hfs; Ma;T; C ff; fhyk;

. , gGt; c yfk; kwWk; Nguz ;k; Fwj ; Ghpe;JnfhsTk> mi j f; Fwj j mwpi tr; Nrfhj ; tpsffTk; Kawrp nraAk; xNu c ahpdk; khDI , dk; kl;Lk; jhd; ghz hk tshrrg; Nghff; kdj hfs; cz hj y; epi yi aAk; mwpt hwi yAk; nfz ; thfshf khwpdhhfs; mthfs; , awi f> j ki kr; RwwpAss c ahpdqfs; kwWk; c yfk; Fwj ;r; rpej pffTk> Nfs;t; vOggTk; nj hl qf;pdh; Kj y; mthfs; , awi fi af; fl Tshff; fUj pdhhfs; #hp> rej ;ud; Kj yhd gy , awi f Mwwyfs; Fwj ;J; j kJ Ra Ghj yfi s c Uthff; togli dh; mtwwy; rpy mwpt;Ghtkhdi t> rka , yff;aqfs;Yk; c yf; Nj hwwk; Fwj j mwpt; mwp; Nghj hi k nts;ggLf;wJ.

ng.h.M.K (BCR) □ ng.hJ Mz ;Lf; Kd; (Before c ommon Era)

ng.h.M. (CE) □ ng.hJ mz ;L (c ommon Era)

. tuyhW vOjtJ gz ;la f;Nuffhfs; fhyj ;y; nj hl qf;vdW nrhy;hk; f;Nuff;j;pd; n` NuhNI hl] ; (f;K. (ng.h.M.K) 484 □ 425) tuyhwwpd; j eij vdW fUj ggLf;whh; Vnddy> mth; vOj ;a tuyhW kdj ;j di kAl Dk> gFjj w;Tl Dk; fhz ggLf;wJ. kdj hfs; Nj hwwk; Fwj j mwpt; Ghtkhdi Ma;Tfs; fb; j uggl ;Lss fhuz pshy; rhj j ;akhf;pd.

- I Nuhgg;pd; kWkyhrrp , aff;j ;wFg; gwF Vwgl ; nj hyngHUs; Nrfh;gg;pd; kj hd Mhtk; kwWk; mUqfhl ;rafqfs; j ;wff;ggli ;k
- ghi w mLf;f;ay> epyt;ay; rhhej fUj ;fs; Mf;atwwpd; tshrrp
- c ahp;ay; ghz hkk; Fwj j ;l h;tp;pd; nfhs; f
- kdj d; kwWk; t;yoFfs;pd; Gi j gbtqfs;> gz ;la ehf;hf;qfs;pd; fwfUt;fs;> nrangHUsfs; Mf;ad fz ;L;gbff;ggli ;k
- nj hl fffhy vOj ;Jfi s thrpff;j ; nj hl qf;ai k kz z Lff;ay; - Strati grahy - , awi f kwWk; gz gh;L el tbf; fshy; c Uthd ghi w kwWk; kz ; mLf;Ffs;pd; Nj hwwk> j di k> c wT Ki wfs; Fwj ;J Muhaj y;

c yf; k;f; ; nj hdi kahd mUqfhl ;rafk;

. vdd;fhyb-eddh mUqfhl ;rafk; nkr;NI h;paht; ; f;K. (ng.h.M.K) 530 y; mi k;f;ggli ;J. , stur; vdd;fhyb> et;l gh;Nyhd;pa muruhd eNghd;pd; kfs; Mthh; ng.h.M. 1471 y; , j ;hy;ay; mi k;f;ggli ; Nf;NI hi yd; mUqfhl ;rafkj hd; , dWk; , aq;f; nfz bUf;Fk; k;fg; goi kahd mUqfhl ;rafkhf , Uf;f;\$Lk; vdf; fUj ggLf;dwJ. , q;f;hej ;pd; Mf;] Nghhl ; gyfi yf;fof;j ;y; c ss M~Nkhy;ad; mUqfhl ;rafNk c yf; k;fg; goi kahd gyfi yf;fof mUqfhl ;rafk; , J ng.h.M. 1677y; c Uthf;ggli ;j hFk;

. kdj hfs; Nj hwwj ;j mwpt;ay; Ghtkhfg; Ghpe;Jnfhs n` hgl ;] ngdr;pd; (ng.h.M.1820 □ 1903) c ahp;ay; ghz hkf; nfhs; fAk> rhhy] ; l h;tp;pd; (ng.h.M. 1809 □ 1882) , awi fj ; Nj h;T kwWk; j fti kgG (j Fj ;AssJ j gg; gpi of;Fk) vdW fUj ;Jfsk; gq;fhw;Wf;pdwd. rhhy] ; l h;tp;pd; "c ahpdqfs;pd; Nj hwwk; Fwj ;J" (on the ori gin of spec ies) vdW E]i y 1859 Yk> kdj d;pd; Nj hwwk; (The Descent of Man) vdW E]i y 1871Yk; nts;pa;l ;hh;

, awi fj ; Nj h;T;

. j qfs;J #oe;pi yf;F rpej Ki w;ay; j fti kj ;Jf; nfhs;S k; c ahpdqfs; gpi oj ;J> mj ;pfkhf , dg; ngUffk; nra;J gy;fg; ngUFk; nray;Ki w , awi fj ; Nj h;T vdggLk;

. j Fj pAssJ j ggq; gpi ofFk; vdgJ mLj j Lj j ji yKi wfsy; j dJ rejj pi a mj pf vz z pfi fapy; tpi Lr; nry;Yk; Xh; , dk; gpi oj J eLz L thoti j f; Fw p f f p w J.

Gi j gbtqfs; (Fossil s):

. fl ej fhyj j y; thoej t y q Ffs> j ht u q f s p d; v r r q f s> j l q f s> mi l a h s q f s; m g g b N a ghJ fhf;fggl bUggJ Gi j gbtqfs; (fossil s) v d g g L k; f d p k k h f f y; (Mi n e r a l i z a t i o n) f h u z k h f t y q f p d; v Y k G f s; m g g b N a ghJ fhf;fggl L t p L k; Gi j g b T f s; F w j j ghJ fhf;fggl L t p L k; Gi j g b T f s; F w j j Ma;T Gi j g b t Ma;T p a y; (P a l a e o n t o l o g y) v d W mi o f f g g L f p w J.

. f w f h y k; - f U t p f s; n r a t j w F f w f s; n g U k g h d i k a h f g; g a d g L j j g g l i f h y k;

ntz f y f; f h y k; - n t z f y c N y h f t p a y; (j h J t p y U e J c N y h f j i j g; g h j n j L j j y) t s h r r p n g w W n t z f y f; f U t p f s> n g h U s f s; n r a a g g l i f h y k; , U k G f; f h y k; - f U t p f s; n r a a , U k G c U f f p g; g h j n j L f f g g l i f h y k;

. g j p n j h d g j h k; E j w w h z b y p U e J m w p t p a y; c j j p f i s g; g a d g L j j p A k> Ki w a h d Ma;T f i s N k w n f h z L k; m w p Q H f s; n j h y g o q f h y k d j j F y j j p d; N j h w w k> g z i l a e h f h p f q f s; M f p a d F w j j Ma;T f s; n r a j d h; , j d; % y k; , d W c U t h f f g g l L s s m w p T f f U j J f s; c U t h f k h n g U k; g q f s j j s s h h f s; , d W k d j j d p d; g h z h k k; (g b e p i y t s h r r p) F w j j N f h l g h L n g h J t h f V w W f; n f h s s g g l b U f f p w J.

n j h y g o q f h y k; M] i u h N y h g j j p i] d r y p U e J N` h N k h v u f i] ; t o p a h f N` h N k h N r g g p a d p d; t s h r r p;

"N` h N k h N r g g p a d j] " v d w , d j i j r; N r h e j t h f s h N t h k;

k d j j h f s p d; g h z h k k k; , l g n g a h T k;

. k d j j h f S l d; r p k g d r p n f h h p y y h> c u h q; c l i h d; M f p a c a h p d q f i s f p N u l; V g.] ; (G r e a t A p e s) v d m i o f f g g L k; n g u q F u q F f s; t i f v d W F w p g g l L f p w h h f s; , t w w p y> r p k g d r p k u g Z h j p a h f k d j j h f S f f k p f n e U f f k h d J.

r p k g d r p , d j j p d; k u g Z i t (b.vd:V) v L j j Ma;T n r a j j y; m j d; g z G f s; k d j j , d j j l d; 98% x j j c s s j h k;

. k d j j h f s p d; % j h i j a h f s; N` h k p d p d; v d w i o f f g g L f p d w d h; , t h f s p d; N j h w w k; M g g h p f f h t y; f z L g p f f g g l L s s J. g p d d h; c y f p d; g w g F j p f S f f k; g u t p d h h f s; v d w f U j j m w p Q H f s h y; V w f g g l L s s J. , e j N` h N k h d p d f s; , d k; R k h h; 7 K j y; 5 k p y p a d; M z L f S f f K d; N j h d w p a J. , e j f; F O t p d; k p f j; n j h l f f , d k h d M] i N u h y h g j j p f] p d; v Y k G f \$ I L r; r h d W f s; M g g h p f f h t y; f z L g p f f g g l L s s d.

. M g g h p f f h t p d; f p N u l h p / g l; (n g U k; g p s T g) g s s j j h f f p y; g y , l q f s y; n j h y g o q f h y k; F w j j r h d W s; f p i l j j s s d.

. M z L f S f f K d; N j h d w p a J. , e j f; F O t p d; k p f j; n j h l f f , d k h d M] i N u h y h g j j p f] p d; v Y k G f \$ I L r; r h d W f s; M g g h p f f h t y; f z L g p f f g g l L s s d.

. Mggghpf:fhtpd; fNul hp/gi; (ngUkgpsTg; gssjjhf:fy; gy , lqfsy; nj hygoqfhyk; Fwvj j rhdWfs; fpi ljJssd.

fNul; hp/gi; gssjjhf:F rphahtpd; tlgFjpaipUeJ fpoF Mggghpf:fhtpy; kjjpa nkhrhkgrf; tiu Rkhh; 6400 fkp Jjuk; gutpAss gssjjhf:F NghdW epyggugghFk; thd; ntsjpaipUeJ ghhf:FkNghJ Gtpaay; mi kggdJ GyggLfWJ. NkYk; gy tuyhwWf:F Kwgl;l , lqfs; Mggghpf:fhtpd; fpoFg; gFjpaay; fhz ggLfpdwd.

clw,\$W mbggi laay; kdj %j hi jahfs; gyNtW , dqfshfg; ghpffggLfwhfs;

N` hkpdl ;

. etbl kwWk; mopeJ Nghd mi djJ ngUqFuqF , dqfSk; (fNul; Vg]) N` hkpdl; vdW mi offggLfpdwd. , J kdj hfi sAk; csslffpa ti fahFk;

. N` hkpdl; vdggLk; tpyqfay; goqFb , dk; kdj %j hi jahfspd; cwtphfi sAk; mj d; nj hl hgi la etbl kdj hfi sAk; (N` hNkh Nrggad:]) N` hNkh vuf]] > N` hNkh n` gpy] > M] luNyggj jpi rdFs; Mfad ml qFk; , ggoqFb , dj j py; kdj , dk; klLNk , dwsTk; thofpdwJ. , ej , dk; epktheJ , uz L fhyfshy; elggj hFk; , ej , dj j wF nghja %i s czL. , it fUtpfi sg; gadgljJk; , twwpy; rpy M] luNyggj jpi rdFs; jfty; ghpkhWk; jwdngwwi t. nfhhpyyh vdggLk; kdj f; FuqFfs; , ggoqFbary; ml qfhJ.

. Mggghpf:fhtpy; Rkhh; 20 kpyyad; Mz LfS fF Kd; thoej N` hNkh n` gpy] ; vdW , dkjhd; Kj d; Kj y; fUtpfs; nraj kdj %j hi jah; , dkhFk; Rkhh; 2 kpyyad; Mz LfS fF KdG N` hNkh vuf]] ; vdW , dk; , ej , dk; i fNfhl hfi sr; nraj J. Rkhh; 2 kwWk; 1 kpyyad; Mz LfS fF , i laay; , ej , dk; Mggghpf:fh> Mrphahtpd; gyNtW gFj pS fFk; gutpaJ.

. clw,\$W hj pahf N` hNkh Nrggad:] ; vdwi offggLk; etbl kdj hfs; (mwptf; \$Hi kAi la kdj d) Mggghpf:fhtpy; Rkhh; 3>00>000 Mz LfS fF Kd; Nj hdwdh; , ej etbl kdj hfs; Rkhh; 60>000 Mz LfS fF Kd; cyfpd; gyNtW gFj pS fFk; nj hl h; , l gngah;thy; gutpaj hf ekgggLfWJ.

rpkgrp kwWk; gpfkp rpkgrp (nghdNgh) ti f , dqfs; ekfF neUf:fkhd> j wNghJk; c aph; thOk; c aphdqfshFk;

nj hygoqfhyg; gz ghLfs;

kdj %j hi jahpd; Gi j gbt vYkGfs; N` hNkh vgy]] > N` hNkh vuf]] > epahz l hj hnydrp] ; vdW gyNtW , dqfshfg; ghpffggLk; mNj rkaj j py; fwfUtpfs; gz ghLfs; mbggi laay; nj hl ff fhy fwfUtpfs; Nrhf: f> XyNI hthd; nj hopy:Elgk> fb; (Lower), , il (Mi ddle), Nky; (upper) goqfwfhy (baeoli thi c) gz ghLfs; vdWk; , il ffwfhyg; (Mesoli thi c) gz ghLfs; vdWk; ti fggLj j ggLfpdwd.

kdj %j hi jahpd; nj hl fffhyf; fwfUtpfs; Nrhf: f

. kdj %j hi jahfshy; cUthf:ggll nj hl fffhyf; fwfUtpfs; nfdahtpd; Nyhkp:Ftp vdW , ljj py; fpi ljJssd. , it 3.3 kpyyad; Mz LfS fF Kwgl:it. XyNI hthd; fUtpfs; Mggghpf:fhtpd; Xyltha; gssjjhf:fy; fpi ljJssd. , it 2 Kj y; 2.6 kpyyad; Mz Lfs; goi kahdi t.

• kdj %j hi j ahfs; (M] i Nuhyggj j pi] dfs) Rj j pay; fwfi s
gadgLj j pdh; NkYk; □gpNsf;] □ (Flakes) vdggLk; fwnrj pyfi s c Uthffpf;
fUtpfshfg; gadgLj j pdhhfs; , ffUtpfs; cz i t ntl;Tk> Jz i L Nghl Tk>
gf:FtggLj j Tk; gadgLj j ggl i d.



fbg; goqfwfhyg; gz ghL:

. N` hNkh n` gyp] > N` hNkh vufi] ; Mfpa kdj %j hi jahfspd; gz ghL fbg; goqfwfhyg; gz ghL vdW FwfffggLfjwJ. , thfs; nghpa fwfi sr; nrj pyfshfr; rtp i ffNfhl hp c ssp] gy ti ff; fUtpfi s tbtikjhhfs; , ej f; fUtpfs; Mgghpffh> Mrpah> l Nuhggh Mfpa fz l qfsy; fz nl LffggLssJ. , i t Rkhh; 1.8 kyyad; Mz lfs; goi kahdi t vdW fz ffl ggl Lssd. , thfs; j kJ thofi fj; Nj i tfs ffhf> i ffNfhl hp ntl Lffjjp c ssp] gyNtW fUtpfi sr; nrajhhfs; , ej f; fUtpfs; (bi face) , UKff; fUtpfs; vdW mi offggLfjpdwd. mi t rkgqF c Ut mi kgi gg; (Symmetry) ngwWssd. NkYk> , i t ekJ kdj %j hi jahpd; mwTz h; Mwwi y ntsggLj Jfjpdwd. , ej g; gz ghL fbg; goqfwfhyg; gz ghL vdwi offggLfjwJ. i ffNfhl hf; fUtpfs; mr#ypad; fUtpfs; vdW mi offggLfjpdwd. , ej f; fUtpfs; fK. (ngh.M.K) 250>000 □ 60>000 Mz lfs fF KdG ti u nj hl heJ gadghl by; , Uej d.

mr#ypad; (Ac heul i an):

, tti ff; i ffNfhl hf; Kj d; Kj ypy; guhd;] py; c ss nrapd; mr#y; vdW , ljj py; fz nl LffggLj d. vdNt , i t mr#ypad; fUtpfs; vdW mi offggLfjpdwd.

, UKff; fUtp (bi -fac es);

, U GwKk; nrJ ffggl j hy; , ffUtpfS fF , gngah; , l ggl j J>

c aht;thotj wfh d epi yahd Nj i tfs;

nj hygoqfhy kffsJ epi yahd Nj i tfs py; cz Tk; eUkj hd; Kj di kahdj hf , Uej d.

. kdj %j hi jahfspd; , dW ehk; ngwWssJ Nghdw c ah; nkhopahwvy; , Uej pUffhJ. xUNti s mthfs; rpy xypfi sNah nrhwfi sNah gadgLjj pUffyhk; nghpK; mthfs; i ri f nkhopi aNa gadgLjj pUff;\$Lk; fUtpfs; nratj wfh d fwfi sj; Nj henj LffTk> Rjj pay; fwfi sf; nfhz l ghi wfi s ciljJr; nrJffTk> fUtpfi s tbtikffTk; \$ba mstpwF mthfs; mwTf; \$hi k cssthfshf , Uej dh; Nt ilahLk; tpyqFfs; jpdW t pl G; Nghl; tpyqFfsd; , i wrpi a cz l dh; fpoqFfs> tpi j fs> goqfs; Nghdw jhtu cz Tf i sr; Nrfhj J cz l dh;

. , ej phtpy; mr#ypad; fUtpfs; nr di dfF mUfpYk> fhehl fhtpd; , rhkGh> kj j pag; gpnj rj j pd; gkngj fh Nghdw gy , l qfsYk; fpi l j Jssd.

%yf; fwfs; (raw materi al):

vdgi t fwfUtpfs; nraaggadgLk; fwfs; MFk;

fUff; (c ore);

vdgJ xU fyyd; Kj di kg; ghsk; MFk; fwRj j payhy; nrj pyfs; ciljJ vLffggLfjpdwd.

nrj py;

nghpa fwghs j j pyUeJ myyJ fUqfyyp; , UeJ ciljJ vLffggLj xU rW fwJz L.

, i l g; goqfqfhyg; gz ghL:

. j wfhyyjj wF Rkhh; 3:98:000 Mz LfS fF Kd; Mggghpf;fhtpd; fwfUtj;
nj hopyEl gj j py; NKYk; khwwqfs; epfoej d. , ej f; fhyfl;lj j py; N` hNkh
vuf;lj ; , dk; thoeJ tej J. c lw\$wray; hj pahf etld kdj hfs; Rkhh; 3 ylrk;
Mz LfS fF Kddh; Nj hdwraj hff; \$wggLf wJ.

fy; (Li th) nj hopyEl gk; (Tec hnol ogy):

. fwfUtjfs; c Uthffj j py; <Lg Lj ggLk; Ki wi kfS k; El gqfS k;
fwfUtj (Li thi c) nj hopyEl gk; vdggLf wJ.

. , ffhyj j py; i ffNfhl hfs; NkYk; MoFw tbt i kffggld. gy
rW fUtjfs k; c Uthffggld. fUffyi y edF jahh; nraJ> gpdch;
mj pyUeJ nrj pyfs; vLffggld fUtjfs; c Uthffggld. \$hKi df; fUtjfs k>
Ruz Lk; fUtjfs k; gadg Lj ggld. rW fj j pfs k; jahhpf;ggld.
nytyharpad; (nytyth gnuQR nkhop c rrrhgG) fwfUtj nraAk; kuG , ffhy
fl;lj j j r; Nrhej J jhd; , ffhyfl; fwfUtjfs; l Nuhgght pYk; kjj pa kwWk;
NkwF Mrpag; gFj pfs pYk; fhz ggLf pdwd.

. nytyharpad; (nytyth) fUtjfs; - fUffyi y edF jahh; nraJ
c Uthffggld fUtjfs; , i t Kj y py; fz nl Lffggld gphd] py; c ss
nytyth (nytyha:]) vdW , l j j pd; ngai u xlb , gngah ngwwd.

. , i l g; goqfwfhyg; gz ghL j wfhyyjj wF Kd> 3:85:000 Kj y; 1:98:000
Mz LfS fF , i l apy; l Nuhgght pYk; Mrpah tpd; NkwFg; gFj papYk; c UthdJ.
, ffUtjfs; fpK. (ngh.M.K) 28:000 ti u gadg Lj j ggld.

. , ffhyfl;lj j pd; kffs; , dk; epahz l hj hy; vdW mi offggLf wJ. , thfs;
, wej thfi s Ki wahf rl qFfi s gpdgwwp Gi j j dh;

Nky; goqfwfhyg; gz ghL:

. , i l g; goqfwfhyg; gz ghL i l j; nj hl heJ tej gz ghL> Nky; goqfwfhyg;
gz ghL vdW mi offggLf wJ. fwfUtj; nj hopyEl gj j py; Vwgl l Gj pa El gqfs;
, ej g; gz ghL bd; rpwgghd \$Wfs py; xdwhFk; fwfshyhd eZ l fj j pfs k>
gpAhp d; vdggLk; c spfS k; c Uthffggld. , thfs; rpyfh mj pfKss gyNtW
fy; ti ffi sf; fUtjfs; nraag; gadg Lj j pdh hfs; gyNtW XtjaqfS k; fi yg;
nghUl fS k; , ffhyj j py; c Uthffggld. , thfs; jahhjj gyNtW
nranghUsfs; , thfsJ gi l gghwwy; j wdy; Vwgl l KdNdwwj i j Ak> nkhopfs;
c Uthdi j Ak; fhL Lf pdwd. , ej f; fhy fl;lj j py; Ez fwfUtjfs; vdggLk; FWq;
fwfUtjfs k; gadghl bwF tej d.

gpAhp d; - \$hpa nt l LKi d c ss fyyhyhd c sp

. kdj gghpiz hk tshrrpapd; tpi sthfj; Nj hdwpa Kj y; etld kdj hfs; Rkhh;
3:00:000 Mz LfS fF Kddh> Kj d; Kj y py; rg;r` huh gFj p vdwi offggLk;
mggghpf;fhtpd; r` huhtwFj; nj wFg; gFj papy; Nj hdwpa dh; , ej , dk; Rkhh; 60:000
Mz LfS fF Kddh; Mrpah tpd; gyNtW gFj pfs fFg; gutpaJ. xUNti s mqF
Vwnfdnt trj j thfi s , thfs; tpu l bapUffyhk; , ffhyfl;lj j py; l Nuhgght py;
FNuhkfdhd;fs; vdwi offggLk; kdj hfs; thoej hfs;

. fUtjfi sAk; fi yg; nghUl fi sAk; nraaf; nfhkGfS k; jej qfS k;
gadg Lj j ggld. vYkghyhd C rpfS>Jz by; Kl fs> Fj j l bfs>l bfs;
Mfpa i t gi l fghffj J l d; gadg Lj j ggld. , thfs; Mi l fi s mz pej dh;
ri kjj cz i t cz l dh; , wej thfs; khhgpd; kU i ffi s i t j J epi yapy;
Gi j fffggld hfs; gj fffqfS k> Nti ygghL kpFej fUtjfs k; gadg Lj j ggld.
, ffhy fs p k z; rpwgqfs; Xtjaqfs> nrJ fFNti yfs; rhdWfshf ekfFf;

fpi l j Jssd. tpd] ; vdwi of fggLk; fyypYk; vYkqYk; nrJ ffggl] ngz ;
nj a:tr; rpwgqfs; l Nuhggh tYk> Mrpahtpd; rpy gFj pfsYk; c Uthf fgg] d.

gdpr; fhyk;

. j wfhyy wF 8>000 Mz lFs fF KdG cyfid; gy ghqfs; gdpahYk;
gdpgghsqfshYk; %l ggl bUej fhyk; gdpr;fhyk; MFk;

, i l f;fw,fhyg; gz ghL:

. goq;fw,fhyj j wFk; Gj pa fw,fhyj j wFk; , i l ggl] fhyg; gz ghL , i l f;
fw,fhyk; vdW mwpa ggl f wJ. kffs; ngUkghYk; i kfNuhyyj j pf; vdW
nrhyyggLk; rpw Ez; fwfUt pfi sg; gadgLj j pdh; gdpr;fhyj j wFg; gpwf Gtp
ntggki l e j i j j ; nj hl heJ> Ntl i lahLNthuhfTk; cz T Nrfhg NghuhfTk> , Uej
kffs; #oyay; gFj p fS fFk; (fl wfi u> ki yg; gFj p MwWggLi f> twz i epyk)
gut Mukgj j dh;

. , i l f;fw,fhy kffs; Ez fwfUt p j ; nj horyEl gj i j g; gadgLj j pdh; , thfs;
Rkhh; 5 nr.kp mst wFk; Fi wthd mst ss rpw rpw nranghUsfi s
c Uthf f pdh; , thfs; \$hkKi dfs> Ruz lK; fUt p mkG Ki dfs; Mfpatwi wr;
nraj dh; , thfs; gpi w tbt (Lunate), KfNfhz k; rhtfk; (Trapez e) Nghdw
fz p tbt pay; mbggi l apyhd kuj j hYk; vykghYkhd gpbf; mi kj Jg;
gadgLj j pgg] d.

i kfNuhyyj ;

Ez fwfUt fs; kpr; rpwpa fwfsy; c Uthf fgg] d nranghU ffs; MFk;

Gj pa fw,fhyg; gz ghLk; Ntshz i kapd; J tffKk;
Ntshz i k> tpyqFfi sg; gofFj y; Mfpai t Gj pa fw,fhyj j py;
mwkKfggLj j gl] d. , J tuyhwpy; xU Kf;fjakhd fl] khFk; tskhd gpi w
epyggFj p vdW mi of fggLk; vfgJ kwWk; nk] gNl hkpa> rpeJnts p fqi f
rknts p rbhtpd; nrOi kahd gFj pfs; Mfpadt wpy; Gj pa fw,fhyj j f fhd
nj hl f f fhyr; rhdwfs; fhz ggL f pdwd. Rkhh; f pK. (ngh.M.K) 10>000 ypUeJ
f pK (ngh.M.K) 5>0000 wFs; , ggFj pfsy; Ntshz i k el tbf i ffs;
nj hl qf;ptpl] d.

