

International Multidisciplinary  
Research Journal

Golden Research  
Thoughts

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## Welcome to GRT

RNI MAHMUL/2011/38595

ISSN No.2231-5063

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i Hkko ughaMkyrh gA i kj dj , oaoky ¼1998½ ds vud kj dk; Z rkvka dh dk; Z I anHz V , oafu"i knu Lrj kai j dk; Z okrkoj .k ds i j Li j cHkkoka dk [kykl k dj us ds fy, 0; fäxr rFkk I kettgd cR; {khdj .k dk eW; kadu dj uk pkfg, A fj ys , oa vU; ¼1999½ ds vud kj vPNs i f' k{k.k , oal rr v/; ; u ds vol j kads I kFk xq kRed f' k{k.k ml okrkoj .k ij fuHkj dj rk g\$ ftl ea v/; ki d dk; Z dj rk gA i frHkk' kkyh] I q' kf{kr v/; ki d ml okrkoj .k ea vf/kd i Hkkoh gkrs gA tks muds dk; Z vks 0; kol kf; d vfHkof) dks i kRl kfgr dj rk gA c\$KZ, oa Fkj ku ¼2001½ ds vud kj dk; Z okrkoj .k , oadk; Z rkvka dh dk; Z Bu dh I Qyrk ea; kx nku nrs gA vks dk; Z rkvka dh fu; k\$ak ds chp vUr%F0; k dk Lrj dk; Z rkvka dh I anHz V dks fu ekkZ j r dj rk gA fLeFk ¼2002½ us crk; k fd I aBu k dks mPp I gHkf xrk okyh xrf ofek; kads c\$KZ kfgr dj ds, d k dk; Z okrkoj .k cukuk pkfg, tks dk; Z rkvka dh dk; Z I anHz V ds Lrj dks Apkbz ij ys tkus ds fy, dk; Z rkvka dh {kerk eaof} ] fpUru dh Lorark I ayXurk dk; Z Fky eaI ayXurk vks AtkZ dk I pkj dj I dA vk; I ¼2005½ us F0, fVx v j ki k\$al cy odZys \* 'kh"kd vi us vky[k ea crk; k fd dk; Z okrkoj .k dk; Z rkvka dh ds vfHk c\$Fj r dj us oky k g\$uk pkfg, rkd dk; Z rkvka dh vi us mUkj nkf; Ro dks xgurk I sfuHkk I da vks osI aBu I stf\$sgg egl w dj A I j \$Q ¼2008½ us vi us v/; ; u ea v/; ki dka dh i j okg I s; P r o LoLFk dk; Z okrkoj .k dks c<kok nus dk I q-ko fn; kA I gy rks, oa vU; ¼2011½ ds vud kj f' k{k\$ka dk dk; Z okrkoj .k vf0; k' khyrk ds fy, dbZ I anHz mi yCek dj rk gA t, ul u , oa vU; ¼2012½ ds vud kj dk; Z okrkoj .k ds fof' k"V rRoka eaI dh. kZ: i I s I kph x; h dk; Z fLFkr; k; t\$ & LoPN vks vPNh rjg I ekkfj r I qoekk, j ; k vkekkud f' k{k.k c\$KZ k\$xdh dh I gyHkrk ds ctk; I kekt d fLFkr; k; f\$o | ky; dh I l-fr] c\$pk; Z dk usRo] vks I g; k\$; kads chp I c\$KZ f' k{k\$ka dh uk\$ j h I s I anHz V vks ds j; j dh ; kstuk dh Hkfo"; ok. kh dj usea ccy dkj d gA bl I sHk vfekd egROI w kZ dkj d I gk; d I anHz c\$ nku dj uk g\$ ftl ea f' k{k\$kd dke dj I drsg\$ ; g Nk=kadh mi yCek eaI ekkj grq; k\$dkjh gA dke dj us dh vud\$ i fj fLFkr; k; Nk= 'k\$kf. kd fodkl dh mPp nj dh i s khuxkbZ dj rh gA

nokl , oa vU; ¼2012½ ds vud kj fo | ky; I l-fr dh y{; I j puk ¼egkj r ; k c'n'kZu mUed khdj .k½ vkrE cHkkodkfj rk vks vol kn n\$uka Hkkoukvka dh I dsrd gA u; s' k{k\$kd d\$y tc dfBukb; ka dk vutlko ; k egkj r y{; mUed k okrkoj .k ea dk; Z dj jgs gkrs gA rc I g; k\$; kads I kFk yxkrkj I g; k\$KRed ckrphr mPp vkrE cHkkodkfj rk I s I anHz gkrs gA I gy rks, oa vU; ¼2013½ us f' k{k\$kd vf0; k' khyrk de dj us ds fy, , d I kekt d&l knfHkZ mi kxe dk vè; ; u fd; k o i k; k fd f' k{k\$kd , d h j . kuhfr; k; I h[k I drs gA tks mUga vf0; k' khyrk de dj us rFkk , d cgrj dk; Z okrkoj .k fQV dk fuekZ k dj us ; k\$; cuk; A bu j . kuhfr; ka dks I h[kuk vks mi ; k\$ dj uk n\$uka , d fo | ky; dh I kekt d vR%F0; kvka eamPp : i I svrfufgr gA

; g vkuHkkfod i rhfr g\$fd v/; ki d ftl <x I s dk; Z dj rs gA mudh vud\$yrk ; k i frd\$y rk v/; ki d ds dk; Z dks i Hkkfor dj rk v/; ki d dks vi us' fä' kkyh i {kk\$ ueuh; rkvka x\$arkvka Lohdk; Z k vks vok\$Nukvka dk i rk g\$us ij og fof' k"V] i k; k\$xd I yk] Lo; a ds fodkl ds fy, dk; Z kstuk , oa 0; fäxr i fj o\$ k.k i z kkyh fodfl r dj usea enn fey I drh gA dk; Z kSy; ka ea 0; fä dh t\$od&' k\$ j hfj d I j puk] eflr" d dk; kRedrk] I onh : i kRedrk] 'k\$ j hfj d vko' ; drk] okrkoj .kh; oj h; rk] I kekt d i {k rFkk 0; kol kf; d vfHkofUk; ka t\$