NfhJi k> ghhy p gl] hz p Mfpai t 10000 Mz lFs fFk; KdNg gahpl j ;
nj hl qf;gg] Lt pl] d. fha; - fdp kwWk; nfhli l j Uk; kuqfs; f pK. (ngh.M.K)
4000 Mz lFs; NyNa tpi srrYffhfg; gahpl ggl Lssd. mjj p Mypt> Nghpri r>
khJi s> j puhli r mtwpy; ml qFk;

gpi w epyggFj p

. vfgJ> ,] Nuy; - ghy] j bk>xuhf; Mfpai t ml qfpa gFj p gpi w epytpd;
tbtj j py; cssJ. , J gpi w epyggFj p (Fertile Crescent Regi on)
vdggL f wJ.

. fwfUt pfs; nratj wF totogghf;Fk> nkUSl Lk; Gj pa El gqfs;
gadgLj j ggl] j hy; , J Gj pa fw,fhyk; vdW mi of fggL f wJ. Gj pa fw,fhy
kffs> goq;fw,fhyr; nrJ ffggl] fwfUt pfi sAk; gadgLj j pdh; , i l f;fw,fhyk;
ti uapYk; kffs; j hdk; epi yj j Uggj wfhf Ntl i lahLti j Ak; cz T
Nrfhggi j Ak; jhd; ekgapUej hfs; Ntl i lapYk; cz T Nrfhggi Yk; kpfTk;
Fi wej mst cz T jhd; fpi l j j J. , j d; tpi sthf> xU Fwggpl] gFj p fspd;
kpr; rpwpa vz z pfi fapyhd kffsjhd; tho Kbej J.

. gwF gah; tpi stj jYk> tpyqFfi sg; goffggLj;JjYk; mwKfkhJ.
, J Vuhskhd mstjy; jhdpa kwWk; tpyqF cz i t cwgj j p nratj wF , lLr;
nrdwJ. MWfs; gba i tj j tskhd tz ;y; kz; Ntshz i k mj pfhpf;
cj tpaJ. , J> rwej , awi fj; jfti kgghf , Uej jhy> kffs; ej pffi ufsy;
thotij tUkgrdh; , gGjpa nrayghLfs; cz T cghpfF , lLr; nrdwJ. , ej
cz T cghj hd; gz i la ehfhpqfspd; cUthffj JfF xU Kffpakhd \$W
MFk; , ffhyj j py; epej ukhd tLfs; fl;ggld. nghpa Chfs; cUthfjd.
vdNt> , i t Gjpa fwfhyg; Gul rp vdwi offggLfjwJ.

**nj hygoqfhyj ; j kpfk;
fbg; goqfwfhyg; gz ghL:**

. N` hkpdd; vd mi offggLk; kdj %j hi j , dj jhy; cUthffggld
fwfhyf; fUtpfsNyNa fhyj jhy; Kei ja gFj pi ar; Nrhej fwfUtpfs;
j kpehl by; jhd; cUthffggld. , ggogfwfhyf; fUtpfs; nrdi di ar;
RwwAss gFj pfsy; Fwggghf mj ukghffk> Fbak; csspl , lqfsy;
fpi l j Jssd. mj ukghffj j py; el ej nj hyypay; mfoha;TfSk; mqF fpi l j j
nranghUl fi sf; fh] kpfj th; %yk; fhyj j j f; fz pfFk; Ma;TfF
clglj j ggl j Jk; mqF Rkhh; 15 □ 2kpyyad; Mz LfS fF KdNg kdj hfs;
thoej Uggi j f; fhLfdwd. nfhr] j i yahW cyfpy; kdj %j hi jahfs; trj j
kpf Kffpakhd , lqfsy; xdwhFk; , qF thoej kdj %j hi jahfs; N` hNkh
vufi] ; vdW ti fi ar; Nrhej thfs;

nj hyypay; mfoha;T:

. kz z py; Gi jeJss fwfUtpfs> ghi dfs> tpyqFfspd; vYkGfs>
kfuej qfs; Mfpatwi w mfoenj Lj;J kdj hfs; fiej fhy thofi fKi wi ag;
Ghp;Jnfhs;tJ □nj hyypay; mfoha;T□ MFk;

. fh] kpf; - fj th; gharrp fz pj j y; - khj thpfs; fhyj j j f; fz pfF
fh] Nkh[bpf; fj thfi s ntsggLj j p mwpaK; Ki w.

. ngh.M. 1863 , y; rh; , uhghl ; G&] ; /Gl; vdW , qfyheJ epytpayhsh;
nrdi dfF mUfpy; css gyyhtuj j py; goqfwfhyf; fUtpfi s Kj d;
Ki wahff; fz Lgpbj j hh; , ej jhty; , gbggl fUtpfs; Kj d; Kj yhff;
fz Lgpbffggld J , qFj hd; vdNt> , qF fz nl Lffggld i ffNfhl hpfS;
nrdi d fwfUtpj ; nj hopyfk; vdW mi offggLfjpdwd. mth; fz nl Lj j fUtpfs;
nrdi d mUqfhl rpfj j py; c ssd.

goqfwfhy kffs; fhLtpyqFfi s Ntl i lahbdh; , awi fahff; fpi l j j
goqfs> fpoqFfs> tpi j fs> , i yfi sr; Nrfhj j dh; mthfS fF , UkG>
klghz i k; nratJ gwwj; nj hpahJ. mi tnayyhk; tuyhwwpy; kpfTk;
gpwfhyj j pyj hd; fz Lgpbffggld.

. fbggoqfwfhyj j py; i ffNfhl hpfS k; gpfFk; fUtpfS kj hd; Kffpakhd
fUtp ti ffs; , ej f; fUtpfi s kuj j hYk; vYkghYkhd fi lggbaay; nrUfp
ntl Ltj wF> Fj Jtj wF> Nj hz Ltj wFg; gadgLj j pdhhfs; mthfs; Rj j pay;
fwfi sAk> Nfhsf; fwfi sAk; \$lg; gadgLj j pdhhfs; mj wfhff; \$ohqfwfi sj;
Nj henj Lj j hhfs; , ej f; fUtpfs; kz y; j pl LfspYk; Mwwqfi ufspYk;
fhz ggLfjpdwd. mi t gyyhtuk> Fbak; Fi f> mj ukghffk; tlkji u> vUi k
ntl bgghi sak> ghpfSk; Mfpa , lqfsy; fpi l j Jssd.

. fbggoqfwfhyf; fUtpfs; tl Mwfhl> j hkGhp gFj pfsYk; fpi l j Jssd.
, ggFj p kffs; nranghUl fS fF g] hyl; vDK; vhpki yg; ghi wfi sg;
gadgLj j pAssdh; j kpehl bd; nj dgFj papYk; , yqi fapYk; , ej f; fb;
goqf qfhyg; gz ghL bwfhd rhdWfs; fpi l fftyi y.

grhy; ghi wfs;

. , i t vñki ygghi wfs; myyJ j ðghi wfs; MFk; Gkpf;fbapy; , Ue;J nts;pgg;Lk; c Ufpa vñki yf; Fokg;py;Ue;J Nj hdw;pai t vñki ygghi wfs; MFk;

. mj ukgh;f;f; j j;pd; f;bggoq;f;w;f;hyg; gz ghL Rkhh; 2 □ 15 k;py;pad; Mz ;L;S;f;F; Kei j aJ vdW fz f;f;f;f; ggl ;L;S;S;J. , ej f; f;hyf;l;l;k; , ej ;aht;pd; kww gFj ;f;f;S;py; 3;00;000 Mz ;L;S;f;F; KdG ti u ebj j J.

, i l g; goq;f;w;f;hyg; gz ghL □ j k;pehl;

. , i l g; goq;f;w;f;hyg; gz ghL 3;85;000 □ 1;72;000 f;hyf;l;l;j;j;py; c Uthd;J. , f;f;hyf;l;l;j;j;py; f;U;t;f;f;s; ti f;f;f;f;py; khWj yfs; Vwgl;l;d. mst;py; r;mp;a nranghUl;f;s; gadg;L;j;j;ggl;l;d. f;U;t;f;w;f;f;s; > f;w;n;r;j;py;f;s; > Ruz ;L;k; f;U;t;f; f;j;j;þ Ji sgghd; nytyharp;ad; nrj;py;f;s; > i f;f;N;f;h;l;h;þ g;f;s;f;F;k; f;U;t;f; M;f;pad , f;f;hyf;l;l;j;j;pd; f;U;t;f;f;s; MFk; Kei j a f;l;l;j;Nj hL xgg;l;k;Ngh;J > , i t mst;py; r;mp;ai tahf c ssd.

. , i l g; goq;f;w;f;hy; gz ghL bd; rhd;W;f;s; j k;pehl bd; r;py; gFj ;f;f;S;py; fhz gg;L;f;pd;wd. j k;pehl bd; nj dg;F;j;pa;py; Nj .G;J;ggl;b> r;f;t;uf;N;f;h;l;i;l M;f;pa , l;q;f;S;py; k;j;j;pa goq;f;w;f;hyf; f;U;t;f;f;s; N;r;f;h;þ;f;ggl;L;S;sd. mNj Nghy j Qrh;T;h;þ mh;pa;Y;h; mU;f;f;Y;k; , j;j;i;fa f;U;t;f;f;s; f;pi;l;j;J;S;sd.

, i l f;w;f;hyg; gz ghL □ j k;pehl

. c yf;pd; gy gh;f;q;f;s;þ;Y;k; > , ej ;aht;pd; r;py; gFj ;f;f;S;py;þ; , i l g; goq;f;w;f;hyg; gz ghL i l j; nj hl he;J > Nky; goq;f;w;f;hyg; gz ghL c Uthd;J. j k;pehl by; Nky; goq;f;w;f;hyg; gz ghL ;L;f;f;hd rhd;W;f;s; f;pi;l;f;f;t;py;i;y. Mdhy; j k;pehl bd; gy gFj ;f;f;S;py;þ; tr;j;j k;f;f;s; Ez ;f;w;f;U;t;f;i;sg; gadg;L;j;j;pa;U;f;f;w;h;f;s;

. , ggz ghL ;L;f; f;hyf;l;l;k; goq;f;w;f;hyj;j;w;F;k; G;j;pa f;w;f;hyj;j;w;F;k; , i l a;py; c Uthd;j;hy; , J , i l f;w;f;hyk; vdW mi of;f;gg;L;f;w;J. , i l f;w;f;hyj;j;pd; Nt;l;i;lahb □ cz T N;r;f;h;þ;Ngh;h; gw;mp;a rhd;W;f;s; nr;d;i;d> tl M;w;f;h;L> j h;k;G;h;þ Nryk; > N;f;h;k;G;j;J;h;þ mh;pa;Y;h;þ G;J;f;N;f;h;l;i;l > k;J;i;u> r;f;t;f;qi;f> j;þ;U;ney;N;ty;þ f;d;d;pa;h;F;k;h;þ M;f;pa , l;q;f;S;py; f;pi;l;j;J;S;sd. J;j;j;f;f;b mUNF c;S;S □ Nj h;þ gFj ;f;f;S;py; , i l f;w;f;hy; f;w;f;U;t;f;f;s; gy f;pi;l;j;J;S;sd. , gg;F;j;pa;py; c;S;S r;þ;t;g;K; z;y; F;d;W;f;s; c;S;S gFj ;þ □ Nj h;þ □ vdW mi of;f;gg;L;k;

. , f;f;hy; k;f;f;s; nrhl; (Chert), F;thhl;]hyhd (Quartz , g;sp;q;F) r;mp;a nr;j;py;fi;S;A;k; f;U;t;f;f;i;S;A;k; gadg;L;j;j;pd;h; , f;f;hy;j;j;pd; f;U;t;f; ti f;f;s; Ruz ;L;k; f;U;t;f;f;s; > g;pi;w;t;bt;k; > K;f;N;f;h;z;t;bt;k; vdW gy t;bt;q;f;S;py; , Ue;j;d. k;f;f;s; c;ah; tho t;py;q;F;fi;S; Nt;l;i;lahb;d;h;h;f;s; goq;f;s; > n;f;h;l;i;l;f;s; kw;W;k; f;þ;q;F;fi;sr; N;r;f;h;j;j;h;h;f;s;

Ruz ;L;k; f;U;t;f;f;s;

Ruz ;L;k; f;U;t;f;f;s; xU Nk;w;g;ugi;gr; Ruz ;L;t;j;w;F;g; gadg;L;f;pd;wd. , i t , dW ri;kayi;w;py; f;h;a;f;w;f;f;S;pd; Nj hi;y m;f;w;W;t;j;w;F;g; gadg;L;j;j;ggl;k; f;U;t;f;f;i;sg; Nghdwi;t.

K;f;N;f;h;z;f; f;U;t;f;f;s;
K;f;N;f;h;z;t;bt;py; mi kej ;þ;U;f;F;k; f;U;t;f;f;s;

g;pi;w;t;bt;f; f;U;t;f;f;s;
g;pi;w;t;bt;f; f;U;t;f;f;s; g;pi;w;t;bt;py; mi kej ;þ;U;f;F;k; f;U;t;f;f;s;

Gjpa fwfhyg; gz ghL □ j kpo; ehL

. tpyqFfi sg; goffggLj j p Ntshz i k nraj gz ghL Gjpa fwfhyg; gz ghL vdw mi offggL f p w J. Gjpa fwfhy gz ghL bd; kffs; nryl; (Cel t) vdw mi offggL; nkUNfwggL; fwNfhl h p fi sg; gadgLj j pdh; fhyei l Nkajjy; mthfsJ Kffpakhd nj hopyhf , Uej J. , thfs; r p W fwhkqfsy; trj j hfs; tLfs; \$i u Ntaggl b Uej d. j l b f s p d; k p f s p k z; G r p c Uthf f g g L k; Ki w a p y; Rthfs; f l i g g l i d. Gjpa f w f h y C h f S f f h d r h d W N t Y } h; k h t l i j j p d; i g a k g s s p a p Y k; j h k G h g F j p a p y; c s s r p y , l q f s p Y k; f p i l j J s s d.

Gjpa f w f h y k d j h f s j h d; K j y p y; k l g h z l q f i s r; n r a j j U f f N t z L k; k l g h z l q f i s m t h f s; i f a h N y h m y y J n k J t h f r; R w W k; r f f u j j j f; n f h z N l h t i s e j h h f s; k l g h z l q f i s r; R L t j w F K d d h y; m t w i w f; \$ o h q f w f s; n f h z L n k U N f w w p d h f s; , j i d j; N j a j J n k U f p L j y; (burni shi ng) v d g h;

. j k p o f j j p d; N t Y } H k h t l i j j p y; i g a k g s s p v d w C h; c s s J. , q F , e j p a m u r p d; n j h y y p a y; J i w m f o h a T n r a j s s J. j k p o f j j p y; K j d; K j y p y; k l g h z l q f S k; N t s h z i k n r a j j w f h d r h d W k; f p i l j J s s d. , q F N f o t u F > n f h s S > g r i r g a W M f p a j h d p a q f s; f p i l j J s s d.

gz i l a j k p o f j j p d; gz ghLfs; gwmpa fhythpi r

gz ghL	fhyk;	gz ghL Lf; \$W
goqf q f h y k;	20>000 Mz Lfs; K d G K j y; f p K. (n g h . M . K) 8>000 t i u .	i f f N f h l h p n t l L f f j j p N t l i l a h L j y; - c z T N r f h g j j y;
, i l f f w f h y k;	f p K. (n g h . M . K) 8>000 K j y; f p K. (n g h . M . K) 1>300 t i u	E z f w f U t p f s; c N y h f k; g w m p , t h f S f F j ; n j h p a h J . t p y q F f i s A k > g w i t f i s A k ; N t l i l a h L j y;
Gjpa f w f h y k;	f p K. (n g h . M . K) 2>000 K j y; f p K (n g h . M . K) 1>000 t i u .	n k U N f w w g g l l f w N f h l h p f s; E z f w f U t p f s; t p y q F f i s g; g o f F j y; g a h p L j y; F O f f s p d; n g U f f k; N t l i l a h L N t h h; - c z T N r f h g N g h h > N k a r r y; r % f j j p d h; v d , U t j k h d F O f f S k; x N u r k a j j y; t h o e j d.
, U k G f; f h y k;	f p K. (n g h . M . K) 1>300 K j y; f p K. (n g h . M . K) 500 t i u	n g U q f w f h y < k r r l q F K i w c z T N r f h g N g h U k; N k a r r y; r % f j j p d U k; x N u r k a j j y; t h o j y; F O j ; j i y t h; c U t h j y; , U k g p d; g a d g h L m w j y; f U g G r p t g G k l g h z l q f s > f U g G k l g h z l q f s; c U t h f F j y; i f t p i d j; j p w d f s p y; r p w g G e p G z h f s; c U t h F j y; - F a t h f s > n f h y y h f s;
gz i l a t u y h w W k w W k; r q f f h y k;	f p K. (n g h . M . K) 300 K j y; n g h . M 300 t i u	, U g G f; f h y k u G f N s h L N r u > N r h o > g h z b a k d d h f s p d; t s h r r p t l h f i s t o g L j y > , y f f p a k u G > f l y t o p t z p f k;

ny%hphahTk; j kphfS k;
rpy Mathshfs> %ofpa ny%hphah fz ljjjy; j kphfs; Nj hdwpaj hff;
fUJ fpdwdh; ny%hphah fz lk; Fwjj , ej f; fUj J 19 Mk; E}wwhz by;
Kdi tffggllJ. Gtjjll efhtpay; Nfhlghl by; (plate tectonics)
VwglLss KdNdwwqfspd; fhuz khf , gNghJ , ej f; fUj J Fwjj Jg; gyNtW
ghhi tfi s mwQhfs; Kdi tfffpdwdh;

j kpo; , yffpaf; FwggGs; fly; nfhz ljjg; gwwpf; \$Wfpdwd. , i t
fddpahFkhip ar; RwwpAss rpy gFj pfs; flYffbar; %ofbfggl ljhfr;
nrhyfpdwd. fpaK. (ngh.M.K) 5000 fF Kd; , yqi fapd; rpy gFj pfs k; j kpoehLk;
epyjjhy; , i z ffggl bUej d. vdNt fly; klj cahtpd; fhuz khff;
fddpahFkhipFUNf rpy epyggFFS k> , yqi f , ej pa , i z gGk; flYffbar;
nrdwUf;fyhk; , ggFj pay; \$Lj y; Mofly MaTfs; Nji tggLfpdwd.
j kpfk; c ssp l nj dde; pag; gFj pfs; , i l f; fwfhyk; Kj y; Gj pa fwfhyk;
ti u kdij , dk; Fwggpl vz z pfi fary; nj hl heJ thoej pUggj wfhd
rhdWfi s mfothaTfs; ntsggLj J fpdwd.

, UkGf; fhyk; - ngUqfwfhyk;

. Gj pafwfhyj i j j; nj hl heJ tej gz ghL f; fhyk; , UkGf; fhyk; vdW
mi offggLfwJ. mj d; ngah; Fwggpl t i j g; Nghy> f;fhyfl l kffs; , UkGj;
nj hopyEl gj i j g; gadgLj j pdh; , J rqqfhyj j wF Keija fhyk; MFk;
, UkGf; fhyk; eyy gz ghL tshrrp c Uthd fhyfl l k; , f;fhyj j j y hd;
rqqfhyj j wfhd mbj j sk; mi kffggll J. , UkGf; fhyj j y; j kpoehLk; gy
gFj pfs pYk; kffs; FbNawpt l l hfs; kffspi l Na ghkhww c wTfs; tshej d.

. kffS fF c Nyhftpay; kwWk; klghz l j; nj hopy; Fwjj J j; nj hpej pUej J.
mthfs;J , UkG> ntz fyg; nghUl fi sAk> j qf mz pfydfi sAk;
gadgLj j pdhfs; mthfs; rqqfhyhd mz pfydfi sAk; nrkkz pff; (fhhdlypad)
kwWk; gspqfhyhd (Fthhl j) kz pfi sAk; gadgLj j pdhfs; J j J fFb
khtl i j j pd; Mj rrey;Yjh> kJuhej fj j wF mUf pYss rhZ jh> GJ fNfhl i l fF
mUf p; c s s rj j d d thry; vd; gy , l qf s; , UkGf; fhyj j wfhd rhdWfs;
fpi l j J s s d. j kpfk; KOTJk; ngUqfwfhy <krrpdqfs; fhz ggLfpdwd.

ngUqfhwfhy <krrpd ti ffs;

. kffs; , wej thfi sg; Gi j ggj wF ngpha fwfi sg; gadgLj j paj hy>
, UkGf; fhyk> ngUqfwfhyk; vdWk; mi offggLfwJ. , wej thfs;pd; c l NyhL
<kgngUl fshf> , UkGg; nghUl fs> fhhdlypad; kz pfs> ntz fyg; nghUl fs;
Mfpa tAk; Gi j ffggl l d. <krrpdqfs; rpytwwpy; kdij vYkGfs;
fpi l f f t p y i y. kww gpw <kgngUl fNs fpi l j J s s d. , twi w <k epi dTr;
rpdqfs; vdW Fwggpl yhk;

. <kgngUl fs; vdgi t , wej thpd; vYkGFNshL <krrpdj j y; Gi j ffggLk;
nghUl fs> kuz j j wFg; gwfhd , wej thpd; thotwF mi t c j t f \$Lk; vdW
kffs; ekpajUf;fyhk; vfg;J gupkLfs;Yk; , JNghdw <kgngUl fs; c z l.

. gz i l a tuyhwWf; fhyk; myyJ rqf fhyj j y; , JNghdW Gi j ggJ
epfoe;JssJ. rqf , yffpaf; Gi j ggJ Fwjj kffsp; gyNtW toffqfi sf;
\$Wfpdwd. ngUqfwfhy <krrpdqfs;

. NI hynkd; vdggLk; fwj p l i l > rj l; vdggLk; fy yi wfs> nkd; ph;
vdggLk; epi dTr rpd Fj J f; fy> j hop> ghi wi af; FileJ c Uthfpa
Fi ffs> rhh;fNfhNgf] ; vdggLk; <kj nj hl bfs; vdW ti fggLj j ggLfpdwd.

. nfhlfy; myyJ Filffy; (Fil ti f) > njhgpfy; gjjpfy; Mfpa
ti ffs; Nfushty; fhz ggLfwd. Nki [Nghdw fyyhy; cUthffggl;
Nlhnykdfs; <kr; rlqfd; epi dTrpd;dkhf epWtggld. rj] ; vdgi kz z py;
GijffggLk; fyyi w NghdwJ. , it ehdF GwKk; ehdF fwghsqfi s epWjjp
NkNy xU fwghsjij itjJ %b cUthffggLk; mhd; vdgi t klghz ;
rhbf; , it , wejthfsg; Gijffg; gadgLjjggliit. rhhfNfhNgf] ;
vdgi t Rl; fskz z hyhd rtgnlb Nghdwi t. , twwpFr; rpy rkaqfsy;
gy fhyfi s itjJj; jahhhggghfs; nkd; th; vdgi t Gijjjjd; epi dTr;
rpdck; Nghy epWtggLk; J}z ; Nghdw eLfwfs;

. fyyi w (Ci st), fwjplifsy; Nghh; N`hy (brthole) vdggLk;
, L Jis xdw xUGwk; , lgglbUfFk; , J mtwwpd; Eiothay; Nghy;
gadglid. , it Mdkh teJ nrytjwfhf itffggliit vdw fUjJk;
cssJ.

eLfwfs; (nkd; thfs) , UkGf; fhyjjjy; thhfS ffhff; fl; ggblUffyhk;
eLfy; kuG , UkGf; fhyjjjnyh myyJ mj wF KdNgh nj hl qfpaUfff; \$Lk;

Ntshz i kAk; fhyei l tshgGk;

. , UkGf; fhy kffs; Ntshz i kAk; Nkwnfhz ;hhfs; ML > khLfi sAk;
tshjhhfs; rpy FOffs; , gNghJk; Ntli lahbf; nfhz ;Lk > cz T Nrfhj ;Jf;
nfhz ;Lk; , Uej d. jpi dAk; neyYk; garpl ggld. , ej f; fhyfl ;jjj py; hd; ghrd
epUthfkl NkkgliJ. Vnddy; gy ngUqfwfhy , lqfs; ej pfs > FsqfS fF
mUNf , Uej d. MwWggLi ffsy; (nlylh gFj pfsy) > ghrd nj hoy;Elgk;
tshej J. ngUqfwfhy , lqfshd Jj ;JfFb khtl ;jjj py; mi keJss
Mj rrey;Y}hpYk > godpF mUNf css nghUej ypYk; <krpdqfS fFs;
neyi y itj ;g; Gijjjj wfhhd rhdWfs; fpi l ;Jssd.

, UkGf;fhyr; r%fKk; murpaYk;

. , UkGf;fhyjjjy; Ntshz i kr; rKjhaaqfs > ML khL tshgNgh >
Ntli lahbf cz T NrfhgNgh; MfNahUk; , Uej dh; , fhyfl ;jjj py; ifti df;
fi yQHfs > klghz ;k; nragthfs > cNyhf Nti y nragthfs; (fkkpah) nj hoy;
Ki wahshfshf , Uej hfs; r%fjjjy; gy FOffs; , Uej d. fyyi wfsd;
msTfS kxkgnglUfspd; NtWghLFS k > , fhyjjjy; Vuhskhd r%f; FOffs;
, Uej i jAk; mthfS fFs; NtWgl ; goffqfs; , Uej jAk; fhLfdwd. , twwp;
rpy > xU jiytUfFf; fbhd r%fqfshfj; jki k mi kj ;fnfhz ;d.
fhyei l fi sf; fthtJ > NghhfS fFk; mj ;klyfS fFk; toptFjj J.
, fhyjjj py; hd; vyi yfs; thpthffk; nj hl qfpaJ.

klghz ;l qfs;

. njhyypay; Ma;T elej , lqfsy; fpi l fFk; Kffpakhd rhdW
klghz ;l qfshFk; , UkGf;fhy > rqqfhy kffs; fUgG kwWk; rptgG epwqfi s
klghz ;l qfS fFg; gadgLjjpdhfs; klghz ;l qfs; rikay > nghUs;fi sr;
Nrkggj wF > rhggpLtj wF vdgi; gadgLjjggld. fUgG kwWk; rptgG
klghz ;l qfs; csNs fUgghfTk > ntsNa rptgghfTk; fhz ggLk; ntspgGwk;
gsgsgghf , UfFk;

, UKGj ; nj hopy;EI gKk; c Nyhff; fUtprFS k;

. ngUqfwhfyf; fyyi wfsy; <kg; nghUI fshf Vuhskhd , UKGg; nghUI fs;
i tffggLssd. ths> Fwth; Nghdw fUtprfs>Nfhl hrfs> c srfs> tpsfFfs>
Kffhyprfs; Mfjai t fpi IjJssd.

, gngUI fsiy; rpytwppwF vYkG myyJ kuk; myyJ nfhkghyhd i fggpb
nghUjj ggl bUffpwJ. , UKGF; fUtprfs; Ntshz i kf;Fk> Ntli lahLj Yf;Fk>
cz T Nrfhggj wFk; NghhfS fFk; gadgLjj ggl;d. ntz fyf; fiz z qfs>
tprqF> gwi t cUtqfshy; mz pti ygghL nraaggl; fyqfs>
ntz fyjj pyhd Kfkghhf;Fk; fz z hb> kz prfs; Mfjai tAk; fpi IjJssd.

.....



9k; tFgG
myF 2

gz i l a ehfhpfqfs;

mwptKfk;

. rKj haqfs; Nkwnfhz; Nkkgll; thotpay; Ki wfs; gz i l a Ntli lahLjy; - cz T Nrfhj j y; FOf fs; kwWk; Gj pa f wfhy Ntshz i kr; rKj haqfs; thotpai y tpi xOqfi kT nfhz; jhf mi kej pUej d. efur; r%f qfshdJ r%f mLf Ffi sAk> edF j pl i kpl ggl i efuqfi sAk; nfhz bUej d. mthfs; i f tpi dj; j p wdfi sAk> tz p f k; kwWk; gz i khwW Ki wfi sAk> mwptpay; nj hopy; Elgj; j ftyi ki tAk> kwWk; mi kgG h j pahd murpay; mi kgi gAk; (nj hl f f epi y muR) nfhz bUej dh; , j dhy> gz i l a r%f mi kgGfsy; , UeJ , thfi sg; ghj j f fhl i 'ehfhpfk' vdw nrhyyhly; gadgLj j ggLf wJ. , j dhy> , thfs; , j wF Kei ja r%f qfi s tpi cah; thdthfs; vdw fUj p tpi f \$ l hJ. Vnddy; xtnthU gz ghLk; ehfhpfKk; j df; fhd j dj j thotpay; \$ wfi sf; nfhz Lssd.

gz i l a ehfhpfqfs;

. ehfhpfk; vdgJ xU KdNdwa> Ki wggLj j ggl i thofi f Ki w vdw fUj ggLf wJ. xU Fwggp i RwWr#oYfFk; gz ghL LfFk; Vwg cUthd j ftyi kgG vdw fUj j j f f thofi f Ki wi a Nehf p mJ , l Lr; nryf wJ. mj p f kh d vz z p fi fa y; kdj hfs; mUfUNF thotJ mtrpakhf w NghJ> mi t j pl i kpl y> Ki wggLj j j y> j dj j di k NgZ j y; Mfpatwi wf; nfhz L tej dh; gpdG> FbapUgGfi sj; j pl i kpl L cUthf f Ntz bapUej J. Xh; murpay; mi kgG cUthdJ> r%f k; xOqFgLj j ggl i J. cz T kwWk; i f tpi dg; nghUl f s p d; c wj j j p Ki wggLj j ggl i J. ehfhpfqfs; tbt k; ngw j; nj hl qf paJ k; kpf g; nghpa fl i qfi s vOggp dh; vOj J f; fi yi a cUthf f p dh; mwptpaYk> nj hopyEl gKk; r%f Nkkg h l bwFg; gqf h w w p d.

. vfigj pa> nkr gNI hkpa> rpeJntsp rbd ehfhpfqfs; gz i l a ehfhpfqfsy; Kf f pakhdi tahFk; , ej ehfhpfqfs; j i o j j mNj fhyfl i j j j y> cyf p d; kww gFj p f s y; thoeNj hh; Ntli lahLNthuhfTk> cz T NrfhpgNghuhf> Nkarry; fhuhfshf thoej hfs; Ntli lahLNthh; - cz T NrfhpgNghUk> Nkarry; r%f j j j p dUk; , ej ehfhpfqfNshL Clhl i qfs; %y k; c wT Ngz j; nj hl qf p dh; mthfsJ tuyhWk; mNj mst y; Kf f pakh d Jhd; , ej ehfhpfqfs; p d; rk fhyj j j y; nj d d e j p aht y; Gj pa f wfhy Ntshz i k Nkarry; rKj haqfS k> Ez f w f Ut p fs; gadgLj j k; Ntli lahLNthh; - cz T NrfhpgNghh; rKj haqfS k; thoej dh;

vfigj pa ehfhpfk;

. goi kahd ehfhpfqfsy; xdw h d vfigj pa ehfhpfk; gz i l a fhyj j pNyNa j dJ fl i l f fi y> Ntshz i k> fi y> mwptpay> i f tpi dj; nj hopy; Mfpatw w p d; tshrrpAl d; rpwgghd j hf j; j pfoej J.

Gt pay;

. Mgghp f f f; fz i j j p d; t l f p o f F %i ya y; vfigJ c s s J. f p o f Nf nrqf l y h Yk; t l f Nf k j j p a j i u f f l y h Yk; #oggl L s s J. vfigJ i ey; ej p ahy; nrpogg i l f w J. t p f Nl h h p a h V h p a y; c w j j p a h f p v f i g j j y; ghAk; i ey; ej p k j j p a j i u f; fl i y p y; f y f f w J.

• vfgggj pa ehfhpfk; i ey; ej p; nrogi g ekgp , Uej J. mj dhy; fNuff tuyhwwsh; n` NuhNI hl] ; vfgi j ` i ey; ej p; ednfhi l" vdW Fwggpl lhh; ej p Mz lNj hWk; Gj pa tz l y; kz i z f; nfhz L teJ gbtj j j hy; k j j pa i ey; rknts p nroggf , Uej J. , ej tz l y; kz ; Ntshz i ki ar; nroff i tj J c ghp c wj j pfF c j tpaJ. vfgj pa ehfhpf tshrrpfF tj j pl l J. i ey; ej p; , U gffqfSpYk; ghi ytdqfi sAk; fhz yhk;

• vfgj fl ytopahfr; r; r; j kpehl l l d; neUqfpa nj hl hgy; , Uej J. i ` fN] h] ; - vfgj p; 15tJ tkrj i j r; Nrhej Ml r; pahshfs; , thfs; NkwF Mrpahfj UeJ tej pUff; yhk;

ghurifhfs; - gz i l a <uhd; gFj pahd ghurifj j pUeJ tej thfs; fNuffk; - l NuhgghtpYss , di wa fh] ; ehl by; c ss kffi sAk; nkhoi aAk; FwggplFwJ.

• Nuhkhd; pahfs; - gz i l a Nuhkhd; Nguu r; Nrhej thfs; , gNguurp; j i yefuk; , j j hy; c ss Nuhk;

ghNuhffs> r%fk; kwWk; eht;thf;

• vfgggj pa murh; ghNuh (haroah) vdW nrhyyhy; mi of;fggl lhh; ghNuh nj at;F rfj p nghUej patuhff; fUj ggl lhh; ghNuht; Ml r; pahfs; (Vi z i er), MS ehfs> c sSh; Nkah> thp t#y;gNgh; vd mj pfhhf; sp; gb epi yfs; , Uej d. , ej mi kgG KOTi j Ak; fyntl lNthh> fyj r; r; hfs> kl ghz l k; nraNthh; j r; r; hfs> nrkGf; fUtp nraNthh> j qf Nti y nraNthh> t;trhahfs> nj hoi yshfs; c ss pl i ft; p d; fi yOh; sp; ci ogG j hq; f; g; g; j j J. eyk; murUf;F; nrhej khD. mJ mj pfhhf; S fFg; ghj j J; j ugg l UeJ. nghJ thf mbi k Ki w , yi y vdwhYk> rpi w; g; f; g; gl l lhh; mbi kfshf; gadg l j j ggl l hfs;

t;trah; (Vi z i er): ghNuht; fb; khfhz qfi s MS k; eht;thf;

• vfgj pahfs; kuz j j wFg; gwF tho;T , Uggj hf ekgp d hfs; vdNt mthfs; , wej thf; sp; c l y; fi s; g; j j g l j j p i t j j hfs; , t;thW c l i y; g; j j g l j j p i t f f k; Ki w f f k k k pahf; k; (mummi fi cation) vdW ngah; ghNuhff; sp; c l i y; ghJ fhf; f; g; p k l fi sAk; rkj p fi sAk; fl bdhfs;

• gyNtW tpi yAahej gyp nghUl fS l d; c ss Gfongww vfgj pa ghNuhtd ^l d; fhk d; (f;K. (ngh.M.K) 1322 K j y; 1322 ti u Ml r; Gh; j th) rkj p k k k vfgj p y f;] Uf;F mUNf c ss murh; sp; gssj j h f; y; c ss J. mtw k k k p; Kf%b j qf; j j hy; nraaggl L> gyNtW tpi yAahej fwfshy; myq; fhf; f; g; gl l s s J. mJ vfgj pa ehfhf; j j p; Kf; f; akhd nranghUshFk;

vfgj pa k k k f; s; g; j j g l j j g l ; , wej c l y; k k k v d g g l k; , wej thf; sp; c l y; fi s Nrhbak; fhgNdl> Nrhbak; i gfhgNdl; Mf; at w w p; fyi tahd ehl ud; c gG vdW xU ti f c g i t j J; ghJ fhf; Fk; tof; f; k; vfgj pah; i l Na , Uej J. ehwJ ehl fS f; F; gwF> c gG c l y; p; <uggj k; mi d j i j Ak; c w; Q; r; a gwF> c l i y k u j j } shy; e u g g p y p d; J z l fshy; R w w p J z pahy; %b i t j J t p l thhfs; c l i y r h h f N f h N g f] ; v d g g l k; f y y h y h d r t g n g l b a r y; g h J f h g g h h f s;

Ntshz i k kwWk; tz pfk;

• vfgj pahfs; NfhJ i k> ghhy; r; w j h d; p a q f s > f h a f w f s > g o q f s > f h f j e h z y; (ghggp])> gUj j p Mf; at w i w; g; g; nra; j h h f s; f h f j e h z y; f a w w g;

gha> nrUgG nraaTk> gpdh; fhfj k; nraaTk; gadgLj j ggl i J. mthfs;
khLfs> nrkkw kwWk; ntsshLfs> gdwfs; Mfpatwi wg; gof;fggLj j p
tshj j hhs; nfhba tpyqFfi s Ntl; lahbdhhs; ehafs> Gi dfs> FuqFfs;
Nghdw nryy; guhz pfi s tshj j hhs; vfigj pahfS fF nygdhd> fph]
/nghdhpah> ghy] j bk> rhpah MfpatwNwhL tz pf c wT , Uej J. j qfk>
ntssp j ej k; Mfpai t , wf;Fkj p nraaggl i d. yhg] ; yhRyp vdggl k; ehy
i t^hpaf; fyi y Mgfdp] j hdy p UeJ ngwwhhs;

fi yAk> fl i f; fi yAk:

. vfigj pah; fl i f; fi yapYk; gyNtW fi y tz z qfsYk; rpwgGwwpUej dh;
mthfs;J vOj;J Ki w\$lr; rj j p tbt py; , UeJ tej J jhd; , qF fhz ggLk;
vz z ww rpwqfs> Xt paqfs> gi l gGfs> vfigj pahfspd; fi yahwwYf;F rhdw
gfhp dwd.

. ghNuhf;fspd; rkjh pshff; fl i ggl i guk khz i khd epi dTr; rpdqfs;
gukpLfs; MFk; nfaNuhtwF mUf py; c ss guk pLfs; fp] h guk pLfs;
vdwi of;fggLf p dwd.

] gqf;] pd;

guk khz i khd rpi y rpf c i Yk; kdj KfKk; nfhz i Rz z hkGf;fy; gbkk;
ghNuh fhh/gnu Ml rpf; fhyj j py; (fpK. (ngh.M.K) 2575 □ 2465) vOgggl i
, ggi l gG vOg;J %dW kl i h; eSkk> , UgJ kl i h; c auKk; nfhz i J. c yfpd;
c aukhd rpwqfspy; xdwhf] gqf;] ; fUj ggLfpwJ.

kj k;

. vfigj pahfs; gy njatf; nfhsi fi af; fi l gbj j dh; mNkhd>
Nu>Nrj >Nj hj > N` hu] > mDgp] ; Mfpa gy fl Tsfs; vfigj py; , Uej d. mtwpy;
#hpaf; fl Tshd Nu Kj di kahd fl Tshf , Uej J. gpdh; , ffl Ts; mNkhd;
vdW mi of;fggl i J.

j j ;J tk> mwptay> , yffpak;

. vfigj pa ehfhp k; mwptay> , yffpak> j j ;J tk> thdtay> fz ij k> mstL
Ki wfs py; rweJ tpsqfpaJ. #hpa fbfhuk> eh; fbfhuk> fz z hb Mfpai t
vfigj pahfshy; fz Lgpf;fggl i t. mthfs; #hpa d mbggi lahf i t j ;J xU
ehl fhl bi a c Uthf;fpdhhfs; mj py; 30 ehl fs; nfhz i 12 khj qfs; , Uej d.
Mz bd; , Wj pay; l eJ ehl fi sr; Nrj ;J fnfhss Ntz Lk; , ej Ki w fpK.
(ngh.M.K) 4200 NyNa c Uthf;fggl L t p i J. , yffpag; gi l gGfs py; fz ij k>
thdtay> kUj ;J tk> khej hp k> kj k; Fw j ;J vOj ggl i t Ak; cz L.
vfigj pahfs; Xt pak; j l i y> rpwgk> kl ghz i k; nraj y> , i r nerT Mfpatwpyk;
rweJ tpsqf;pdhhfs;

vOj;J Ki w:

. vfigj pahfs; j kJ vOj;J Ki wffhfg; Gfongwwthfs; , thfsJ vOj;J
i ` Nuhf;spgf; (rj j p vOj;J Ki w) vdW mi of;fggLfpwJ. , ej vOj;J ti f
epi dTr; rpdqfspy; c ss Kj j pi u kwWk; , j u nghU l fspy; gadgLj j ggl i J.
nghJ thd j fty; njhl hGfF n` hbf; vOj;J gadgLj j ggl i J. , J gpfNI hfpuk;
vdggLk; rj j p vOj;J tbt khFk; , J Rkhh; fpK. (ngh.M.K) 3000 , y;
c Uthf;fggl i J. , ej vOj;J j g; gadgLj j p Vuhs khd Gj j f qfS k; guj p fS k;
vOj ggl i d. , gNghJ yz i d py; ghpl b~; mUqfhl rpa f j j py; fhl rpf;F
i t f;fggl bUf;fpwJ.

vfigj pa ehfhp j j pd; j di kfs k; gqf;spgGk;

- vfiqj pahfs; #hrai d mbggi lahff; nfhz j ehl fhl bi a c Uthffpdhhs;
- gupLFS k> mtwwpd; tbtikgGk; mthfsJ ey msi t kwWk; fz gj j;
j pd;fi s ntsggLj J fpdwd.
- i` Nuhfispf;] ; vOj;J Ki w> mthfspd; FwpaLfi sg; gadgLj;Jk;
j pwi df; fhl Lfpdwd.
- kkkpFS k> , wej cly;fi sg; ghJ fhggJk; kwnwhU Kf;fpakhd
gqfs;ggghFK;
- mwptay> nj hopyEl gqfs;py; GJ Kawrpf; Nkwnfhs;sggl; d.

Ngggh; vdw nrhy; "ghggp]" (Pyrus) vdw jhtujjpd; ngahypUeJ tejJ.
vfiqj pahfs; fhfj ehz y; (ghggp]) vdw jhtu jz bypUeJ jhs;fi sj;
j ahgj j dh; , j j thuk; i ey; gssj j hf;py; mj pfkhf tshej J.

nkrGNI hkrah ehfhfk;

- nkrGNI hkrah vdgJ NkwF Mrpahtpd; <uhf> Fi tj; gFj pfi sf; Fwppf;fwJ.
fpK. (ngh.M.K) %dwhTJ Mapukhz bd; Jtff; j j py; , ggFj ppa; gy efuq;fi sr;
Rwwp; gy muRfs; c Uthfpd. , ggFj ppy; RNkhpa> mNfhpa> ghypNyhdpa> m] thpa
ehfhpfq;fs; j i oj Nj hq;pd.



Gtpray;

. fprNuff nkhopray; 'nkN] h" vdwhy; 'eLtpy' vdWk> 'nghNI hk]" vdwhy; MW vdWk; nghUs; , qF ghAk; Agub] > ilfhp]; vdW ejpfs; ghurf ti sFlhty; , iz fcdwd. , ej , uz L MWfS ffpilary; , Uggj hy; nkrNI hkpah vdggLfcdwJ. nkrNI hkpah: tlgFjp m] pphah vdW mi offggl] J. nj dgFj p ghgNyhdph MFk;

RNkphafs;

. nkrNI hkpah: goi kahd ehfhpfk; RNkphafs ilaj hFk; RNkphafs; rpeJntsp kwWK; vfgj pa ehfhpqfspd; rkfhyyj thfs; , thfs; mi dtUk; xUtNuhl hUth; tz pfj; nj hl hG nfhz bUej dh; fK. (ngh.M.K) 5000 □ 4000 fhyfl] qfsy; RNkphafs; fb; ilfhp]; gssjj hffpy; FbNawpdhhfs; mthfs; kjj pa MrpahypUej tej j hff; fUj ggLfcdwJ. mthfs; gy efuqfi s cUthf;pdhhfs; epGh; vdgJ xU Kffpakhd efuk; mthfs; fAdpghhk; vdW Kfnfhz tbt vOj] Ki wi a cUthf;pdhhfs;

. RNkpa ehfhpj jpd; nj hl ff fhyfl] j jpy; murh;fNs j i yi k kj FUf;shf , Uej hfs; , thfsJ murpay; Mj pffk; fK. (ngh.M.K) 2450 thffpy; KbtwF tej J.

mffhbaafs;

. fK. (ngh.M.K) 2450 Kjy; 2250 ti u Fwpa fhyjjwF mffhbaafs; RNkphahpy; Mj pffk; nrYj jpdhhfs; rhhfh; vdgth; xU Gfongww mffhba murh; rhhfhDK; mtwJ thhRfSk; 100 Mz LfS fF Nky; (fK (ngh.M.K) 2334 Kjy; 2218 ti u) Ml rGhej hfs; mffhbaafsp; fAdpghhk; Mtz qfs; rpeJntsp ehfhpj j j f; FwggLfcdwd. rhhfhdp; fAdpghhk; Mtz qfs; (fK. ngh.M.K) 2334 □ 2279) nkY` h> khfd> j py;Kd; Mpa , lqfsypUej tej fgy;fs; mffhba Ji wKf; qfsy; epdwj hff; \$Wfcdwd.

mffhl ; efuk; j hd; gpdh; ghgNyhd; vdW mi offggl] J. , J NkwF Mrpah; tz pf> gz gh] L i kakhf j pfoej J.

ghgNyhdphafs;

. mNkhi ul]; vdwi offggl] Aj kffs; mNugrag; ghi ytdqfsypUej nkrNI hkpahwFf; Fbngahej hfs; ghgNyhi dj; j kJ j i yefukhff; nfhz] hfs; mthfs; ghgNyhdphafs; vdW mi offggLfpwhhfs;

. ghgNyhdpa murh; ` Kuhgp j kJ Mj pffj j j nkrNI hkpah: NkwFg; gFj pff thhthf;pdhh; , i j j; nj hl heJ rfj p thaej muRfshd ch; (fK (ngh.M.K) 2112 Kjy; 2004 ti u)> ghgNyhd; (fK.(ngh.M.K) 1792 Kjy; 1712 ti u) cUthf;pd. fpy;fhk~; vdW cyf;pd; Kjy; fhtpaj jpd; fj hehafd; xU RNkpa muruhf , Uej pUf;fyhk; vdf; fUj ggLfcdwJ. ghgNyhd; MwhTJ muruhd ` Kuhgp (fK. ngh.M.K) 1792 □ 1750) khngUk; rli qfi s , awmpaj w;fhfg; Gfo; ngwwth;

m] pphafs;

. fK. (ngh.M.K) 1000 fhyfl] j j py; nkrNI hkpahpy; m] ppa muR murpay; hp pahfr; nry;thf;fhf , Uej J. m] pphah: j i yi kf; flTshd m] {h; m] ppa murh;fshy; tz qfggl] J. m] ppa muR Nguuruhy; flLggLj j gg] J. mqF khfhz MS ehfs; , Uej hfs; m] pphah: j i yefuk; m] {h; MFk; m] pphag;

Nguurpd; Gfongww murh; m] {hgddghy; (f)K. (ngh.M.K) 668 □ 627) vdgth; mth;
f)A-dighhk; Mtz qfs; nfhz } Gfo; ngww E}yfjij c Uthffpdhh; m] hphafs;
ykh] { vdw fhfFk; nj atjij togldh;

r%fk> mur kwWk; eht,hfk;

. RNkha ehfhfjjjy; gy efu muRfs; , Uej d. mthfsJ efukl;
Ntshz i k epyqfshy; #oggl bUej J. kj pyRthfshy; #oggl RNkha
efuqfspy; kjjjjy; r)Fuhl; vdgglk; Nfhty; , UfFk; Nfhty; kj FUKhhfs>
vOjjhfs> guGffs; Mf)Nahh; murhqfjjj; mqf,qfshf , Uej dh; r%fg;
gbeji yaid; c rrpjy; Ml r)raNthUk> kj FUKhfSk; , Uej dh; murNu j i yi k
kj FUKhuhfTk; , Uej hh; vOjjhfs> tz pfhfs> i ftpi df; fi yOqfs; mLjj
epi yajy; , Uej dh; vOjjhfs; thp t#y; fz fFfi s ehtfjij dh;

. kj FUKhhfs; thp t#y; nraj dh; thpahf t#y)ffggldtwi wr; Nrkkj J
i t)Fk; f)l qf)ff; Nfhty)fs; gadgld. muR eht,hfjjj; mqfkhf ri gfs;
, Uej d. rhFgb nraaf; j Uej epyqfs; mi dj Jk; murUfFk; cah;
tFggpdUfFk; nrhejkhditahf , Uej d. Mukgfhyjjjy; Nfhty)fs fF
mbi kfshf , Uej t)trhafs; gpdh; t)lji y ngwwdh; kffs; mi dtUk;
efujjjy; t)rf) mDkj pf)fggl t)yi y.

m] hrag; Nguur cyf)j; K)jy; , uhZ t muR vdf; fUj ggLf)dwJ. mthfs; xU
t)pi kahd , uhZ t rf)j)ahf c Uthtj wfhd fhuz k> , UkGj; nj hopy; El g)ij
ed)F gadg)ljj)ai kjhd;

cz Tk; Ntshz i kAk;

. nkr)NI hk)ahf)pd; Kff)aj; nj hopy; Ntshz i kahFk; mthfs;
Ntshz i kff)j; Ji z Gha ehgghrdKi wfi s Nkkg)ljj)ap)Uej dh; NfhJi k>
ghhy> ntqfhak>E)YNfhy> j)uhli r> Mgg)ps> Ngh)ri r Mf)atwi wg; ga)pl)dh;
khLfs> nrkkwahLfs> ntsshLfs; Mf)atwi w tshj)dh; k)l; mthfsJ
Kff)ja cz thf , Uej J.

tz pfKk; gh)khwwKk;

. tz pfk; nkr)NI hk)ra r)f)jj)j; Kff)akhd nghUsh)hu el t)bf) fahf
, Uej J. klghz i k; nraNthh> i ftpi df; fi yOqfs; Mf)Nah)J c wg)j)pf)sp)j;
gh)khww)j)w)F tz pfhfs; c)j)t)dh)h)fs; mthfs; Nkw)fy; r)h)ah> M)rah i kd)h>
f)pf)fy; <uhd> r)j)ntsp) Mf)ra , l)q)NshL tz pfk; nraj dh; mthfs;
f)ggy)fi sg; gadg)ljj)j)dh; mthfsJ Nfhty)fs; t)q)pf)sh)fr; nraygl)l)fd;
toq)fd. t)l)ba)l)dh; myy)J t)l)ba)py)h)ky; fd; toq)fggl)l)Jk> j)l)Ugg)
nrY)jj)ggl)l)Jk; nkr)NI hk)ra Mtz qfs; %yk; nj h)at)Uf)w)J. fl D)ff t)l)ba
th)q)Ft)J Fw)jj cyf)j; K)jy; vOj)JG)h)tkhd Mj hukhf , J , Ufff; \$Lk;

efuqfS k> efu mi kgGk;

. efuqf)sp)j; t)l)fs; fs)kz; myy)J Rl) nrq)fw)shy)hd Rthf)S)l)dh>
f)j)T)fi s)ak; nfhz b)Uej d. r)pyh; efU)FF nts)Na ehz y; Fbi r)fs)py;
tr)jj)hh)fs; eh)pd; i kaj)jj)j; Nki l) k)l) r)Fuhl; vdgglk; Nf)h)ay)fs; fl)l)ggl)l)dh.
mi t) nrq)F)jj)hd gu)k)l)fs; Nghy; fh)l)rf)fs)jj)dh. c r)rf)F)fr; nry)t)j)w)Fg;
gb)ff)l)l)fs)l)dh; mi t) mi kej)l)Uej d. Nfht)pi)yr; Rww)rl)q)F)FS)ff)hd
j)ho)th)u)q)fs>Gd)j , l)q)fs> Mz; kw)Wk; ngz; kj FUKhh)fs)pd; fyyi)w)fs>
rl)q)F)FS)ff)hd t)l)Uej muq)F)fs> nj h)op)w; \$l)q)fs> fs)Q)ra)q)fs> f)l)q)F)fs>
eh)th)ff; fl)bl)q)fs; ml)q)fa tsh)q)fs; , Uej d.

kj k;

. RNkhpa kjk; gy fITs; NfhghL nfhz; J. mthfs; gytj khd Mz > ngz; fITs; fis tz qfidh; RNkhpahfs; vdyry; vdw fhwW kwWk; Mfhajj wfhhd fITi s tz qfidh; , fITs; pd; Nfhtr; epgGhy; , Uej J. epdy; pd; vdgJ jhdajj wfhhd ngz njatk; ghgNyhdpahfs; khLf; vdw fITi s togl; hhs; m] h; pahfs; pd; j i yi kf; fITs; m] hh; MFk; ,] ; hh; vdw ngz ; njatk; mdG kwWk; tsi kffhd njatk; MFk; fly; kwWk; Foggj wfhhd fITs; bahkl; MFk; rejuf; fITs; rpd; fITs; bahkl; MFk; Gk; pah; njatqfs; pd; guj; rej; pfshf murhfs; fUj ggl; hhs; nkrGNI hk; pahfs; Gi dTfshYk; fl; Lf; fi j fshYk; Vuhs khd Guhz qfi s c Uthff; pd; hhs; , twwry; xdw hd f; y; fhk~; , dwsTk; GfongwW tpsqFti j f; p; A; d; ghk; vOj; J tbtqfs; %yk; mwayhk; i gg; sy; nrhy; yggLk; Neh; t; pd; Ngi o> , eJ Guhz qfs; y; cyfk; Nj hdw; p; a; J gw; w; p; tUk; ntssk; Fw; j; j; fi j fi sg; Nghy; Nt , j; p; Yk; ntssk; gw; w; p; a; fi j c ssJ.

~ Kuhgp; pd; r; l; j; ; nj hFgG;

. gyNtW Fw; w; q; f; S; f; fh; d; r; l; j; q; fi; s; f; \$Wk; xU Kff; p; akhd r; l; j; Mtz; k; ~ Kuhgp; pd; r; l; j; ; nj hFgG MFk; FLkg ch; i; kfs> tz p; f; k> mbi k Ki w th; fs> \$yp Nghd; w; gyNtW Fw; gg; l; l; tof; Ffs; Fw; j; J , j; y; 282 gh; p; Tfs; c ssd. ~ Kuhgp , ej r; l; j; ; nj hFgi gr; #h; p; af; fl; Tshd rkh~ p; l; k; p; Ue; J ngWt; J Nghy; fy; y; y; ; tbf; f; ggl; l; r; w; gk; c ssJ. , J gi oa r; l; j; q; f; s; pd; nj hFgghFk;

, J gop; f; Fg; gop thqFk; nfhs; i; fi a mbgg; i; lahff; nfhz; j; J. "fz; Z f; Ff; fz; ;> "gy; Y; f; Fg; gy;" vdw nfhs; i; fap; d; mbgg; i; l; ap; y; mi kej; J.

f; p; A; d; ghk; - RNkhpa vOj; J Ki w:

. RNkhpa vOj; J Ki w f; p; A; d; ghk; vdw mi of; f; gg; Lf; w; J. vOj; J ffs; MgG tbt; y; , Ugg; j; hy> mj wF , gngah; , l; ggl; j; J. f; p; K. (ngh.M.K) 3000 fhy; fl; j; j; j; y; c Uthd , kKi w> cyf; pd; goi kahd vOj; J Ki wfs; y; ; xdw hFk; tz p; fg; gh; k; h; w; w; q; f; S; f; Fk> fbj; q; fs> fi j fs; vOj; J tj wFk; , ej vOj; J Ki wi ar; RNkh; pahfs; gadg; Lj; j; pd; h; h; fs; , ej vOj; J ffs; vOj; ggl; l; R; l; f; s; p; kz; gyi ffs; RNkhpa eh; fh; p; f; k; gw; w; p; Vuhs khd j fty; fi sj; j Uf; pd; wd.

vOj; J kwWk; vOj; J Ki w c Uthffk; vOj; J c Uthff; ggl; j; J kd; j; Fy tuyh; w; w; y; ; xU Kff; p; akhd i ky; fy; y; hFk; f; p; K. (ngh.M.K) 4000 Mz bd; gp; w; g; Fj; p; ay; ; RNkh; p; a; ht; y; ; vOj; J Ki w c Uthd; J. i ~ Nuh; f; s; p; g; p; f; ; vdg; g; Lk; r; j; j; p; u vOj; J Ki w vdw v; f; g; j; p; a vOj; J Ki w f; p; g; p; (ngh.M.K) %d; whk; Ma; p; uk; h; z; bd; J; t; f; f; j; j; y; ; c Uthd; J. , Nj fhy; fl; j; j; j; y; ~ uggh kff; S; k; xU t; j; vOj; J Ki wi a g; p; d; g; w; w; p; d; h; h; fs; ; v; d; p; Dk; r; p; e; J; nt; s; p; vOj; J ffs; , dd; Kk; th; r; j; J; g; G; h; p; e; J; nf; h; s; s; g; gl; t; y; i; y. r; b; e; h; fh; p; f; Kk; Mukg fhy; j; j; y; p; Ue; Nj j d; f; n; f; d; W xU vOj; J Ki wi a c Uthff; p; a; J.

fi y:

. nkrGNI hk; p; af; fi y; ay; ; fy; kwWk; f; s; p; kz; z; y; ; nraj r; w; g; q; f; S; k; ml; q; Fk; r; y; X; t; p; a; q; f; S; k> tz z; k; j; l; l; ggl; l; r; w; g; q; f; S; k; , dWk; fhz; gg; Lf; pd; wd. MLfs> f; p; l; h; f; fs> fhi sfs> r; p; q; f; q; fs; Nghd; w; t; y; q; Ffi sr; r; w; g; k; h; f; t; b; j; J; s; s; h; h; fs; ; kd; j; j; ; j; i; y; nfhz; j; r; p; q; f; k> fhi s Nghd; w; Guhz tbt; q; f; S; k; nr; J; f; f; ggl; L; s; s; d. m] h; p; a> ghg; N; y; h; d; p; a; g; Nguu; R; f; s; pd; fhy; q; f; s; y; ; k; p; f; g; u; k; k; h; z; j; kh; d; r; p; i; y; fs; c Uthff; ggl; l; d.

m; w; p; t; p; ay;

. nkrGNI hk; p; ahfs; fz; j; k> th; d; t; p; ay> kUj; J; tk; Mf; p; a; t; w; w; y; ; r; p; w; e; J; t; p; s; q; f; pd; h; h; fs; ; ngUf; fy> tFj; j; y> Kkkbr; rkdghL Mf; p; a; fUj; J; fi sAk;

mthfs; cUthffpdhhs; mthfs; 601 mbggi lahff; nfhz;l xU vz;
Ki wi af; fz Lgpbj j hhs; mj d; %ykhfj jhd; ekf;F 60 epkl qfs; nfhz;l xU
kz p Neuk> 24 kz pNeuk; nfhz;l xU ehs> 360 ghi ffs; nfhz;l tllk; Mfpat
fpi ljj d. RNkhpā ehl fhl bap; xU thuj j wF VO ehl fs; mthfsJ vz;
Ki wapy; , yffqfS fF , l kj gg cz L. mthfs; ehf; fbfhuj j j Ak> rej ui d
mbggi lahff; nfhz;l ehl fhl bi aAk; cUthffpdhhs; mthfs; guggsT>
j pl gnghUl fs; Mfpatwi w mstpl tj wfhd Ki wfi sf; fz Lgpbj j hhs;
Nkkgl;l vi l kwWk; msi t Ki wfi s gadglj j pdhhs;

• rej ui d mbggi lahf i tj;J 12 khj qfs; nfhz;l ehl fhl b Ki wi a
cUthffpdhhs; mthfsJ fUj Jfs; fNuff thdtay; kU j hffk; nrYjj pd.
mthfs; kUj ;Jt Ki wi aAk; cUthffpdhhs; fK (ngh.M.K) 11k; E}wwhz by;
Neha; mwj Yffhd xU i fNal i l Ak; cUthffpdhhs; , J NehafS fhd
mwj Fwfi sAk> mtw w fhd kUeJ fi sAk; gl bayl f wJ. , J
%ypi ffs; j hJ ffs; gw w pā mthfsJ mwptay; mwpi t vLj Jf; fhl ;L tj hf
cssJ.

nkrngNI hkpa ehfhpfj j pd; gqfsgG:

- RNkhpahfs; jhd; Fathfs pd; rffuj i j Kj ypy; fz Lgpbj j hhs;
- 360 ehl fs; nfhz;l ehl fhl bi aj; jahhjj hhs; xU tllj j j 360
ghi ffs; hf; ghjj hhs;
- f pAdighhk; vOj ;J Ki w mthfsJ gqfsgGj hd;
- ` Kuhgpapd; rllj; nj hFgG nkrngNI hkpahfs pd; kwnwhU rhj i d.

rbd ehfhpfk;

• kQrs; MW vdgglk; N` hthq; N` h MWk; ahql rp MWk; rbdhtpd; , U
ngUk; MWfshFk; mbf;fb j d; Nghfi f khw w f; nfhs; tj hYk; ntssg; ngUfi f
VwgLJ;J tj hYk> kQrs; MW rbdhtpd; J auk; vdggl f wJ.

• rbdhtpy; nj hy; goqfhyj J gffq; kdj d; (, di wfF Rkhh; 7:00:00 Mz Lfs;
KKddh; Kj y; 2:00:00 MZ Lfs; ti u> AthdkhNth kdj d; thoej J Fwjj
rhdWfs; cssd. fK. (ngh.M.K) 4500 Kj y; 3750 ti u Gj pā f w fhy; r%f qfs;
rbdhtpy; thoej J ssd. kQrshW rkntspapd; n` dhd; khfhz j j pYk> ahql rp
MwWr; rkntspapYk; Gj pā f w fhy fuhkqfs; , Uej j w fhd rhdWfs;
fpi l j J ssd. rbdhtpy; gy efu muRfs; , Uej d. fhyg; Nghf; fpy; , ej muRfs;
Nguurpd; gFj p fshf khw pd.

murpay; mi kgGfS k> NguuRfS k:

• ~p ` {thq; b (Ftpd; ~p ` {thq; Kj y; Nguurh; vdW nghUs) vdgth;
Ftpd; (rpd) , ej g; NguurUfF "Rthf;fj j pd; Gj y; th" vdw gl i k; , Uej J.
, thj hd; rbdhtpd; Kj y; Nguurhff; fUj ggL f w h h; , ej f; fhyk; (fK (ngh.M.K)
221 □ 206) rbdhtpd; NguuRf; fhyk; vdW toqf ggL f w J. mth; fK (ngh.M.K)
221 , y; mUfpy; css gFj p fi sAk; kww rpwuRfi s ntdW fK. (ngh.M.K)
212 ti u Nguurhf Ml rp nrajhh; mth; epygg u Gffi s ntdW ty pi kahd
Nguu r cUthffpdh; rbdhi t xNu murhf khw w ath; vdw ngUi k mtUfF
cz L. ~p ` {thq; b gy muRfs pd; Nfhl i l fi sAk; j fhj j h h nts p ay; , UeJ
CLUTk; ehNI hbfi sj; j Lff rbdg; ngUQRti uf; fl bdhh; Nguu r , i z ffr;
rhi yfi s mi kj j hh;

• ` hd; NguuR f p p (ngh.M.gp) 206 □ 220.

• , ej f; fhyfl i j j pNyNa , ej g; NguuR Fwjj J vOj ;Jg; Gh tkhd rbd tuyhW
vOj ggl LssJ. ` hd; Nguurhfs py; r w e j tuhd ` { b (` hd; T+ kf h ` hd; T+

fPK. (ngh.M.K) 141 □ 87) Nguu r t h p T g L j j p g h r d f; F s q f s; c s s p l i g y
ngh J t r j p f i s r; n r a j h h; fPK. (ngh.M.K) 138 , y; m t h; N k i y e h L f S f F j d J
J j u h f [h q; F n a i d m D g g p d h h; m j d; % y k; fPK. (ngh.M.K. 130 , y; g l L g;
g h i j i a j; (S i l k R o a d) j p w f f t o p t F j j h h.

. g l L g; g h i j a p d h Y k > m j d h y; c z i h d t z p f j; n j h l h G f s h Y k; [h q;
N g u u r h; (f p g p (n g h . M . K) 7 5 □ 8 8) f h y j j p y; r b d h V u h s k h d e d i k f i s m i l e j J .
n g h . M . 1 6 6 , y; N u h k h d p a g; N g u u r h; k h h f;] ; m N u y p a] ; f h y j j p y; r b d g; g l L
N u h k h d p a h f s p i l N a k p f T k; G f o; n g w w U e j J . r b d g g l L f s p y; x U g F j p j k p o f
J i w K f q f s; t o p N a N u h k h G h p n r d w p U f f f f; \$ L k;

RLkz ; nghki k , uhZ tk;

. r b d h t p y; g y E j w W f f z f f f h d , u h Z t t h f s p d; R L k z ; n g h k i k
r p w g q f s; f z L g b f f g g l L s s d . , i t K j y; r b d h g; N g u u r u h d F t p d; ~ p
` { t h q f p d; , u h Z t j i j g p j p g y p g g j h f f; f U j g g L f p w J . , i t f p K . (n g h . M . K) 2 1 0
□ 2 0 9 f h y f l i j j p y; m u r U l d; m t U i l a f y i w a y; G i j f f g g l j h f j;
n j h p f d w J . , i t ~ h d f p k h f h z j j p y; r p a h d; v d w C h p p U e j J 3 5 f p k f
t l f f p o f N f c s s y p ~ h d; k i y a b t h u j j p d; t l f f p y; c s s m u r h p d; f y i w a y;
c s s d .

j j ; J t K k > , y f f p a K k;

. y h N t h l ; R > f d G r p a] > n k d r p a] ; N k h b (N k h l ; [} > j h N t h r p d; (f p g p
(n g h . M . g p) 3 6 5 □ 4 2 7) N g h d w j j ; J t Q h d p f S k > r b d f; f t p Q h f S k; r b d
e h f h p f j j p w f V u h s k h f g; g q f s p j J s s h h f s; , u h Z t c j j p a h s u h d r d; l #
' N g h h f; f i y ' v d w E j i y v O j p d h h; j p] g h p q; m z i ; M N l h k; m d y;] ; (t r e j f h y >
, i y A j h f h y M z L F w g G f s) v d w E y; m j p f h u g G h t r b d m u R E y h f
m q f f h p f f g g l j J . k O r s; N g u u r h p d; N f d d;] ; M / g; n k b r p d; (k U j ; J t f;
F w g G j ; n j h F g G f s) v d w E y; r b d h t p d; g o i k a h d k U j ; J t E y h f f;
f U j g g L f p w J . m j ` h d; t k r f h y j j p y; K i w g g L j j g g l j J .

. y h N t h l R (f p K (n g h . M . K) 6 0 4 □ 5 2 1) n r s m u r p d; j i y i k M t z f;
f h g g h s u h f , U e j h h; , t h j h d; j h N t h a r j i j j ; N j h w W t p j j d h; M i r j h d; m j j i d
J d g q f S f F k; % y f h u z k; v d W , t h; t h j p l i h h;

. f d G r p a] ; (f p K (n g h . M . K) 5 5 1 □ 4 9 7) x U G f o n g w w r b d j j ; J t Q h d p
m t h; x U m u r p a y; r h j p U j j t h j p m t u J n g a U f f " j i y t h; (F q) " v d W n g h U s;
m t h; x U t u J j d g g l j t h o f i f i a r h j p U j ; J t i j t y p A W j j p d h h; " x U t u J
j d g g l j t h o f i f r h j p U j j g g l i h y > m t u J F L k g t h o f i f K i w g g L j j g g L k;
F L k g k; K i w g g L j j g g l L t p l i h y; N j r t h o T F i w g g L j j g g l L t p L k " > v d W
F w p g p L f p w h h;

. n k d r p a] ; (f p K . (n g h . M . K) 3 7 2 □ 2 8 9) k w n w h U G f o n g w w r b d
j j ; J t Q h d p a h t h; m t h; r b d h K O t J k; g a z k; n r a j M l r p a h s h f S f F m w p T i u
\$ w p d h h;

r b d v O j ; J K i w;

. k p f g; g z i l a f h y j j p N y N a r b d h f s; x U v O j ; J K i w i a
c U t h f; f p t p l i d h; M u k g j j p y; m J r j j p u v O j ; J K i w a h f , U e j J . g p d d h; m J
F w p a l L K i w a h f k h w w g g l j J .

r b d e h f h p f j j p d; g q f s p g G;

- . v O j ; J K i w i a N k k g L j j p a J
- . f h f j k; f z L g p j j J

- gl:Lg; ghi j i aj ; j pwejj J
- ntbkUei j f; fz Lgpbj j J.

rpeJntsp ehfhpfk:

• ` uggh ehfhpfk; vdWk; mi offggLk; rpeJntsp ehfhpfk; , ej phtpYk> ghfp] j hdpYk; Rkhhp 1.3 kpyypad; rJu fNyhkl;l hfs; gutpapUej J. NkwNF ghfp] j hd; - <uhd; vyi yary; css Rl:fh[n[d; - NI hh> tlfNF N~hhLi f (Mg:fd] j hd) fofNF Myk:fhGh; (Cj j j ugnUj rk; - , ej pah)> nj wNF i l khghj; (k` huh~:uh - , ej pah) Mfpa , l qfi s vyi yfshfj; nfhz :J. , eehfhpfk> , gguggy; ` uggh ehfhpfj Jffhd gy rhdWfs; fz LgpbffggLssd. , eehfhpfk> gutpAss Kffpa gFj pfs; F[uhj> ghfp] j hd> , uh[] j hd; kwWk; ` hpach.

j pl;l kpl ggl;l efuqfs;

• ` uggh (gOrhg> ghfp] j hd)> nkh` Orj hNuh (rpeJ> ghfp] j hd)> Nj hyhtpuh (F[uhj> , ej pah)> fyrgq:fd; (uh[] j hd> , ej pah)> Nyhj hy; (F[uhj> , ej pah)> ghdtthyp (uh[] j hd> , ej pah) uhfpfhp (hpahdh> , ej pah) Rhnfhl h (F[uhj> , ej pah) Mfpai t rpeJntsp ehfhpfj j pd; Kffpakhd efuqfs;

• ` uggh efuqfs:py; kj py; Rthfs> edF j pl;l kpl ggl;l nj Uffs> reJfs> fopTehf; fhy:thafs; Mfpai t fhz ggLfpdwd. ` uggh kffs; RI:l> RI hj nrq:fwfi sAk>

` uggh j hd; Kj ypy; fz LgpbffggL , l k; vdgj hy> rpeJntsp ehfhpfk; ` uggh ehfhpfk; vdWk; mi offggLfwpJ. , ej ehfhpfk; rpeJ ej pff mgghYk; gutpAssj hy; rpeJntsp ehfhpfk; vdW Kddh; mi offggLj wF khwhf rpeJntsp ehfhpfk; vdW mi offggLfwpJ.

• fwfi sAk> fl:LkhdqfS fFg; gadgLj j pdhhfs; c sshl rp mi kgG xdW efuqfs:pd; j pl;l kpl i y fl:LggLj j papUfff; \$Lk; rpy tLfs:py; khbfs; , Uej d. nkh` Orj hNuhtpy; css khngUk; Fspay; Fsk; xU Kffpakhd fl:LkhdkhFk; , fFsjj pd; mUNf edF j skpl ggl;l gy mi wfsk; cssd. Nj hz bnaLf:ggL;l rpy fl:Lkhdqfs; fsQrpaqfs; Nghy; fhz ggLfpdwd. ` ugghfspd; muR mi kgG gwwp ekfF tguqfs; nj hpatpyi y. Mdhy> gz i l a muR Nghdw xU murpayi kgG xdW , Uej pUff Ntz Lk; nkh` Orj hNuhtpye:J fpi l j Jss xU rpi y "G+rhhp murd;" vdW mi lahsk; fhll ggLfwpJ. Mdhy; mJ rhpahdj h vdW c Wj pggLj j Kbatpyi y.

Ntshz j kAk; fhyei l tshgGk;

. ` ugg h kffs; Ntshz j kary; <Lgl; dh; mthfs; NfhJi k> ghhy kwWk; gytj kh d j pi d ti ffi sg; gahpl; hhfs; , uli l r; rhFgb Ki wi aAk; mthfs; fi l ggpbj j hhfs; ML khL tshj j Yk; mthfS fFj; nj hpej pUej J. khLfs> nrkkw ahLfs> ntsshLfi sAk; mthfs; tshj j hhfs; ahi d c ssp l gy tpyqFfs; gwwp mwpej pUej hhfs; Mdhy; Fj pi ufi sg; gadgLj j tpyi y. ` ugg htpd; khLfs; n[G vdwi offggLk; , J XU nghpa ti f kh lbd; , dk; rpeJntsp Kjj pi ufsy; , tti fahd nghpa fhi s cUtk; gutyhff; fhz ggLf p wJ.

kl ghz l f; fi y;

. ` ugg h kffs; xtpaqfs; j l l ggl l kl ghz l qfi sg; gadgLj j pdhhfs; kl ghz l qfs; Mokhd rptgG tz z k; Grggl L fUgG epw Xtpaqfs; j l l ggl l i t. gl k; i tjj j l l j hdpak; Nghdwtwi wr; Nrkg j i tggj wfhd [hbfs> Ji sapl ggl l [hbfs> Nfhgi gfs> 'S' tbt [hbfs> j l l fs> rpWj l l fs> f p z z qfs> ghi dfs; vdW gytj kh d kl ghz l qfi sr; nraj hhfs; mthfs; kl ghz l qfsy; rj j uqfi sj; j l l bdhhfs; murku , i y> kb; nrj py xdi wnahdW ntl l k; t l l qfs> FWfFk; neLfFkh d NfhLfs> fpi l f; Nfh l G; gl i l fs> fz j tbt pay; ([Nahkj p) tbtqfs> nrb> nfhbfs; vdg; gyNtW Xtpaqfi sf; fUgG epw j j py; j l l bdhhfs;

c Nyhff; fUtpfS k; MAj qfS k;

. ` ugg h gz gh l L kffs; nrhl; vdW rpyf h fy; ti fary; nraj gnSLfs> fj j pfs> nrkGg; nghUl fs> vYkghYk; jejj j hYk; nraaggl l fUtpfs; Mfpatwi wg; gadgLj j pdhhfs; , Ukgpd; gai d mthfs; mwpatyi y. \$hi kahd fUtpfs> c s pfs> C r pfs> kb; J z by; Kl fs> fj j pfs> epWi tj; j l l fs> Kfk; ghhfFk; fz z hb> mQrdk; j l l k; Frrp Mfpa i t nrkghy; nraaggl l d. nrkgpy; nraj mkGfs> l b fs> c s p Nfh l hp Mfpa fUtpfi sg; gadgLj j pdhhfs; nkh Qrj hNuhty; fpi l j Jss el dkhLk; ngz z pd; rpi y> mthfS fF nkOF mrrpy; c Nyhfj j c Uf f p C wwp rpi y thhfFk; 'yh] l; Ntf] " nj hopy; El gk; (Lost wax process) nj hpej pUej J vdg j f; fh l Lf p wJ.

. Nuh` hp Nrhl; vdg i t ghf f p j hdpYss Nuh` hp vdW gFj pary pUej ngwgg l nrhl; %ygnghUs; fi sf; Fw p f p wJ. , i t ` ugg h kffshy; \$h; MAj qfi s (Blades) c Uthff gadgLj j ggl l d. ` ugg h kffs; fy; kwWk; ntz .fyj j pdhyhd MAj qfi sg; gadgLj j pdh;

Mi l > mz pfydf;

. ` ugg h gz gh l L kffs; gUj j p kwWk; gl L gwwp mwpej pUej hhfs; c Nyhfj j hYk; fyyhYkh d mz pfydfi sg; gadgLj j pdhhfs; mthfs; nrkkz p f y; (fhhd p pad)> nrkG kwWk; j qf j j hyhd mz pfydfi sr; nraj hhfs; fy; mz pfydfi sAk; rqF ti sayfi sAk; nraj hhfs; rpytwwpy; mz p Nti ygghLfs k; nraaggl bUej d. , twi w mthfs; nkrGNI hkpaht p wF VwWkj p nraj hhfs;

tz p f Kk; ghpkhwwKk;

. ` ugg h kffS fF nkrGNI hkpaht p f l d; neUqfpa tz p f j; nj hl hG , Uej J. Nkwfhrpa gFj p f shd Xkd> g` i ud> uhf> uhd; Nghdw gFj p f sy; ` ugg h Kjj pi ufs; fpi l j Jssd. f p Ad p gh h k; Mtz qfs; nkrGNI hkpaht p wF k>

ugghfS fFk; , i l Na , Uej tz pfj; nj hl hi g ntspgLj J fpdwd. fpAdpghk; vOj J fSiy; fhz ggLk; nkY` h vdw FwpgG rpeJ gFj pi af; Fwpgg hFk;

vi l fS k; msTfS k;

uggh kffs; Ki wahd vi l fi sAk; msTfi sAk; gadgLj j pdhhfs; tz pfg; ghkhwwqfsiy; <Lgl l fhuz j j hy; mthfS fF Ki wggLj j ggl l msTfs; Nji tahf , Uej J. uggh ehfhpf; gFj pfsiy; fdrJukhd nrhl; vi l fs; fpi l j; Jssd. j uhrfS ffhd nrkGj; j l Lfs; fpi l j; Jssd. vi l fs; mthfS fF <ubkhd vz; Ki w (i gdh) gwwp nj hpej pUej i j f; fhL f pdwd. vi l fspd; tpfj k; 1 : 2 : 4 : 8 : 16 : 32 vdW , uz buz L kl qfhf mj pfhj j d.

Kj j pi ufs> vOj J Uffs;

uggh gz ghL Lg; gFj pfsiy; Ei uffy> nrkG> RLkz ; j ej k; Mfpatwwhy; nraaggl l Kj j pi ufs; fpi l j; Jssd. , i t tz pf el tbfj ffs ffhfg; gadgLj j ggl bUffiyhk; uggh vOj J fs; , Jti u thrf; fgg l tpi y. uggh gFj pfsiy pUeJ Rkhh; 5000 vOj J ila rW vOj J j; nj hFj pfs; fz Lgpbffgg l Lssd. rpy mwQhfs; , i t juhtpl nkhopad vdW cWj pahff; fUJ fwhhfs; rpeJ nts p ehfhpfNK , ej pag; gz ghL c Uthffj J f fhd mbj j sk; vdyhk;

fi yfs> nghOJ NghfFfs;

uggh gFj pfsiy; fpi l j; Jss RLkz z hyhd rW rpi yfs> kl ghz l qfsiy; css Xtjaqfs> ntz fyr; rpi yfs; Mfai t uggh kffspd; fi yj; j pwi ki af; fhL f pdwd. khffyy; nraaggl l 'kj FU myyJ murd"> nrkgy; thhf; fgg l el dkhLk; ngz ; rpi y (, uz Lk; nk` Qrj hNuhty; fpi l j j i t) uggh> nk` Qrj hNu` Nj hyhtphty; fpi l j j fwrpi yfs; Mfati , ggFj p; Kffakhd fi yg; gi l gGfs; nghki k tz bfs> fpYfpYgi gfs> gkguqfs> NfhypfFz Lfs> gyNtW tpi sahl bwfhd RLkz ; rpy; Yfs; Mfai t uggh kffspd; nghOJ NghfF tpi l ahl Lfi sf; fhL f pdwd.

kj k;

rpeJ nts p kffs; , awi fi a tz qf pdhhfs; murkuj i j toghl l hfs; rpy Rl l fskz ; rpi yfs; ngz ; nj atj i j f; FwpggJk; NghdW cssd. fhyggqf dpy; neUgGf; Fz l qfs; mi lahsk; fhz ggl Lssd. , wej thfi sg; Gi j ggJ toffj j pUeJ. , wej thfi s vhf; Fk; toffk; , Uej wfhd rhdWfs; mhj hff; fpi l j; Jssd.

uggh kf; fS k> gz ghLk;

uggh kffspd; vOj J f fS f fhd nghUs; fz Lgpbffgg l tpi y y vdgj hy> uggh ehfhpfk; gwwp KOi kahf mwpa Kbahky; cssJ. mthfs; juhtpl nkhopi ag; Ngrpdhhfs; vdW mwQhfsiy; xU ruh; \$Wfwhhfs; nj hyypay; MaTfs; ehfhpfj j pd; tbrpf; Fg; gWF mthfs; ngahej i j f; fhL f pdwd. uggh kffspd; rpyh; , ej pahpd; gyNtW , l qfS fFk; Fbngahej pUff thagGfs; cz L. mthfsJ vOj J fS fFg; nghUs; fz Lgpbffgg l l hy; kl LNK gy Nfs; tpfS fF cWj pahd gj py; fpi l fFk;

rpeJ nts p ehfhpfj j py; xdWfFk; mj pfkhd FO ffs; , Uej d. rpeJ nts p; tptrhafs> fhyei l tshgNghh> Ntl i lahLNthh; - cz T NrfhgNghh; css l gyNtW FO ffs; thoej pUffwhhfs; rpeJ nts p fbffz l thW ghpf; fgg Lf pWJ. f pK. (ngh.M.K) 3300 Kj y; f p p (ngh.M.K) 2600 ti uahd fhyfl i k; nj hl ff` uggh vd mi offgg Lf pWJ. f pK. (ngh.M.K) 2600

□ 1900 ti uahd fhyfl;k; K; hej ` uggh ehfhpfk; vdggLfWJ. gpei j a ` uggh f;K. (ngh.M.K) 1700 ti u ebj j pUff;fyhk;

rpe;Jntsp ehfhpfj j pd; tbrnp

• rkhh; f;K. (ngh.M.K) 1900 y;Ue;J rpe;Jntsp ehfhpfk; tbrnp ngwj; JtqfpaJ. gUtepi y khwwk> nkrngNI hkpahTI dhhd tz pfjj;py; tbrnp ej;pad; twl;rp myyJ ntssngUf;F> meepah; gi lnaLgG Mfai t , ej ehfhpfk; tbrnp ngwTk> kffs; nj wF kwWk; f;pf;F j;pi r Nehf;f; , lk; ngauTk; rpy Kff;pakhd fhuz qfshf mi kej d vdf; fUj ggLfWJ. rpe;Jntsp ehfhpfk; KwwpYkhf mope;J tpi t;pyi y. mJ f;phkg; gz gh; hf , ej; pah;ty; nj hl hej J.

rpe;Jntsp vOj ;J fs; - Ma;T:

- ` uggh kffs; vOJk; fi yi a mwpej pUej dh;
- , ej vOj ;J fs; , yrrpi dfs> RLkz ; K; j; pi ufs> kl ghz ; l qfs; Mfpatwwpy; fhz ggLf;pdwd.
- nghwpgGfs; kpfTk; Fwfpai t. nj hl hfs; ruhrh;pahf l e;J f;Fk; Fi wthd FwpaLfi sNa nfz ;Lssd.
- Nuhrl ; h fy;py; fhz ggl ; J Nghy Kknkhopfs; gadgLj j ggl t;pyi y
- vOj ;J fs; tyg; gff; j j ;pyue;J , l g; gff;khf vOj ggl ;Lssd.
- fz pdp %yk; gFggha;T nraj , u~a mw;Qh; Ahp NehNuhNrht; rpe;Jntsp vOj ;J fs; j;puhtpl nkhopf; FLk;gk; Nghdw thhj ; j thpi ri ag; ngwWssd vdf;Nwhk;
- rpe;Jntsp ehfhpfk; Fw; j; T;phthd Ma;T nra;Jss mw;Quhd l uhtj k; kfhNj td; " ` uggh nkhopad; %y Nthfs; nj d;dp;ej ;pa j;puhtpl nkhopfi s xj j pUggi j ehk; fhz yhk;" vdf;f;whh;
- karyhLJi wapy; fz ;Lg;pb;f;gg; ;Lss fwNfhl h;pay; css FwpaLfs; rpe;Jntsp;py; fz nl Lff;gg; ;l ; tapy; css FwpaLfi s xj j pUff; ;pdwd vdW \$Wf;whh; l uhtj k; kfhNj td;
- Nk 2007 Mk; Mz ; l j k;poehL nj hy;pay; Ji wahy; G;kGfhUf;F mUf;py; NkyngUkgssk; vd;Dk; , l j j ;py; fz nl Lff;gg; ;l ghi dfs;py; css mkG Nghdw FwpaLfs; nk;hf;Q; j hNuht;py; fz nl Lff;gg; ;l , yrrpi d;fi sg; NghdW cssd.

11-k; tuyhW
myF 1

gz i l a , e j p a h : n j h l f f k ; K j y ; r p e J e h f u p f k ; t i u

m w p K f k ;

. n j h d i k t h a e j e h f u p f q f S k ; g z g h L f S k ; n f h z l > t s u r r p n g w w e h L , e j p a h . g o q f w f h y k ; K j y h f , e j p a h t i y ; g y F O f f i s r ; N r u e j k f f s ; g y K i w F b n g a u e J g y t i f g g l i # o y f S f F V w w t h W j q f s ; g z g h L f i s j ; j f t i k j J f ; n f h z l d u ; , j d ; t p i s t h f g ; g d i k j ; j d i k n f h z l e k g p f i f f S k ; t h o f i f K i w f S k ; N j h d w p d . c z T N r f u j j y ; v D k ; e p i y a p p U e J f h y e i l N k a r r y ; t h o f i f K i w f F r ; r % f k ; e f u e j J > r p e J n t s p a y ; F b N a w p a k f f s ; n r k G f ; f h y j j y ; n g U k ; g f F t k i l e J x U K j p u r r p a i l e j t h o f i f e p i y i a m i l e j d u ;

. , g g h l k ; f w f h y j j y ; k d j u f s ; K j d K j y h f f ; F b a k u e j j y ; n j h l q f p r p e J e h f u p f j j p d ; t b r r p t i u a p y h d , e j p a t u y h w w p d ; k U K O f ; f t d k ; n r Y j J f p w J . G j p a f w f h y g ; g z g h l i l A k ; t p s f F f p w J .

r h d W f s ;

. , e j p a t u y h w w p y ; f w f h y t h o f i f K j y ; r p e J e h f u p f k ; t i u a h d n e L q f h y j j g ; G u p e J n f h s s n j h y y p a y ; r h d W f N s n g u p J k ; c j T f p d w d . n j h y y p a y ; M a t p l q f s > e p y t p a y ; m L f F f s > t p y q F f s p d ; v Y k G f S k ; g b k q f S k ; f w f U t p f s > v O k G f f U t p f s > g h i w X t p a q f s > i f t p i d g ; n g h U s f s ; M f p a i t , r r h d W f s h F k ; v O j J t b t r ; r h d W f s ; , f f h y j J f F , y i y . ` u g g h k f f s ; X u ; v O j J K i w i a g ; g a d g L j j p A s s d u ; M d h y ; m j d n g h U i s , d w s T k ; m w p a K b a t p i y .

. f w f h y k f f S f F k ; R w W r # o Y f F k ; , i l a p y h d c w i t g ; G u p e J n f h s s t p y q F > j h t u q f s ; t b t y h d r h d W f s ; , d w p a i k a h j i t . v u p f ; f g g l i t p i j f s > k f u e j q f s > f y y h f p g N g h d j h t u q f s ; (i g l N l h y j) M f p a j h t u r ; r h d W f s ; f w f h y k f f s ; N k w n f h z l N t s h z i k r h u e j m w p i t g ; G u p e J n f h s s c j T f p d w d .

. t u y h w W f ; f h y j j f F K d G e i l n g w w k d j , l n g a u r r p f s ; F w j J m w p e J n f h s s m t u f S i l a k u g Z f f S k ; K f f p a k h d r h d W f s h F k ; i k l N l h f h z l u p a y ; b . v d ; V . (k u g Z) M a T f s ; f w f h y k d j u f s p d ; , l n g a u r r p f s ; F w j j j f t y f i s t o q F f p d w d . t u y h w W f F K e i j a f h y v Y k g p p U e J b . v d ; V - i t g ; g u p j n j L j J > k d j f \$ l i k ; g y N t W g F j p f S f F g ; g u t p a J F w j J g ; G u p e J n f h s s m w p t p a y h s u f s ; K a w r p n r a J t U f p w h u f s ;

. k w W n k h U K f f p a k h d t u y h w W r ; r h d W n k h o p M F k ; , e N j h - M u p a > j p u h t p l > M] j N u h - M r p a h l b f > j p n g j N j h - g u k d ; M f p a n k h o p f F L k g q f s ; , e j p a h t i y ; n r o j J t s u e j d . , e j p a t u y h w w p y ; e i l n g w w k d j , l n g a u r r p f s p d ; g y N t W f l i q f s p y ; , k n k h o p f s ; N j h d w p t s u e j d .

t u y h w W f ; f h y j J f F K e i j a , e j p a h

. v O j J K i w N j h d W t j w F K e i j a f h y f l i k > t u y h w W f F K e i j a f h y k ; v d g g L f p w J . f w f h y k ; v d T k ; m J F w p f ; f g g L f p w J . f w f h y j j f ; F w j J g ; N g R k N g h J , e j p a h > g h f p j j h d > , y q i f > N e g h s k > t q f N j r k ; M f p a i t m l q f p a n j d f p o f ; F M r p a h K O t i j A k ; x N u g F j p a h f f ; F w p g g N j n g h U e J k ;

. k d j , d j j p d ; % j h i j a u ; K j y p y ; M g g p u f f h t i y ; N j h d w p g p d d u ; c y f j j p d ; n t t N t W g F j p f S f F , l k n g a u e j d u ; , t t h W M g g p u f f h i t t p l L n t s p a

Kj dKj yhf , l kngauej kdj , dk; N` hNkh vuf] ; (homo erectus) MFk; , Ugj hk; E}wwhz bd; , Wj pti ufFk> , ej phty; tuyhwWfF Kei ja fhyk; 10 , ylrk; Mz LfS fF Kddhy; epytjajUffyhk; vdf; fUj ggl jJ. Mdhy; mz i kary; ei l ngww MaTfs;pdgb> tuyhwWf; fhyj jfF Kei ja kdj ufs; , ej phty; 10 , ylrk; Kj y; 20 , ylrk; ti uahd Mz LfS fF KdNg , Uej hufs; vdj ; nj upf wJ .

. nghJ thf> vOj j Nj hdWtj wF Kei ja fhyk; fwfhyk> ntz fyffhyk> , UKGffhyk; vdg; gupffggLk; mkkffs; gadgLj jja nghUsfs; (vLj j ffl i hf> , UKGffhyj i j r; Nruej Xtpak; j l i ggl i rhkgy; epw ghz bl qfs) myyJ mtufs; thoej epyggFj j (vLj j ffl i hf> rpej)> ehfufk; epytjaj hff; fz i waggli Kj y; , l k; (vLj j ffl i hf> mr#ypad; myyJ uggh) Mfjatwipd; mbggi laNyNa mgghz ghLfS fFg; ngaufs; mbggi aNyNa mggz ghLfS fFg; ngaufs; #l i ggl f pdwd.

tuyhwWf; kpfTk; nj hdi kahd fhyk; goqfwfhyk; (laeoli thi c) vdggLf wJ . , j %dwhfg; gupffggLf wJ .

- . fbggoqfwfhyk; (Lower laeoli thi c)
- . , i l g; goqfwfhyk; (Mi ddle laeoli thi c)
- . Nky; goqfwfhyk; (Upper laeoli thi c)

. goqfwfhyj j fFg; gpej ja fhyk; , i l ffwfhyk; vdggLk; , i l ffwfhyj j fF mLj j fhyfl i k; Gj ja fwfhyk; MFk; , f fhyj j j yj hd; tpyqFfi sAk; jhtuqfi sAk; tsuff kdj ufs; fwwfnfhz i hufs; mJ cz T c wj j pfF toptFj j J. ghi wggbtj ay; (Strati graphy) MaTfs> fhytupi r> fwfUtj fs; Mfjatw i w mbggi la hff; nfhz L , j j i fa gz ghLfs; ti fggLj j ggl Lssd.

fbggoqfwfhyg; gz ghL
(Lower laeoli thi c Cul ture)

. fwfhyj j pd; nj h l f f j i j r; Nruej kdj ufs; gadgLj jja nghUsfs; , ej paj; Ji z ffz i j j pd; gyNtW gFj pfsy;UeJ fpi l j j ssd. fbggoqfwfhy fl i j j pdNghJ> kdj %h i j aushd N` hNkh vuf] ; , ej phty; thoej j hf ekgggLf wJ. goqfwfhyj i j r; Nruej fUtj fs; Kj dKj yj y> nr di d mUNf c ss gyyhtuj j j y; , uhgul; G&] ; /Gd; vdg tuhy; 1863, y; fz nl Lf f ggl i d. nj ddej pht pd; gyNtW gFj pfsy; mtu; tupthd MaTfi s Nkwnfhz i NghJ> tuyhwWfF Kei ja fhy ehfufk; epytjaj gy , l qfi sf; fz i w e j hu; mj j y UeJ fwfhy kdj ufs; thoej gy gFj pfs; , ej pah KOtJk; mi la hsk; fhz ggl L> mfoha;T nraaggl i d.

fhl i L c apudqfS k; gof fggLj j ggl i c apudqfS k;

fhl i j jhtuqfS k; tpyqFfS k; gwi tfS k; gw c apudqfS k; , awi fahf tsugi t. jhtuqfS k; tpyqf pdqfS k; kdj ufshy; ngUksty; gof fggLj j ggl k; NghJ> mtwipd; thofi fKi wAk; c l yj ay; \$WfS k; khwwk; mi l f pdwd. mtwipd; , ayghd tsurp ghj p f fggLf wJ. , j d; tpi sthf> fhl by; c ss jhtuqfS l d; xggLkNghJ> gof fggLj j ggl i jhtuqfSpd; tpi j fs; msty; rwpaj hf khWf pdwd. tpyqFfi sg; gof fggLj j kNghJ mi t j qfSpd; %uff Fz j i j , off pdwd.

fwfUtj fs;

. tuyhwWfF Kei ja fhyk; Fwjj MaTj j i w ngUkghYk; fwfUtj f i sNa rhueJssJ. fwfhy kdj upd; thop l qfs; fyyhyhd fUtj fs;

fpi lggi j mbggi lahff; nfhz l mi lahsq; fhz ggLfpdwd. kdj %j hi j au; fUtpfs; nraag; ngupa fwghsqfi sAK; \$ohqfwfi sAK; Nj uenj Lj j du; mtwi w kwnwhU c Wj p thaej fyyhy; rtpf; fUtpfi s c Uthffpdu; , t;thW fwi sr; nrJffpf; Nfhl up rWVnfhl up Jz j j fFk; fUtp gsfFk; fUtp Nghdwi t c Uthffggld. edF rpej j J c Uthffggld tbtiki gi gAK; rhd Nj hwwj j j AK; nfhz j , ffUtpfs; fwfhy kdj ufspd; Nkkgld mwrthwwi yAK; jwi dAK; fhl Lfpdwd. Ntj lahLjtj wFk; Ntj lahl ggl j tpyqFfspd; clyypUeJ Nj hi y c uggj wFk; , i wrri a ntl Ltj wFk; vYkgpd; k[i i a gupj nj Lggj wFk; vYKgfis cilggj wFk; fpoqFfis mfoenj Lggj wFk; cz i t gj ggLj J tj wFk; , ffwfUtpfi sg; gadgLj j pAssdu;

mr#ypd; kuGk; Nrhfdpaf; kuGk;

Matpd; mbggi lay; goqfwfhy kffspd; njhlff fhyg; gz ghL mtufs; gadgLj j pa fwfUtpfspd; mbggi lay; , U kuGfshfg; gupffggLfjwJ. i ffNfhl up ti ff; fUtpfi sf; nfhz j kuG mr#ypad; (Acheulian) vdWk; \$ohqfyi yr; nrJffp c UthffggLk; fUtpfi sf; nfhz j kuG Nrhfdpad; (Sohanian) vdWk; mi offggLfjwJ. mr#ypad; kuG ngUkstp; Nfhl upfi sAK; ntlLfj j j pfi sAK; nfhz j J. Nrhfdpa kuG Jz j hfFk; fUtpfi sAK; mi jr; rhuej Nti yfS fhd fUtpfi sAK; klLnk nfhz j J. , di wa ghf j j hdy; css Nrhfd; Mwwpd; tbelggFj j ay; epytpa kuG vdggj hy> , J Nrhfdpa kuG vdggLfjwJ. mzi kapy; ei lngww MaTfspd; NghJ , Nj gFj j ay; mr#ypad; kuG rhuej fUtpfSk; fpi ljj d. vdNt j dj j di k thaej Nrhfdpa kuG vdw xdw , Uejjhff; \$w , ayhJ vdfpdwdu; Mathsufs;

. goqfwfhyf; fwfUtpfspd; Mffk> mjwfhd ciogG Mfpatwmpd; mbggi lay; mf;fhyggz ghL njhlff fhy mr#ypad> , ilffhy mr#ypad> gwfhy mr#ypad; vd %dW ti ffshfg; gupffggLssJ. gdKfk; nfhz j Nfhstbtk; nfhz j nghUsfs> Nfhl up ntlLfj j j pfs> nrJfFk; fUtpfs; Mfpat njhlff fhy mr#ypad; kugpy; mlqFk;

. NkwFj njhlurri ki y> flwfi ug; gFj pfs> tlfopf , ejpah Mfpa , lqfsy; mr#ypa kuGfhd mi lahsqfs; fhz ggl tpyi y. ngUki o , j wFf; fhuz khf , Uffyhk; nghUj j kww #oy> %ygnghUsfspd; gwwhfFi w Mfpat kffspd; FbNaww j j j ; j Lfj j pUffyhk; xUNtis tuyhwWfF Kei ja fhyj j j r; Nruej kffS fF , ggFj pfsy; FbNaw Ntz ba Njit , yyhky; NghapUffyhk; , kfffs; thoej , lqfs; mj pf vz z pfi fapy; kjj pa , ej pah tYk; , ej pah tpd; nj d fopf; g; gFj j ay; (nr di d fF mUfpy) fz j wpaggl Lssd. , ej g; gFj pfs; mj pf stpy; ki oi ag; ngWtj hy> gRi k khwhkYk; mj pf tsqfS l Dk; c ssd.

gut y;

. gi oa fwfhyj j pd; njhlffj j j r; Nruej fUtpfs; fqi fr; rkntsp j kpehl bd; nj dgFj p NkwFj njhlurri ki yaid; FdWggFj pfs; Mfpatwi wj ; j t j j J> , ej pah tpd; ngUkghyhd gFj pfsy; fz j wpaggl Lssd. nr di d fF mUfpy; css mj p hkg h f k > gyyhtuk> Fbak> fuehl fhtpd; ` d] f p rkntspay; css , rkGu> kjj pagguNj j j j y; css gkngl fh Mfpat mr#ypa fUtpfs; fz nl Lf fggL Lss NtW rpy , l qfshFk;

fhytupi r

. , ej pah tpy; fbg goqfwfhyg; gz ghL , uz l kpyypad; Mz LfS fF Kdghfj ; njhl qf p Uff Ntz Lnkd mzi kffhy MaTfs; kj gggl Lssd. , ggz ghL 60000 Mz Lfs; KdG ti u njhl uej J.

N` hkpdpd; kwWk; tpyqFfspd; Gi j gbtqfs;

. j wfhy kdj DfF neUffkhd Nj hwwj i j f; nfhz bUej kdj %j hi j au; N` hkpdpd; (Homi ni n) vdW mi offggLfwhufs; , tufs; thoejj wfhd mi lahsqfs; Mggpffhty; mj pfsty; fhz ggLfhdwd. Mdhy; , ej phty; mi t muj hfNt c ssd. mj ukghffj j y; N` hkpdpd; thoejj wfhd mi lahskhff; nfhs sj ff Gi j gbtj j d; xU gFj pi a , uhgu; g&]; /G; fz nl Lj j j hfr; nrhyyggLfWJ. Mdhy; mej g; Gi j gbt; j wNghJ vqF , UffpwJ vdW mwpa Kbatyi y. , ej phty; ed;F mwagg; N` hkpdpd; Gi j gbt; kjj pagguNj rj j pYss N` hrqfhghj; mUNfAss ` j Nduhty; fz Lg; pffgg; l j hFk; mJ xU kz i l Nahl bd; NkygFj p , i j euki j kdj d vdW nj hyypay; Mathsufs; Fwgg; l fwhufs; Mufi ff; N` hNkh Nrggpad;] ; vd;Dk; kdj , dk; thoejj wfhd mi lahskhf , J fUj ggLfWJ. kdj %j hi j aupd; Gi j gbtqfs; vdw ti fapy; j wNghJ , ej phty; , Uffpw xNu Gi j gbTk; , J kl LNK.

. fwhfhyj j y; kffs; thoej goi kr; #oi y ehk; Gupe; Jnfhss tpyqFfspd; Gi j gbtqfs; gadgLfhdwd. euki j rkntspay; kpfngupa j e j qfi sAi la tuyhwWfF Kei j a fhyfl; ahi d > vyy;] ; ekbf;] ; (El ehus namadi cus) > tuyhwWfF Kei j a fhyj j y; thoej kwnwhU kpf; ngupa ahi d ti fahd] nl NfhNI hd; fNdrh (stegodon ganesa) > fh; l G; i d ti fahd Ngh;] ; ekbf;] ; (Bos namadi cus) > Fj pi u tbt; k; nfhz i Fj pi uahd vff;] ; ekbf;] ; (Equus namadi cus) Mfpa tpyqFfspd; Gi j gbtqfs; fz nl Lf; fgg; l Ssd. Fj pi u ti f tpyqF(vff;]) fspd; gwfs > e; y; fht; kwWk; e; l; vUi kffhd rhdWfs; rpy tpyqFfspd; FskGj j l qfs; Mfpa i t mj ukghff; j j y; fhz ggl; d. tuyhwWfF Kei j a fhyj j y; j wej > ugg; k; thaej epyggugG nr; di df; F mUfy; , Uej i j , i t cz u; j J fhdwd.

vff;] ; - Fj pi u > fO; i j > tuf; Fj pi u Mfpa tpyqFfi s c s s l f; f; pag; Ngupdk;

thofi fKi w

. fbggoqfwfhyg; gz gh; l i r; Nruej kffs; tpyqFfi s Ntli lahBAk; f; p; q; F > nfhl; i l > gok; Mfpatwi wr; Nr; fu; j ; k; thoej du; Ntli l tpyqFfshy; Ntli lah ggl; l tpyqFfspd; , i wr; r; pi aAk; cz l du; j wej nts; p; ap; Yk; MwW; r; rkntsp; f; s; Yk; Fi f; f; s; Yk; tr; j j i j kjj pagguNj rj j y; c s s g; k; ngl; fh > nr; di df; F mUfy; c s s Fbak; Mfpa , l q; f; s; y; c s s rh; d; Wfshy; mwpe; J nfhs; s; y; h; k; N` hNkh vuf; l;] ; , dj; i; j; r; Nruej kdj ufs; j wfhy kdj ufshf N` hNkh Nrggpad;] g; Nghy Nkkgl; l nkho; i af; nfhz bUff; t; y; i y. mtufs; rpy xy; f; s; myy; J nr; h; w; f; s; %y; k; j q; f; s; vz z qfi s nts; p; gg; l j j p; ap; Uff; y; h; k; i ri f; fi sr; rhuej nkho; i aAk; gadg; l j j p; ap; Uff; y; h; k; fU; t; p; f; i sr; nr; at; j wFr; ru; p; ah; d f; y; i y; j; Nj u; T nr; at; j wfhd mw; p; T mtuf; S f; F , Uej J. ghi wfi sr; nr; J f; f; T; k; mtwi wf; fU; t; p; f; shf tbt; i kff; T; k; Rj j p; ay; Ngh; dw fwfi s; g; gadg; l j j p; Ass; du;

, i l g; goqfwfhyk;
(Mi ddl e l a eol i thi c Cul ture)

. , dw; p; y; Ue; J 400x000 Mz l f; s; f; F Kdghd fhyggFj p; ay; fwfs; nj hl ughd nj ho; y; El g; j j y; khwwqfs; Vwgl; l d. kdj %j hi j auf; s; p; j ; j k; g; p; T; f; s; Nj hdw; p; d. , f; f; hy; fl; i j j y; thoej tufs; N` hNkh vuf; l;] ; ti fap; du; Mt; u; kdj ufs; j wNghJ nfhz Lss c l y i kgGf; \$Wf; S l d; Vw; j ho %dW , y l r; k; Mz l f; s; f; F Kd; d; h; y; Nj hdw; p; a; j hff; fU; j ggLfWJ. , ej phty; , i l ggoqfwfhyf; fl; i j j j nethrh vd; Dk; p; l j j y; g; u; thuh Mwwq; f; i uap; y; n` r; b; r; q; f; y; p; ah vdw nj hyypay; h; s; u; K; j y; y; mi lahsk; fz l hu; , i j aL; j ; > , i l ggoqfwfhyk; e; p; y; t; p; a gy , l q; f; S k; mi lahsk; fhz ggl; d. , f; f; hy; fl; i kdj ufs; thoej j hf mw; p; ag; g; Lk; mj ukghff; j j d; fhyk; , dw; p; y; Ue; J 3-85x000-172000 Mz l f; s; f; F

, ilggilJ vd mzi kary; fz pffggLssJ. Mggpuffhty; epyta , ilg; goqfwfhyg; gz ghli l g; NghyNt , ej phtpd; , ilgoqfwfhyffli l Kk; goi k thaejjhf , Uffyhk;

fUtp ti ffS k; nj hown\$l qfS k;

. Nfhlu pfs> gpfFk; fUtpfs> Jz;lhfFk; fUtpfs> Ruz Lk; fUtpfs> Ji sapLk; fUtpfs> vwj YfF c l gLk; nghUsfs> muk; Nghdw fUtp nrJfFtj wfhd fjjp Mfpat , ffhyfl l j j py; gadgLj j ggl l d. Ruz Lk; fUtp Ji sapLk; fUtp Nghdwtwi w mj pfs tpy; rhuej pUej j hy> , ilgoqfwfhy ehfupfk; nrJfFk; nrayghl i l mbggi lahff; nfhz bUej J vdyhk; kuffl i l > tpyqFj; Nj hy; Mfpatwi wf; i fahS t j wFr; Ruz Lk; fUtpfs; mj pfs tpy; gadgLj j ggl l d.

xU Nky; goqfwfhy toghl Lj j yk;

Nky; goqfwfhyj i j r; Nruej xU toghl Lj j ykhf , Uej pUffyhk; vd fUj j Fej xU rW fl l khdk; c j j uggpuNj r j j py; c s s ghNfhu; vdDkpl j j py; mi lahsk; fhz ggl LssJ. nrJffgg l h j f w f s h y; t l l t b t p y; # o g g l i x U k z w g h i w a p d; g h s k; , q F f h z g g L f w J. , J j w f h y t o g h l L j j y q f i s x j j p U f f w J. , e j p a h t p y; t o g h l L j j y q f S f f h d N j l y p y; f i l j j k p f g; g o i k a h d r h d W , J j h d;



KfNfhz tbttyhd fwfs:Nky; goqfwfhy toghl Lj j yk;



, Nj Nghdw fy;rkfhyj i j a toghl Lj j yk;

fhytupi r

. , ej phtpy; , ilggoqfwfhyg; gz ghL ngh.M.K. 3-85>000 □ 40>000FF c l g l l f h y f l l j j p y; e p y t a j h f f; f z p f f g g l L s s J. M g g p u f f h t y; , i l g o q f w f h y k; N h N k h N r g p a d; j f N s h L n j h l u G g L j j g g L f w J. l N u h g g h t p y; , J e p a h z l u j h y; t i f a p d N u h L n j h l u G g L j j g g L f w J. , t t i f a p d u p d; G i j g b t v r r q f s; , e j p a h t p y; f h z g g l t p y i y.

gutpy;

. , ilggoqfwfhy ehfupfk; gutpapUej , l qfs; euki j > Nfhj htup fpu~z h> aKi d c s s p l l M W f s p d; r k n t s p f s p y; f h z g g L f p d w d.

thofi fKi wAk; Kj di kahd gz GFS k;

. , i l ggoq; fwfhy kdj ufs; j pwej ntsapYk; Fi fapYk; ghi wggLi ffsYk; trj j hufs; , tufs; Ntl i lahLgtufshfTk; cz i tr; Nrfu ggtufshfTk; , Uej hufs; , ej pah i tr; Nruej , i l goq; fwfhyg; gz gh l bd; Kj di kahd gz Gfs; fbtUkhW:

- . fUt rfs; rmpaj hapd.
- . Vi da fUt r fNshL xggLi fapy; Nfhl upi ag; gadgLj Jk; gof f k; Fi wej J.
- . fwfUt r fNshL c wgg j papy; %yff yi y j ahu; nraAk; nj hopyEl gj i j gadgLj j tJ.
- . nrul > [h] gu> fhyrnl d> Fthul :] ; Mfpa fwfi s %ygnghUsfshfg; gadgLj J j y;

**Nkygoqfwfhyg; gz ghL
(Upper lal aeol i thi c Cul ture)**

. , i l ggoqfwfhyj i j j; nj hl ueJ tej gz gh l Lggbeji y Nkygoqfwfhyg; gz ghL vdggLf wJ. fUt r fS fhd nj hopyEl gj j y; GJi ki aAk; kdj ufs pd; mwp thw w y; j wd f s y; Nkkg l i j di ki aAk; , f fhyfl i j j y; fhz Kbf wJ. Vwjj ho 3 , ylrk; Mz l fS fF Kddhy; Mggur fhtpd; rfuh ghi ytdg; gFj r fF mUNF Nj h d wpa etl kdj ufs; Vwjj ho 60 Mapk; Mz l fS fF Kddu; Mrpahtpd; gyNtW gFj r fS fFg; gutpd; mtufs; Kei j a k ffs; \$l i j j hi u t p l b t p l L mtufs; trj j , l q f s y; FbNawapUf f y h k; , ej g; Gj pa FO ffs; , ej pah tpd; Nkygoqfwfhyg; gz gh l L f f f; fhuz khf , Uej r f f thagG c z l.

fwfUt r fS k; nj hopyEl q f S k;

. , f fhyfl i j j j r; Nruej fwfUt r fs; f j j p ths; Nghy ntl l tha; nfhz i i tahfTk; vYkgghy; Mdi tahfTk; mi kej pUej d. Nky; goq; fwfhyj j j y; rmpfwf s y; nraaggl fUt r fs; mwpKfgg l j j ggl d. , twi w c Uthf f r p y f fhd; nrwpej %ygnghUsfs; nttNtW ti ffs y; gadgLj j ggl d. vYkgghyhd fUt r fS k; tyqFf s pd; vOrpa gFj r fS k; Mej pggunJ r j j y; c s s fuE}y; Fi ffs y; fz nl Lffgg l Lssd.

fhytupi r

. Nky; goqfwfhyj J f fhd rhdWfs; , ej pah tpd; gy gFj r f s y; fpi l j Jssd. Vwjj ho ngh.M.K. 40>000 , y p UeJ 10>000 fF c l g l i fhyj j j y; Nky; goqfwfhyg; gz ghL epyt p a Uf f y h k; vdf; fz p f f g g l f w J.

gut y;

. , k k f f s; j p w e j n t s a p Y k; F i f f s p Y k; t r j j h u f s; f u e h l f h t y; c s s n k u y g h t p n j Y q f h d h t y; c s s f u E } y; F i f f s > N f h j h t u p f f h z p k j j p a g g u N j r j j y c s s N r h d; g s s j j h f f y; c s s g h N f h u; -1> g h N f h u; -3> k f h u h ~ b u h t y; c s s g h l N d M f p a i t , e j p a h t y; N k y g o q f w f h y k; e p y t p a , l q f s h F k; r m w f w f s h y h d f U t r f S k; e t l d k d j u f s f F n e U f f k h d N j h w w j i j j f; n f h z b U e j N ` h k p d p d f s p d; G i j g b t q f S k; , y q i f a y; f p i l j J s s d. n k y y p a f l w y f s; % y k; g l q f s; t i u a g g l j f N f h o p a d; K l i l X L f S k; r q F n f h z l n r a a g g l i k z r f S k; M e j p u g g u N j r j j y; c s s [P t h y h G u k > k f h u h ~ b u h t y; c s s g h l N d > , y q i f a y; c s s g h l N l h k g h □ n y d h > / g h ` p a h d F i f M f p a , l q f s y; f z n l L f f g g l L s s d.

j fNfhop Kl; i XLfs;

, ej phty; tuyhwWfF Kei ja fhyg; gz ghL epyta , lqfsy;
j fNfhopfs; , Uejj wfhd rhdWfs; fpi ljjJssd. , ggwi tapd; Kl; i XL
kz pfs; nraag; gadgLjj gglLssJ. ghLNdapy; fpi ljj j fNfho Kl; i
XLbd; fhyk; ngh.M.K. 25:000 vdf; fz pffggLfjwJ. gpkngl fh> ghLNd Mfpa
, lqfspYk; j fNfho Kl; i XLfs; fpi ljjJssd.

thofi f Ki wfsk; Kffjag; gz Gfsk;

. Nky; goqfwfhy kdj ufs; fi y rhuej nrayghLfsy; <Lgljj wfhd
rhdWfshfr; rpy Xtjaqfs; fpi ljjUffpdwd. kz pfsk; mz pfydfS k;
fz nl LffggLssd. fyyp; ntlLffUtjfs; nraAk; nj hopy\$ lqfs;
, fhyfljjjy; tsurr; ngwwd. ti uaggl l tj k; nj hyypay; rhdWfsjd;
mbggi lay; gpkngl fhi tr; Nruej rpy gri r ew Xtjaqfs; Nky;
goqfwfhyj j r; Nruej i tahff; fz pffggLfjpdwd.

, i l ffwfhyg; gz ghL
(Mesol i thi c Cul ture)

. , ej phty; , i l ffwfhyg; gz ghL NI hL nj hl uGi la , lqfs; xU rpy
gFj pfs; ebfyhf , ej phtpd; mi dj j g; gFj pfsYk; fhz ggLfjpdwd. fl wfi ug;
gFj p ki y> kz wghqfhd , lk> tbelg; gFj p tdggFj p VupgFj p ghi w
ki wtpk> ki y rhuej gFj p fopKfggFj p vd vej NtWghLk; , yyhky;
mi dj J r; j pi z rhu; kz l yqfsYk; mi t fhz ggLfjpdwd.

. , ej phty; gap] uh (gpfhu)> yqd[; (F[uhj)> ghfu; l l> Nrhgdp kz NI h>
rhuha; efu; uh[; kfj fh> j kj kh (, i t mi dj J k; c j j pugguNj rj j y; c ssd)>
rdfdfy;Y (Mej juk)> fggd; ` ssp (fuehl fk) Mfpa , lqfs; , i l f; ffwfhyg;
gz ghL NI hL nj hl uGi l adthFk;

. Kki gapd; fl wfi ug; gFj pfs> j kpehl by; J j j fFb kht l j j pd; fppfFg;
gFj pYss Nj upf; FdWfs; (nrkkz wFdWfs)>trhf ggl bdk; Mfpa , lqfsy;
EZ ffwfhyr; rhdWfs; fpi l ffpdwd.

Nj up

Nj upfs; vdgd kz wFdWfshy; c UthffggLk; fl wfi ug; gFj pshFk;
, kkz; ti f Gj J ap&opad; , uz l hk; fl l j j y; c UthfpaUffyhk; vd
ekgggLfjwJ.

gUt fhyk;

. gdpAfjj wFg; gpddu> c yfk; ntggki laj; J tqfpaj yUeJ> kdj ufs;
mbff; b , lk; ngaugtufshf p gyNtW #oyfi sf; nfhz l gFj pfsy; FbNawpdu;
gUt fhyr; Rowr; Ki w VwnfdNt Nj hdwtp l J. rpy gFj pfsy; ki o kpf
mj pfkhf , Uej J. NkwF uh[] j hdpYss j j ; thdh vdDk; gFj pary; ngh.M.K.
10:00-3500 fhyj j y; eddl; Vupfs; , Uej j hf mwppaggl LssJ. , fhyg; gFj pi ar;
Nruej tyyqFfsjd; vYkGfs> , i l f; ffwfhyj j y; twz l> , i yAj p; fhLfs;
, Uej i j f; Fwfffpdwd.

fhytupi r

. cyfsty; , i l ffwfhyg; gz ghL bd; fhyk; , l j j wF , lk; khWgLfjwJ.
Rpy Fwggpl l gFj pfsy; mJ Ntshz i k fhyj j wF KdghdJ vdW

nrhyyggLfWJ. , i l ffwfhyg; gz ghL fppfF kjjaj; ji uffi y; gFj pahd
nytZ lby; ngh.M.K. 20>000 , yUeJ 9>500fFs; epytjaj hff; fz pffggLfWJ.
, ej phty; , ggz ghL Vwj jho ngh.M.K. 10>000 , y; Nj hdwpaJ. NfushtpYk;
j kpehl bYk; , J ngh.M.K. 1>000 ti u> mjhtJ , UkGf,fhyjjpd; nj hl ffk;
ti uffi k; nj hl uej J. , yqi fay; Ez ; fwfUtpfs; Vwj jho fl ej 28>500
Mz LfS fF KdG Nj hdwpaJ.

ngUshj huk;

. fhlL tpyqFfi s Ntli lahly> jhtu cz Tfisr; Nrfujjy> kb;
gpbjy; Mfadnt , ffhy kffspd; Kffpaj; nj hopyhf , Uej d. , i l ffwfhyg;
gz ghL bd; nj hl ff epi yfsy; Ntshz i k nraaggl tyi y. Mdhy;
, ggz ghL bd; , Wj pggFj pary; kdj ufs; tpyqFfi sg; goffggLjjp Gja fwfhy
thofi fKi wfF toptFjj du. kjjpa , ejaag; gFj pary; c ss ghi w Xtpaqfsy;
Ntli lahLjy> fz z pi tjJ tpyqFfi sg; gpbjy> kb; gpbjy> jhtu
cz Tfisr; Nrfujjy; Nghdw fhl rpf; , l k; ngwWssd.

. fpi l ffgngwWss tpyqFfspd; vrrqfs> Gi jtbtr; rhDWfs; Mfad
%yk; , ffhyg; gFj pi ar; Nruej kffs; fl khd> Gsspkhd> efi fkh> vUi k>
eup Fsseup Mi k> Ksskgdwp fhl ni Ui k> c LkG Mfatwi w Ntli lahbd;
vd mwpa KbfWJ. ahi d> fhz l hkpUfk; Nghdw tpyqFfspd; vYkGfSk;
fpi l jJssd. mtufs; <l b> ty; mkG> fz z pfs; Mfatwi w
gadgLjjpAssdu; gkngl fh vdDkpljjjYss Xtpak; Mz fSk; ngz fSk;
, i z eJ , J Nghdw tpyqFfi s Ntli lahLti j f; fhl rpggLj J fWJ.

. , ffhy kffs; neUgi gg; gadgLjjpdu; czit neUggpy; RI Lk;
cz bUffyhk; ntsshL> nrkkwahL> eha> gdwp Mfatwmpd; vYkGfs; kjjpa
gpaNj rjj pyss fhdpthy> Nyhj Nf] .tu> ujj dGu> Mj kfh> gkngl fh Mfpa
, l qfsy; fpi l jJssd. fhdpthy; xli f vYkGfSk; fpi l jJssd.

jwfhypf trpggl qfSk; tLfsk;

. , l kngaueJnfhz NI , UggJ , i l ffwfhy kffspd; Kffpakhd gz ghf
, Uej J. mtufs; cz Tfiffh tpyqFfi sAk; jhtuqfi sAk; Nj b
, l kngauej hufs; kffs; jwfhypfkhd Fbi rfi s c UthffpaJl d> Fi ffsYk;
ghi wfFi l TfspYk; j qfidhufs; jhqFJ]Z ffhd FopAl d; \$ba tli tbt f;
Fbi rfs> ehz y; gj pffggll j l qfSl d; \$ba RI l kz; j pZ Lfs; Mfpa t
fz nl Lffggll ssd. ngUkghyhd Fi ffsYk; ghi w ki wtp l qfsYk;
Xtpaqfsy; tli tbt f; Fbi r ti uaggl LssJ. jwfhypfkhd Fbi rfs;
tpi uty; moaf;\$ba nghUsfshy; fl lggll d. Klil tbt tLfs> tli tbt
tLfs; (Rtufs; gkngl; Ntaggl L> mtwmpd; kU kz; Gpa tLfs hf , it
, Uej pUff thagG c ssJ) MfatwWffhd mi lahsqfs; cjjugguNj rjj py;
c ss Nrhghdp kz NI h> jkj kh> uh[] jhdpy; c ss ghNfh> j py; thuh Mfpa
, l qfsy; fz nl Lffggll ssd.

, weNj hi ug; Gi j j j y;

. , i l ffwfhy kffs; , weNj hi ug; Gi j j j du; , J mtufspd;
ekgpi ffi sAk; rf kdj ufs; Fwj j rpej i dfi sAk; ekfF cz uj J fWJ.
cjjugguNj rjj py; c ss kfj fh> jkj kh> ruha; efu; uha; Mfpa , l qfsy;
kz i l XLfs; fpi l jJssd. rpy mfothaT , l qfsy; %l Lthj f; NfshWffhd
rhDWfs; fpi l j j d. mf; ffhy kffspd; gwfs; eyy epi yary; , Uej i j Ak; mwpa
KbfWJ. Xu; MZ k; ngz Z k; xdwfhg; Gi j ffggl bUej j wfhd mi lahsK;
kfj fh ty; fpi l jJssJ. xU Gi j Fopary; j e j j j hyhd gj ffk; fhz ggl J.
, wej tufSl d> mtufs; gadgLjjpa rpy nghUsfi sAk; Nruj Jg; Gi j fFk;
Ki wahf , J , Uffyhk;

fi y

. fi y vdgJ kdj thofi fNahL xUqfpi z ej xU gFj p goqfhy kdj upd; fi y ntsiggghLfs; Fwjj rhdWfs; l Nuhgghty; ngUksty; fpi ljjhYk> , ej phty; kpr; rny , lqfsyjd; fpi ljjssd. tbtay; Nti yggghLfsld; \$ba gbfffy; uh[]jhdpy; css rej phtj pary; fpi ljjssJ. vYkgy; nraaggl nghUsfs; gkgl fhty; fhz ggLfjpdwd. tbtay; Nti yggghLfsld; \$ba kdj ggyYk; fpi ljjssJ. kjjagguNj rjj pYk; kjj p , ej phtYk; css ghi wfFi lTfsy; Xtqafisf; fhz KbfwJ. kffs; Ntli lahLtpYk; fzz p i tjj tpyqFfi sr; rpf i tggj pYk; kb; gbgg pYk; el dkhLtpYk; <Lgltuh Xtqafs; rjj upffpdwd. Nghghy; mUNfAss gkgl fh> kjjagguNj rjj py; css uard> grkhu; p cjj agguNj rjj py; css nj wf kurhG; Mfai t , jji fa rhdWfs; fpi lffk; , lqfshfk; , UKG nrwe; N kill; fy; Nj affgglij wfhd totogjj di kAl d; fhz fpi lffwJ. kffs; GffshYk; , i yfshYk; j qfi s myqfuj ; J fnfhz l hufs;

tuyhwWffhyj j r; Nruej Ntli lahbfS; - Nrfupgghsufs;

. Ez fwfUtpfshy; Ntli lahBAk; czi tr; Nrfuj JK; thoej kdj ufs; gwffhyj j pYk> mjhtJ Gja fwfhyk> , UKGffhyk> tuyhwWf; fhyj j py; tsurppfFg; gwFK\$! mgbNa j qfs; thofi fi aj; nj hl uej hufs; efuqfsy; thoej kffs; mj pf nrytj j j <lbaNghJ> , kffs; tpskG epi yr; r%fqfspd; xU gFj pahf Mfai Ufffyhk; , di wfFk; nj hi yJ uqfsy; css fhLfsy; trpfFk; kffi sAK; mej kh; Nghdw gFj pfsy; trgg tu fi sAK; Ntli lahLj y; Nrfuj j y; thofi fki wi aj; Nj uT nraj mjji fa r%fjj pduhnt ehk; fUj yhk; 19Mk; E}wwhz bYk; 20Mk; E}wwhz bYk; mjji fa gy FOFFs; thoej j hf vl fu; j u] ld; vOj p a []nj dde; phtpd; rhj pfsk; goqFbfSk vdw E}y py; gj t nraaggl LssJ. mtufi s ehfu; Kj p rrpawwtufshff; fUj t j tW. khwhf> Ntli lahLj y; czi tr; Nrfuj j y; vdDK; thofi fki wi aj; Nj uT nraj tufshfnt mtufi s ehk; fUj Ntz Lk; rpe; ehfu; k; crrj j py; , Uej NghJ j kpehl by; Ez fwfUtpfi sg; gadgLj JK; Ntli lahB-Nrfupgghsufs; thoej hufs; Gja fwffhyj j py; Ntshz i k nratJK; fhyei lfi s NkaggJ khf , Uej kffs; Mej puh-fuehl fh gFj pary; trj j hufs;

, i l ffwfhy; gz ghl bd; rpwggj ayGfs;

- . , i l ffwfhy kffs; Xust epej u kwWk; j wfhy pff; FbapUgGfsy; trj j du;
- . Fi ffs pYk; j pwe; nts pfs pYk; trj j hufs;
- . , weNj hi ug; Gi j j j hufs;
- . mtufS fFf; fi yj j pd; , Uej i j gkgl fh Nghdw , lqfsy; fpi lffk; rhdWfsy; UeJ mwpayhk; t pthd Gt pary; gFj pfsy; mtufs; gut p p Ue; du;
- . , ffhyf l j j py; UeJ , ej phtpd; gy gFj pfsy; gz ghl Lj; nj hl urri af; fhz KbfwJ.
- . mtufspd; Ez fwfUtpfs; rmpa tpyqFfi sAK; gwi t fi sAK; Ntli lahl c j tpd.

nj hl ff epi yg; Gja fwffhy; gz ghLFS k; Ntshz i kapd; nj hl ffKk; (Early Neoli thi c Cul tures)

. Ntshz i k> tpyqFfi sg; goffggLj Jj y; Mfai twwpd; nj hl ffkhf Gja fwffhyk; mi kej J. , eja tuyhwpy; , J xU Kffpakhd filkhfk; Gja fwffhy; gz ghl bd; goi kahd rhdWfs; vfgj pd; nrOi kggpi wggFj p

nkrngNI hkpah> rpeJggFj p fqi fg; gssjjhfF> rbdh Mfpa , lqfsiy; fhz ggLfpdwd. Vwj j ho ngh.M.K. 10-000-5-000fF c lgl; fhyj j py; , t;tpl qfsiy; Ntshz i k Nj hdwp> gy gz ghL tsurrfS fF toptFj j J.

. jhtuqfi sAk; tpyqFfi sAk; goffggLj j paj d; %ykhf cz T jhdpaqfs> fhyei l j; j ptdqfs; Mfpatwmpd; cwgj j pAk; tpeNahfKk; mstpy; mj pfuj j d. MWfspd; %yk; gbAk; nroqghd kz; Ntshz i ki a NkkgLj j p gbggbahf jhdpa cwgj j pary; c gupad; msi t mj pfuj j J. gokngUk; ehfufqfspd; Nj hwwj j fF c gup cz T cwgj j p kpf Kffpakhd fhuz khFk; ngupa fuhkqfs; Nj hdwpd. klghz l qfs; nraAk; nj hopy; tsuej J. epej u , Uggpl qfs; fl l ggl d. vdNt> , fhyj j pd; gz ghL > tshrrfS; nkj j khf □Gj pa fwfhyg; Gul r□ vdggLfpdwd.

. , ej pah t pd; Gj pa fwfhyg; gz ghL nttNtW t l l hug; gz ghLfshfg; gupffggLfj wJ. mi t nttNtW fhyfl l qfsiy; tsuej d. , ej pah t pd; t l NkwFggFj j pYk; ghfj] j hdpYk; nj hl f f fhyj j pNyNa Nj hdwpd. Tl f p f F , ej pah t py; Gj pa fwfhyggz ghLfs; kpfTk; gpej j a fhyj j pNyNa> mj ht J> Vwj j ho nj hl f f tuyhwWf; fhyj j pyj hd; Nj hdwpd.

Gj pa fwfhyg; gz ghL
(Neoli thi c Cul ture)
t l NkwF , ej pah

. kdj ufs; jhtuqfi sAk; tpyqFfi sAk; goffggLj j paj wfhd rhdWfi sf; nfhz bUggj py; t l NkwF , ej pah t pd; Gj pa fwfhyg; gz ghL kpf; goi kahdj hFk; nk` ufhu> uhdh Fz l ha> rhuha; fhyh> [ypyGu; Mfpai t Gj pa fwfhyg; gz ghL epyt pa , l qfshFk; , t;tpl qfs; j wNghJ ghfj] j hdp; c ssd.

Vwj j ho ngh.M.K. 7000l r; Nruej j hff; fz p f f j j Fej nj hl f f fwfhyg; gz ghL f fhd rhdWfs; nk` ufhu; fpi l j Jssd. NfhJi kAk; ghuy pAk; gappl ggl d. nrkkw pahl> ntsshL> fhyei l fs; Mfpai t tsuffgg l d. , ggz ghL rpeJ ehfufj j fF Kei j aj hFk;

. nk` ufhu; epyt pa Gj pa fwfhyg; gz ghL bd; Kj y; gz ghL f; fhyk; Vwj j ho ngh.M.K. 7000-5500 Mff; fz p f f ggl LssJ. , ggz ghL i l r; Nruej tufs; klghz l qfi sg; gadgLj j tpyi y. mW tupi r ghuy p vkku; NfhJi k> vad fhd; NfhJi k> , yei j> Ngul r r Mfpatwi wg; gappl l hufs; MLkhLfi sg; goffggLj j pdhufs; epi yahd ehNI hbahf thof;\$ba> Nkarrypy; <Lgl f;\$ba> vdpDk; i kakhd j qFkpl k; nfhz l tufshf , Uej hufs; , tufs; XuST , l k; t p l , l k; Fbngauf;\$ba ehNI hb fhyei l NkafFk; FOtpduhtu; <u kz z hy; t l fl bdhufs; , weNj hi ug; Gi j j j hufs; rqF> Rz z hkGf;fy> eytz z ffy> , ujj pd f fy> i t^upak> kz wfy; Mfpatwmpy; nraaggl l mz pfydfi s mz pej hufs;

. nk` ufhu; Gj pa fwfhyg; gz ghL bd; , uz l hk; fhyfl l k; Vwj j ho ngh.M.K. 5500-4800fF c lgl l j hfTk; %dwhk; fhyfl l k; Vwj j ho ngh.M.K. 4800-3500fF c lgl l j hfTk; fz p f f ggl LssJ. , fhyfl l qfsiy; klghz l j; nj hopyel gj j f fhd rhdWfs; fpi l j Jssd. RLkz; c UtqfS k; gsgsgghd xggi d klghz l qfspd; kz pfs; Mfpai t fz nl Lf;fggl Lssd. ngz fs; mz pej mz pfydfS f fhd rhdWfS k; fz l w p aggl Lssd. gj f;~hdpy; kl LNK fpi l f f f;\$ba i t^upak; , qfF; fpi l ggi j neLeJ}u tz p f j j f fhd rhdwhff; nfhssykh; rpeJ ehfufj j pd; Kj uej fl l j j pd; Nj hwwj j f f g; gpwF> nk` ufhu; i ftpl ggl l efukhdJ.

Gj pa fwfhyg; gz ghL

fh~kl;

. fh~kl; gFj pary; epytja Gj pa fwfhyg; gz ghLk; ` uggh ehfupfKk; xNu rkfhyyji tahFk; , ffhyfljijr; Nruej Kffpakhd Matpl khd gurhN` hk; ngUqfwfhyj J fFk; nj hl ff tuyhwWffhyj J fFk; rhdWk; c ssJ.

. , qF kffs; FspuyUeJ fhj Jfnfhss Vwj j ho 4 mb Mok; nfhz l Fop tLfsy; trnj j hufs; Klil tbt; nfhz l , tLfs; mbggFj pary; mfykhfTk; NkygFj pary; FWFpaj hfTk; , Uej d. , twWfF mUNf xU Ntaggl l flLkhj Jffhd J}z fi s CdWtj wfhd Fopfi sf;fhz KbfwJ. Gj pa fwfhyj j y; fh~kl; tsugG tyqFfshfr; nrkkwAK; ntsshLk; , Uej d. jhtuqfi sg; gappl hufs; gurhN` hi kr; Nruej Gj pa fwfhy kffs; ` uggh kffNshL tz pfj j y; <Lgl hufs. i fahy; ti dej klghz l qfi sAK; vYkgyhd fUtpi sAK; gadgLj j dhufs; fwnfhl up c sp tharrp (kuk; nrJfFk; fUt) > cyfi f > kj J Nghdw fUt; kffspk; , Uej d. Fspi uj; jhfFggggj wfhfj; Jz pary; tyqFfspd; Nj hi yr; Nrui Jj; i j ggj wFf; Fj J}rps; gadgLj j ggl d. Nj hyfi sf; nfhz l Nti y nraa nrJfFtj wfhd myyJ rFtj wfhd fUtpi a kffs; gadgLj j pdu;

. Gj pa fwfhyj j pd; , U fl l qfs; , qF mi lahs; fhz ggLssd. nruhkpf > nruhkpf; myyhj J vd mtwi wg; gupf;fyhk; nruhkpf; myyhj fl j j j y; klghz l j; nj hopyEl gj Jffhd mi lahsqfs; , yi y. nruhkpf; fl j j j y; klghz l qfS fhd rhdWfs; fpi l ffdwd. , ffl j j j y; kffs; Nrww kz z hyhd tL fl bdhufs; nrkghyhd mkGfi sr; nraj hufs; fWgGepw; ghz l qfi sAK; mNfl > fhudypad; fy; kz pfi i sAK; tzz k; Grggl l ghi dfi sAK; gadgLj j dhufs; , qF fhz ggLk; xU Gi j Fopary; fhL ehad; vYkGk; khd; nfhkGk; fhz ggl d. #upad > eha; Mfjai t , l kngWk; xU Ntli l fhl rp nrJffggLss xU fy;Yk; , qF c ssJ.

. NfhJi k > ghuy > gl hz > gUgG MfjatwWffhd tpi j fs; mfoha;TfspdNghJ fz nl Lffggld. fhyei l fs > nrkkwahL > ntsshL > gdw > eha > rpy gwi tfs; Mfjai t gof;fggJj ggl d. rptgG khd > fh~kl; fi ykh > ti uahL > fub > Xeha; Nghdw fhL tyqFfspd; vYkGfs; mtufs; Ntli l apYk; <Lgl l j f; fhL Lfdwd.

. epi dTrrpdkhff; Fj Jfffy; vOggggLk; toffk; ngUqfwfhyj j y; , Uej J. mffhy kffs; rptgG epw klghz l qfi sAK; c Nyhfg; nghUs;fi sAK; gadgLj j dhufs; gUgG ti f gadghL mtufS fF kj j pa MrpahTl d; , Uej nj hl ui gf; \$WfWJ. ` uggh ehfupfj J l d; , tufS fFj; nj hl uG , Uej pUf;fyhk;

fqi fr; rkntsapYk; kj j pa , ej pahT;Yk; Gj pa fwfhyggz ghL

. fqi fr; rkntsapYk; kj j pa , ej pahT;Yk; NyFuNj th > Nrghdp Kz l h Mfpa , l qfsy; Gj pa fwfhyg; gz ghL epytjaj hfj; nj upfwJ. nj hl ff fhyj j NyNa > mjhtJ Vwj j ho ngh.M.K. 6500 , NyNa neyrhFgb el ej j wfhd rhdWfs; NyFuNj thty; fpi l j Jssd.

. kj j pa , ej pahT;Yk; Gj pa fwfhyg; gz ghL epytja , l qfs; fapw;pd; j l k; gj pf;fggl l klghz l qfshy; mi lahs; fhz ggLfdwd. Nfhybth > rpej > nrDthu > kffuh Mfjai t Kffpakhd Gj pa fwfhy Matpl qfshFk; , ej , l qfS k; klghz l qfs; nraj y > jhtuk; tsuj j y > tyqFfi sg; gof;fggJj J y; Mfpa nrayghLs fhd rhdWfS l d; c ssd.

. mW tupi r ghuy > gy ti fggld NfhJi k > murr > gl hz > gri rrgaW > nfhz l l ffl i y > fLF > Msp > gyh Mfjai t gappl ggl l j wfhd KOi kahd rhdWfs; , qnfyyhk; fpi l j Jssd. fhL tyqFfspd; vYkGfS l d >

nrkkwpaHL> ntssshL> Vi da fhyei l fs; Mfpatwmpd; vYkGfS k;
fz nl LffggL Lssd.

. Gj pa fwfhy kdj ufs; NkyGwj j py; fapwmpd; j l k; gj pffggL l;
kl ghz l qfi sg; gadgLj j pdhufs; Ez fwfs> vYkG> khd; nfhkG
Mfpatwwhyhd fUt p f S k; RLkz; nghUs f S k; gadghl by; , Uej d. , ej
, l qfs; Vwj j ho ngh.M.K , uz l hk; E}wwhz bd; , i l ggFj p ti uf Fk; nropgL d;
, UeJ Lssd.

f p o f F , e j p a h t i y; G j p a f w f h y k;

. gpfhu> NkwF tqfhs k; Mfpa gFj p f s p d; gy , l q f s p y; G j p a f w f h y g;
gz ghL epyt p a J. g p u g d G u > r p e j ; N g h d w i t m j j i f a , l q f s h F k ; , g g F j p f s p y ;
N j h s g l i l f ; N f h l u p g a d g L j j p a j w f h d r h d W f s ; f p i l j J s s d . f p o f F k w W k ;
n j d f p o f F M r p a h t i y ; c s s G j p a f w f h y t s h f q f S l d ; , e j , l q f i s
x g g p L k N g h J g y x w W i k f s ; f h z g g L f p d w d . k O q f p a > j u z l K i d A s s N f h l u p
c s p N j h s g l i l f ; N f h l u p M f p a i t , e j , l q f s p y ; f z n l L f f g g l L s s d . , N j
g F j p a y ; c s s F r r h a > N f h y g a r h r d > r q f u ; [q ; M f p a , l q f S k ; G j p a f w f h y g ;
gz ghL epyt p a , l q f s h F k ;

n j d d e j p a h t i y; G j p a f w f h y k;

. Gj pa fwfhyg; gz ghL nj dd e j p a h t i y; K f f p a k h f M e j p u g ; g p u N j r k >
fuehl fh> j k p o e h l b d ; t l N k w F g ; g F j p M f p a t w m p y ; e p y t p a j h f f ;
f z l w a g g l L s s J . x U r h k g y ; N k l i l r ; R w w p Y k ; F b a p U g G f s ; # o e j p U f F k ;
f l i i k g G , e j , l q f s p y ; f h z g g L f p w J . G j p a f w f h y t s h f j j p d ; x U g F j p a h f
200 f F k ; N k w g l l , l q f s ; m i l a h s k ; f h z g g l L s s d . , i t e l h j h u q f S l d ; \$ b a
f U q f y ; F d W f S f F m U N f m i k e J s s d . , t t p l q f s ; N f h j h t u p f p U ~ z h >
n g z z h W > J q f g j j p i u > f h t p u r k n t s p f s p Y k > f u e h l f h t p Y s s r q f d f y ; Y >
n j f f y N f h l h > g u k k f p u k] f p g f y p f y > t l f y > n ` k p q N f > f y ; Y u ; M f p a
, l q f s p Y k > M e j p u g g p u N j r j j p y ; e h f h u ; [_ d n f h z l h > u h k h G u k > t l h G u k > j k p o e h l b y ;
i g a k g s s p M f p a , l q f s p Y k ; G j p a f w f h y g ; g z g h L e p y t p a s s J .

M e j p u g g p u N j r j j p y ; e h f h u ; [_ d n f h z l h > u h k h G u k > t l h G u k > j k p o e h l b y ;
i g a k g s s p M f p a , l q f s p Y k ; G j p a f w f h y g ; g z g h L e p y t p a s s J .

. r p y n j h l f f f h y g ; G j p a f w f h y M a t p l q f s ; r h k g y ; N k L f i s f ;
n f h z l s s d . M e j p u g g p u N j r j j p y ; c s s c l D u > g y N t h a > f u e h l f j j p y ; c s s
n f h n l f f y > F g f y > G b f y ; M f p a i t , j j i f a r h k g y ; N k L f i s f ; n f h z l s s d .
n k y y p a r h k g Y k ; E z Z a u f s h y ; r p i j f f g g l l k h l L r r h z m L f F f S k ;
, g g F j p f s p y ; f h z g g L f p d w d . r h k g y ; N k l i l r ; R w w p Y k ; t l F S k ; G i j F o p f S k ;
k d j t h o p l q f S f f h d r h d W f s h f c s s d .

t l f p o f F , e j p a h t i y; G j p a f w f h y k;

. t l f p o f F , e j p a h t i y; G j p a f w f h y g g z g h L k p f g ; g p d d h N y N a N j h d w p a J .
, q F , g g z g h l b d ; f h y k ; n g h J t h f n g h . M . K . 2500-1500 m y y J m j w F k ; g p d d u ;
v d W f z p f f g g L f p w J . N j h s p y ; i t j J f n f h s s j j f f k O q f y ; K i d f ;
N f h l u p f S k > K i d e l l b r ; r h a t h f f g g l l k O q f y ; K i d f ; N f h l u p f S k ; m] j h k >
N k f h y a h > e h f h y e J > m U z h r y g p u N j r k ; M f p a , l q f s p y ; f z n l L f f g g l L s s d .
j h [y p N ` b q > r U j U M f p a i t m] j h k p y ; G j p a f w f h y g ; g z g h L e p y t p a
, l q f s h F k ; , l k n g a u ; N t s h z i k (s h i f t i n g c u l t i v a t i o n) n r a j j w f h d
r h d W f s ; m] j h k p y ; f p i l j J s s d . N r i d f f p o q F k ; N r g g q f p o q F k ; g a p u l y >
, w e N j h U f F f ; f y y h Y k ; k u j j h Y k ; n r a a g g l l e p i d T r r p d d q f i s f ; f l L j y >
M] j N u h - M r p a n k h o p f s ; N g r g g L j y ; M f p a i t , f f h y g g z g h l b d ;

Kffpaf;\$WfshFk; , i t , ggFj pfFk; nj d;fpofF MrpahTf;Fkpi l Naahd
gz ghl L xgGi kfi s c z uj ;J fpdwd.

rpe;J ehfufpk;

. , ej pahtpy; Kj wfl;l efukakhffj jpd; rpdck; rpe;J ehfhpfkhFk; rpe;J
gFj pa; ey; ehfhpfk; c rrrj j py; , Uej NghJ > ehk; , J ti u tptj j j , i l ffwfhyk>
Gj pa fwfhyk; c ssp;l gy gz ghLfs; , ej pahtpd; kww gFj pfs py; epyt pd.

ngahpL Ki wAk; gbepi yfS k; fhythpi rAk;

. , ej pahtpd; t l NkwFggFj apYk; ghfp] j hdpYk; ngh.M.K 3000 fhy mstpy;
Nj hdwpa ehfhpfqfS k; gz ghLFS k; nkhh j khfr; rpe;J ehfhpfk; vdgglk;
, eehfhpfk; mi l ahdk; fhz ggl;l Kj y; , l k; ` uggh vdgj hy> , J ` uggh
ehfhpfk; vdWk; mi offggLfwJ. ` uggh ehfhpfk; j pBnudW XNu ehs py;
Nj hdwptl tpyi y. , ggFj pa; ey; Gj pa fwfhyf; fuhkqfspd; nj hl f;fk; ei l ngwwJ
Vwj j ho ngh.M.K. 7000 (Gj pa fwfhyg; gFj pahd nk` hfhhpd; fhyj j j g; Nghy)
vdf; fz pffggLfwJ. ` uggh ehfhpfk; gyNtW fl;l qfshfg; (gbepi yfs)
gpd;t UkhW ghpf;fggl LssJ.

nj hl f;f fhy ` uggh ngh.M.K 3000 □ 2600
Kj p;rrp mi l ej ` uggh ngh.M.K 2600 □ 1900
gpw;fhy ` uggh ngh.M.K 1900 □ 1700

. xU efug; gz ghl bwfhd \$Wfs; Kj p;rrp ngww ` uggh tpd; fhyj j py;
, Uej J. mj wFggpd; mJ tbrpp mi l ej J.

. ` ugghTfF Kj d; Kj ypy; 1826 , y; tUi f j e j th; rhhy] ; Nkrd; vDk;
, qfpyhe;J ehl;l th; 1831 , y; mkhp vdDk; ` uggh gz ghl NI hL nj hl hGi l a
, l j j wF mnyf] hz;l h; ghdl] ; tUi f j e j hh; yh\$hy;Ue;J Kyj hDfF uay;
ghi j mi kggj wfhf ` uggh mopffgg;l J. , ggFj pa; ey;Ue;J xU Kj j pi u
, ej pa; nj hyypay; mstl l j; Ji ward; Kj y; msi tauhd mnyf] hz;l h;
fddq; hKfFF; fpi l j j J. 1853 , Yk; 1856 , Ykl; 1875 , Yk; mth ` uggh t g;
ghhi tapl;l h; Mdh; ` uggh tpd; Kffpaj; J t j i j Ak; mj d; ehfhpfj i j Ak;
c z he;J > mqF MaT el j j f; fhuz khf , Uej th; rh; [hd; khh;~ y; Mthh; , th;
, ej pa; nj hyypay; Ji ward; , af;Fduhfg; nghWgNgww e;f;T> , ej pa tuyhwwpy;
xU j pUgGKi d vdyhkl. , tuJ Kawr;fs; %yk; ` uggh tpy; Ma;Tfs;
nj hl q;fggl;l d.

. gpw;fhyj j py; 1940 fsp; Mh; , vk; tlyh; ` uggh tpy; mfoha;Tfs; el j j pdhh;
, ej pa; ghptpi df;Fg; gpwF> ` uggh ehfhpf;g; gFj pa; ey; ngUkghyhd , l qfs;
ghfp] j hDfF c hpaj hfptl;l d. vdNt Mathshfs; , ej pahtpy; c s s ` uggh
ehfhpfggFj pfi sf; fz;l wpa Mty; nfhz;l dh. ` uggh ehfhpfj; J l d; nj hl hGi l a
fhy;gqfd> Nyhj j y> uh;f;f;fh; p Ni hyhtlh Mfpa; t , j j i fa Kawr;fshy;
mfoha;TfF c l gl;l d. 1950 fS f;Fg; gpwF Nkwnfhssgg;l Ma;Tggaz qfS k;
mfoha;TfS k; ` uggh ehfhpfj i j Ak; mj d; , ayi gAk; Ghpe;J nfhss c j tpd.

Gt;pa; ey; mi kt;pl Kk; Fba;UgGfS k;

. rpe;J ehfhpfKk; mj d; rkfh;yg; gz ghLFS k; , ej pahtpy; ghfp] j hdpYkhf
nkhh j k; 1.5 kpy;pad; rJuf;Nyhkl;l h; guggstpy; mi ke;Jssd. Nkw;fpy;
ghfp] j hd; - <uhd; vyi yay; mi ke;Jss rlfhn[d; - Ni hh; Fba;UgGfs>
t l f;fpy; ~ hhl;Li f (Mgfhd; j j hd)> f;pf;fpy; Myk;f;h;Gh; (c j j ugguNj rk)>
nj w;fpy; i j khghj; (kfhuh~buk) vdr; rpe;J ehfhpfggFj pa; ey; vyi yfs;
ti uaWf;fggl Lssd. , j d; F[uhj > uh[] j hd> ` hpahdh Mfpa; khey;qf;spYk;
c s s d.

nj hl ffk;

. cyfry; Ntshz i kAk; tpyqF tshgGk; kpf KdNg nj hl qfptpl; gFj pfsy; rpeJ gFj pAk; (nkh` hfh) xdW. rpeJ gFj pApd; Gj pa fwfhyg; gz ghLfS fFk; gwfhyj;J efu ehfhpfj J fFk; nj hl hrrp c ssj h vdj; nj hpatpyi y. ` uggh ehfhpfj j pd; nj hl ff epi yary; mggFj p KOTJk; fuhkqfS k; ChfS k; tshrrp ngwwd. Kj thej ` uggh gz ghL f; fl i j j py; efu i kaqfs; Nj hdwPd.

j pl i kpl ggl i efuqfs;

. ` uggh (gOrhg> ghfp] j hd)> nkfhQrj hNuh (rpeJ> ghfp] j hd)> NI hyhtpuh (F[uhj> , ej pah)> fhypqf d; (uh[] j hd> , ej pah)> Nyhj j y; (F[uhj> , ej pah)> gdhtyp (uh[] j hd> , ej pah)> uhf;f;fh;` p (` hpadh> , ej pah)> rhNfhli l h (F[uhj> , ej pah) Mfpai t ` uggh fhy Kffpa efuqfshFk; muz fshy; ghJ fhf;fggLk; j di k> edF j pl i kpl ggl i nj Uffs> reJfs> fopTeh; trj p Mfpai t ` uggh efuqfspd; Fwggpl j j f f \$Wfs; j Fej Fbi k mj pfhhfspd; fb; , j j i fa j pl i kpl y; epfoej pUfff;\$Lk; ` uggh kffs; fl Lkhdj J fFr; RI i> RI hj nrqfwfi sAk; fwfi sAk; gadgLj j pdh; efuqfs; rli f tbi kgi gf; nfhz bUej d. fopTeh; tbfhyfs; j pl i t i l khd xOqFl d; fl i ggl i d. tLfs; Nrww k z z hyhd nrqfwfshYk; fopTeh; tbfhyfs; RI i nrqfwfshYk; fl i ggl i d. tLfs; xdWfF Nkwgl i j sqfi sf; nfhz bUej d.

. nkfhQrj hNuh XH; cahej Nki l kU edF j pl i kpl Lf; fl i ggl i efuk; mJ Nfhli l ggFj pahfTk; jhothd efukhfTk; , U NtWgl i gFj pfi sf; nfhz bUej J. tLfsy; RI i nrqfwfshy; jsk; mi kffggli; Fspayi wAk; rhpad fopTeh; tbfhYk; , Uej d. Nkyj sk; , Uej i j cz hj Jk; ti fary; rpy tLfs; gbffl Lfi sf; nfhz Lssd. tLfsy; gy mi wfs; , Uej d. gy tLfsy; RwwpYk; mi wfs l d; \$ba Kwwk; mi kej pUej J.

. efuj j pd; Nfhli l ggFj p Kffpaj J tk; thaej , Uggpl j J f fhd mi kgGfS l d; fhz ggLf pWJ. , i j g; nghJ kffNsh> kffsy; Fwggpl i rpyNuh gadgLj j papUffyhk; nkfhQrj hNuhtpy; c ss xU fl bl k; NrkgGf;fpl qfhf mi lahsk; fhz ggLf pWJ.

. ngUk; Fsk; (The great Bath) vdgJ Kwwj J l d; \$ba xU nghpa FskhFk; Fsj j pd; ehdF gffqfspYk; c ss ei l ghi j t l fFggf;fj j pYk; nj wFggf;fj j pYk; gbffl LfS l d; mi keJssJ. ei l ghi j apd; mUNf gy mi wfs k; cz L. rpy fl Lkhd mi kgGfs; j hdpaffpl qFfshf mi lahsk; fhz ggLf p dwd. mj d; Rthfs; [grk; nrwpej Rz z hrrhej hy; Grggl L> ehGfhj gb , Uffp dwd. mf;fl Lkhdj j py; fopTeh; tbfhy; trj p , Uej J. mJ rli qFFS l d; nj hl hGi l a elhly; epfo;TfS fFj; Nj i tggpl bUffyhk;

. j hdpaffpl qfhfTk; ngUqFskhfTk; fl Lkhdqfi s mi lahsggl j J t J nj hyypayhshfspd; ghhi tahff; fUj ggl Ntz Lk;

thothj huKk; nghUshj hu c wj j pAk;

. ` uggh kffs; epi yahf thotj wF Ntshz i k Kffpa Mj hukhf tpsqfpaJ. NfhJ i k> ghhy p mti u ti ffs> nfhz i l ffl i y> vs> nttNtW j pi d ti ffs; c ss pl i gyNtW gahfi sg; gahpl i hhfs; Ntshz i kary; fpi l j j c ghp tUtha; Kffpakhd gy nrayghL fS fF Mj hukhf tpsqfpaJ. ` uggh kffs; , uli l ggahpl y; Ki wi ag; gpdgwwpdhhfs;

uggh kffs; c oTfFf; fygi gi ag; gadgLj j pdhhfs; epyj i j c Oj >
tpi j fFk; toffj i j mthfs; nfhz bUej pUffyhk; c Oj epyqfi sf;
fhyqgfdpy; fhz KbfwJ. mthfs; ghrdj J fFr; fhy;thafi sAk;
fPz Wfi sAk; gadgLj j pdhhfs;

nj hyj hutpayhshfs; (balacobotani sts) goi kahd Ntshz i ki aAk;
kdj UfFk; Rwwr; #oYfFk; , i l Naahd cwi tAk; Fwj J MaT nrafpwhhfs;

tpyqFfi sg; gof;fggJ; J y;

uggh tpy; NkarrYk; xU Kffpakhd nj hoyhf , Uej J. nrkkwphL >
ntsshL Nfhop csspl i gwi t fi s tshj j hhfs; vUi k > gdw p ahi d Nghdw
tpyqFfs; Fwj j mwpTk; mthfS fF , Uej J. Mdhy; uggh gz ghl by; Fj pi u
, yi y. uggh tpy; khLfs; nrG vdggl d. nghpa clyi kgi gf; nfhz i
, tti f khLfs; mthfspd; gy Kjj pi ufs py; rj j hpf;fggl d. uggh kffspd;
cz tpy kbd > gwi t , i wrrp Mfai tAk; , Uej d. fhLg; gdw p khd > Kji y
MfpatwWf;fhd rhdWfS k; uggh ehfhpf;g; gFj pfs py; fpi l j Jssd.

i ftpi dj; j ahhgG;

uggh nghUshj huj j py; i ftpi dj; j ahhgG xU Kffpakhd gFj pahFk;
kz pfs; kwWk; mz pfyd; nraj y > rqF ti say; nraj y > c Nyhf Nti yfs;
Mfai t i ftpi dr; nrayghLfshf , Uej d. fhhdpyad; (kz p) > [h] gh > fhp] y;
(gbfffy) >] Bl i l l ; (Ei uffy) MfpatwWpYk; nrkG > ntz fyk > j qfk; Mfpa
c NyhfqfSpYk; rqF > gb;fhd > RLkz ; MfpatwWpYk; mz pfydfi sr; nraj hhfs;
, ej mz pfydfs; vz z ww tbt i kggpYk; Nti ygghLFS l Dk; nraaggl d.
, i t nkrGNI hkpahtfF VwWkj p nraaggl d. , qf;Uej fi ygnghUsfs;
VwWkj p Md nraj p nkrGNI hkpahtpy; el j j ggl d mfoha;T %yk; nj hpfwJ.

uggh ehfhpf;g; gFj pfs; rpy Fwggpl i i ftpi dgnghUs; j ahhggpy; Nj hrrp
ngwwj hf cssd. mjji fa nghUs;fS k; mtwwpd; c wggj p i kaqfS k;
fNoAss ml i ti z apy; Fwggpl ggl Lssd.

nghUs;	efuk;
rqF	ehNf ~ ;th > ghYNfhl ;
i t ^hpak;	~ hhFi f
fhhdpyad; (kz p)	Nyhj j y;
] Bl i l l ; (Ei uffy)	nj wF uh [] j hd;
nrkG	uh [] j hd > Xkd;

kl ghz i qfs;

uggh kffs; mdwhl j; Nj i tfS fFg; gyti fgg l kl ghz i qfi sg;
gadgLj j pdh; mi t edF Rl ggl i t. kl ghz i qfs; ml h; rptgGk; fWgGk; fyej
tz z k; Grggl bUej d. mfdw ghj j p j i j i tggj wNfww j hq;fp el ur;
Nrhj Ji t fFk > fyd > Ji z fS l d; \$ba fyd > i fapy; Ve;J tj wF Vwg FWfpa
gpbAl d; c ss Nfhgi g > Edp rWj Jk; j hq;Fk; gFj p edF mfdWk; c ss
Nfhgi gfs > j l Lfs > fPz z qfs; Nghdw gyti ffs py; kl ghz i qfs;
fhz ggLfpdwd. mtwwpy; ti uaggl Lss Xt;paqfSpY; , i yfs > kbd; nrj py >
xdi wnahdW ntl bfnfhsS k; t l i qfs > Nfhz ykhz yhd NfhLfs > gf;fthl by;
css gl i l fs > tbtay; \$Wfs > jhtuqfs > tpyqFfs; Mfai t gj p t
nraaggl Lssd. uggh ehfhpf; j j r; Nrhej kl ghz i qfs; edF Rl ggl i j hfTk;
El gkhd Nti ygghL nfhz i j hfTk; , Uf;fpdwd.

c NyhfqfS k; fUt;fS k; MAJ qfS k;

• ` uggh ehfhpfk; ntz fyf; fhy ehfhpfkhfk; mkkffs; nrkG ntz fyf; fUtpfs; nraa mwpej thfs; ntz fyf; fUtpfi sj; jahhjj hYk; Ntshz j kfFk; i fti dgngHsfs; cwgjj pfFk; gyti fggl i fUtpfs; mthfS fFj; Nji tggli d. xUti fg; gbfffy; nraaggl fj jpfS k; nrkG; nghUsfS k; vYkG kwWk; j ej j j y; Md fUtpfS k; gadgLj j ggl i d. \$hKi df; fUtpfs> c s f s> C r f s> k d; g b g g j w f h d J z b y> r t u f f j j p f s> j u h R j ; j l l f s> f z z h b f s> m Q r d f; N f h y f s; N g h d w i t g a d g L j j g g l i d. N u h h p n r h l ; v d g g L k; g b f f f y y y; n r a a g g l f j j p f i s ` u g g h k f f s; g a d g L j j p d h h f s; m k G x l b> N f h l h p k O q f y; K i d f; N f h l h p M f p a i t m t h f s p d; M A j q f s h f , U e j d. ` u g g h k f f s; , U k i g m w p e j p u f f t y i y.

Nuhhp nrhl; , ej g; gbfffy; ghf] j h d p y; c s s N u h h p g F j p a y; f h z g g L f p w J . ` u g g h k f f s; f j j p f S k; g w f U t p f S k; n r a t j w F , J g a d g l i J .

Jz pfS k; mz pfydfS k;

• ` uggh kffs; Jz pahyhd Mi l f i s m z p e j h h f s; f y y h Y k; c N y h q f s h Y k h d m z p f y d f i s g; g a d g L j j p d h h f s; m t h f S f F g; g U j j p g l l M f p a i t F w j j m w p t , U e j J . x U R L k z ; n g h k i k a y; k j F U N g h y; N j h w w k s p f F k; c U t k; J z p a h y h d > G N t i y g g h L f s; n f h z l N k y h i l i a m z p e J s s i j f; f h z f n w h k; n k h f Q r j h N u h t y; f z n l L f f g g l i ' e l d k h L k; n g z ; r p i y a p d > K o q i f a p d; N k y g F j p t i u t i s a y f s; f h z g g L f p d w d. ` u g g h k f f s; f h h d y p a d > n r k G > j q f k; M f p a t w w h y; M d m o f p a N t i y g g h L f s; n f h z l m z p f y d f i s c U t h f f i d h; m t w w y; r y n g h w p f f g g l i t b t q f i s f; n f h z l s s d. , i t n k r g N I h k p a h T f F V w W k j p n r a a g g l i d. x g g i d g g h z l q f s > f y y h y h d g h j j u q f s > r q F t i s a y f s; M f p a i t A k; g a d g h l b y; , U e j d. m t h f s; c U t h f f p a m z p f y d f s; t z p f e l t b f i f f s p d; x U g F j p a h f t p w f N t h > g z l k h w w k; n r a a n t h g a d g l i d.

tz pfKk; ghthj j i dAk;

• ` uggh t p d; n g h U s h j h u r; n r a y g h L f s p y; t z p f K k; g h t h j j i d A k; K f f p a g g q F t f i j j d. ` u g g h k f f S f F n k r g N I h k p N a h T l d; n e U f f k h d t z p f j n j h l h G , U e j J . m t h f s; , e j p a h t y; g w g z g h L f i s r; N r h e j k f f S l D k; n j h l h G n f h z b U e j h h f s; R N k h p a e h f h p f k; e p y t p a X k d > g ` i u d ; x u h f x u h d; M f p a , l q f s y; ` u g g h i t r; N r h e j K j j p i u f S k; n g h U s f S k; f i l j J s s d. f A d p g h k; f y n t l l f; F w p g G f s; n k r g N I h k p a h T f F k; ` u g g h T f F k; , i l N a a h d t z p f j; n j h l h G f i s f; F w p g g l f p d w d. m t w w y; f h z g g L k; ' n k Y f h " v d D k; n r h y; r p e J g F j p i a f; F w p f f p w J . ` u g g h t y; n r a a g g l i [h b X k d y; f z n l L f f g g l l s s J . ` u g g h i t r; N r h e j K j j p i u f s > v i l f f w f s > j h a f f l i l f s > k z p f s; n k r g N I h k p a h t y; f z n l L f f g g l i d. f h h d y p a d > i t ^ h p a k > n r k G > j q f k > g y t i f g g l i k u q f s; M f p a i t A k; ` u g g h t y p U e J n k r g N I h k p a h T f F V w W k j p a h a p d. ` u g g h k f f s; , e j p a h t p d; N t W g F j p f S l D k; n j h l h G n f h z l > % y g n g h U s f i s g; n g w W > m t w i w N k Y k; r y n r a k i w f S f F c l g L j j p c w g j j p a y; < L g l i h h f s; ` u g g h e h f h p f g g F j p f s y; f p i l f F k; e p f f y; n g h U s f S k; n k r g N I h k p a T l d; , U e j n j h l h G f F x U r h d w h F k;

• n k r g N I h k p a g; G u h z j j y; n k Y f h F w j J f b f f z l t h f s; , l k; n g w W s s d. ' c q f s J g w i t ` [h g w i t M F f. m j d; x y p m u z k i d a y; N f l f l L k; ". ` [h g w i t k a y; v d W r y n j h y y p a y h s h f s; f U J f w h h f s;

vi l f f w f S k; m s t L f S k;

. `ugghtpy; rhpahd vi lffwfsk; mstlfsk; gadgljjgglid. tz pf; ghpthjji dfsy; <Lgljjhy> Ki wahd mstlfsfhd Nji tapUejJ. `ugghehfhpfggFj pfsyUeJ gbfffyhyhd> fdrJu tbt vi lffwfs; fz nl LffggLssd. vi lffwfs; , Uk Ki wi a cz hj Jfdwd. vi lapd; tpfjk; , U kl qfhFkgb gpdgwwggLssJ. 1 : 2 : 3 : 8 : 16 : 32. 16-, d; tpfjk; nfhz;l rmpa vi l mstl , di wa mstlby; 13.63 fphk; nfhsjjffjhf cssJ. `uggh kffs; , di wa mstlby; xU , Or; = 1.75 nr.kp Mff; nfhsSktjjjpy; msTNfhi yAk; gadgljjpapUffpwhhfs; vi lffwfs; fdrJu tbtjjjpy> gbfffyyp; nraagglbUejd. mthfs; , Uk vz; Ki wi a (1, 2, 4, 8, 16, 32,) gpdgwwpdhhfs; , kKi w mz pfydfi sAk; c Nyhfqfi sAk; vi l Nghlg; gadglbUfffyhk;

Kjjpi ufsk; vOjJKi wAk;

.] Bljll> nrkG> RLkz> j ejk; Nghdwtwwhyhd Kjjpi ufs; `ugghehfhpfg; gFj pfsy; mj pfsy; fz nl LffggLssd. `uggh vOjJKi wi a , dWti ufFk; ekky; tsqfprnfhs Kbatyi y. 5000fFk; Nkwgl; vOjJjnjhlhfs; Mtz ggLjjggLssd. `ugghtpy; fpi ljjtwwpy; kpf eSkhdjhff; fUj ggLk; vOjJjnjhlh; 26 FwpaLfi sf; nfhz LssJ. gy mwpQhfs; mJ juptl nkhofFLkgjijr; Nrhejjhff; fUj fwhhfs; NghfFtujJfF clgk; nghUsfs; kU FwpaL mi lahsggljJtjwfhf Kjjpi ufs; gadglbUfffyhk; nghUsfspd; chpi kahsi uf; Fwggj wFk; mit gadglbUfffyhk;

fi yAk; nghOJ NghfFk;

. `ugghehfhpfggFj pfsyUeJ fpi lFk; RLkz; c Utqfs> klghz;l qfsy; fhz ggLk; Xtjaqfs> ntzfy c Utqfs; Mfpai t `uggh kffspd; fi yjjwi d cz hj Jfdwd.] Bljll; fyyp; mi kej 'kj FU' nrkghyhd 'el dkhLk; ngz; (nkhfQrj hNuhtYk; , JNghdw rpi y fpi ljjssJ). `uggh> nkh`Qrj hNuh> Nlhyhtpuh Mfpa , lqfsy; fpi ljj fy; rpwgqfs; Mfpai t `ugghtpd; fi yggi l gGfshFk; nghki k tz bfs> fpYfpYgi gfs> rffuqfs> gkguqfs> rJuqf tpi sahl by; gadgljjggLti jg; Nghdw fhafs> fl;lqfs; ti uaggl; gyi ffs; Mfpai t `uggh kffspd; nghOJ NghfF tpi sahl LFS fFr; rhdwhFk;

ekgrfi ffs;

. rpeJ kffs; , awi fi a toglhhfs; mur kuqfs; toghl LFFhpajhf , Uej pUfffyhk; rpy RLkz; c Utqfs; jhajnjatjijg; Nghy; cssd. fhypqfdr; Nts;tp glqfs; mi lahsk; fhz ggLssd. `uggh kffs; , weNjhi ug; Gi jjjdh; Gi jggj wfhd ei lKi wfs; tppthf , Uejd. , wej cly;fi s vhpjj wfhd rhdWfSk; fpi ljjssd. `uggh Gi jFofpfsy; klghz;l qfs> mz pfydfs> mz pfydfs> jhkuffz z hb> kz pfs; Mfpai t fpi ljjssd. , wggwF gpd;duhd thof;f gwwpa mthfspd; ekgrfi fi a , it Fwppfffyhk;

murpay; Ki w:

. klghz;l qfs> Kjjpi ufs> vi lffwfs> nrqfwwfs; Mfpatwwpy; fhz ggLk; rhdh jdi k murpay; Ki w nraygl;ij cz hj JfpwJ. jtpukhd tz pf el tbfj ffs fFj; njhopyhshfi sj; j pul; Ntz ba Njit , Uej pUfFk; mj pfhuk; gi ljj Ml rpai kgggy; , jNjit epi wNtwwggLbUfffyhk; `ugghtk; nkh`Qrj hNuhTk; efu muRfSfhd Ml rpai kggpd; fb; , aqf papUfffyhk; gz ghLg; nghUsfspd; mstlfsYk; fhz ggLk; rhdh jdi k `uggh r%fk;

c Wj pahd i ka ehtthfjjpd; fb; , aqfpaUff Ntz Lk; vdw fUj j tYggLj J fWJ.

ehfhpj j c Uthf,fp,athfs k; , ej jag; gz gh l bd; c Uthf,fKk;

. ` ugg ehfhpj j g; c Uthf,fp,athfs; j phtpl nkhof i sg; Ngr,pa,thfs; vd xU Muharr,pa,sh; jugG nj hpt,fp,fWJ. j qfs; ehfhpj j pd; tbr,rf,Fg; gpd,hd; ` ugg kffs; f,of,F Nehf,fp,ak; nj wF Nehf,fp,ak; , l kngahej i j j; nj hyypay; rh,Wfs; fhl Lf,fdwd. mthfs; , ej p,ht,pd; nttNtW gFj pfsy; Fbngahej pUff,hyk; vdpDk; ` ugg vOj J ffs,pd; nghUs; tpsq,fp,hyj hd> c Wj pahd tpi l fpi l fFk;

rpeJ ehfhpKk; rkfh,yg; gz ghLFS k;

. Nkarry; r%f kffs> Ntshz i k nraNthh> Ntli lahbf; - cz T Nrfhgghshfs> tz p,ffs; NghdNwhi u csslff,pa gy FO,ffs; rpeJ gFj p,ay; tr,ij d. , ggFj p,ay; f,uhkq,fs k; ngh,pa efuq,fs k; , Uej d. , jji fa vz z ww r%f,qfi sr; Nrhej kffs; , f,hyfl i j j y; f,dd,pa,hFk,pa,yp,Uej fh~kh; ti uAk> F[uhj j y,Uej mUz hry guNj rk; ti u,fFk; , Uej pUff,hyk; mthfs,pd; tuyhWk; , Nj mst Kff,pa,khdJ. , rr%f,qf,sp,pd; gz ghLk; #oy,ay; mw,TK; , ej jag; gz gh l fFg; gq,fs,pgG nraJ ssd.

. , ej p,ht,pd; t l Nkw,FggFj p,ay; rpeJ ehfhpKk; nro,pgG,w,yp,Uej NghJ> gw gFj pfsy; gyNtW gz ghLfs; tsheJ nfhz bUej d. , ej pa Ji z f,fz i j j pd; nj dgFj p,ay,K; (Nfush) , yqi fapYk; Ntli lahbaK; Nrfh,ij Jk; thoej r%f,qf,fs; nraygl i d. gl FgNghf,Ftuj J Fw,ij j mw,TK; , ej ` ugg kffs; nj d,de,j p,ht,pd; nj hl hG nfhz bUej pUff,hyk; Mdhy; mj wFf; nj sp,thd nj hyypay; rh,Wfs; fpi l f,ft,py; nj d,de,j p,ht,pd; t l gFj p Fw,gg,hff; f,heh fh> Mej p,gg,guNj rk; Mf,pa i t Gj,pa f,wf,hyg; gz ghLFS l d> Nkarry; kwWk; fygi g rhhej Ntshz i kapYk; <Lgl Ltej d. Gj,pa f,wf,hyg; gz ghL fh~kh> fqi fr; rkntsp Mf,pa t l , ej jag; gFj pfs,pyk; kj j pa , ej p,ht,pyk; f,of,F , ej p,ht,pyk; gut,pa,Uej NghJ j f,fhz j j pyk; Nkw,F , ej p,ht,pyk; nrkGf,hyg; gz ghL epyt,paJ. , t,thW , ej p,ht ` ugg ehfhpff; f,hyj j y; gyNtW gz ghLfs,pd; fyi t vdw nrhyj j Fej epyggFj p,ahf tpsq,fp,aj.

tbr,ri

. Vw,ij j ho ngh.M.K. 1900 , y; rpeJ rkntsp ehfhpKk; tbr,ri mi lej J. fhyepi y khwwk> nkr,gnl h,ka,pa,thi dh d tz p,fj j y; Vwgl i tbr,ri nj hl ht,wl r,pa,pd; fhuz khf MWfs; kwWk; eh; epi yf,sp,pd; ki wT Mf,pa i t tbr,ri,f,hd fhuz qfshf tuyhwwhr,pa,hfshy; fz p,f,fggLf,fdwd. rpeJ ehfhpj j pd; mopTf,Fg; gi l naLg> ntssk> MW j d; Nghfi f khww,fp; nfhz i e,fo,T Mf,pa fhuz qfS k; Kdi t,f,fggLf,fdwd. fhygNghf,py; , kffs; rpeJ gFj p,ay,Uej nj wF Nehf,fp,ak; f,of,F Nehf,fp,ak; , l k; ngahej h,ffs;

rpeJ ehfhpKk; j kp; ehfhpKk; , ej pa tuyhww,py; e,foej K j y; efukakhf,fj j pd; nts,gg,hL rpeJ ehfhpKk,hFk; rpeJ ehfhpj j pd; Nj hwwKk; Nj hw,Wt,ij j thfs; Fw,ij j nra,j pfs k; t,pt,hj j J fF c h,pa,dthfNt c ssd. rpeJ vOj J ffs,pd; nghUi s , dDk; fz i w,pa Kbat,py; nj d,de,j p,ht,py; fz nl Lf,fggl i ngUq,f,wf,hyj; j ho,fs,py; nky,ypa f,wy,fshf vOj ggl i thrf,qfS k; rpy , l qf,sp,pd; ngahfS k; rpeJ ehfhpj j J fFk; j kp; gz gh l fFk; , i l Naahd cwi t e,WTtj w,fhd rh,Wfshf Kdi t,f,fggLf,fdwd. j kpehl bYk; nj d,de,j p,ht,pyk; , i l f,wf,hyj j y,Uej nj hl hrr,pa,hf kffs; thoeJ tejj wFg; gy nj hyypay; rh,Wfs; c ssd. , thf,sp,py; rpy r%f,qf,fs; rpeJ gFj p,ay,Uej , l kngahej pUff,hyk; vdgij kw,fF KbahJ. vdpDk; c Wj pahdnj hU KbTfF tu , dDk; mj pF Ma,Tfs; Nj i t. goej kp,fj j r; Nrhej Chfshd mh,fp,fNkL> fbb> ci wAh; Nghdwi t

, ej phty; el ej , uz l hk; efukakhf;fj j pd; gFj pfs; MFk; , ej Chfs; rpeJ
efuqfsypUeJ kpfTk; NtWgl l j hf c s s d.

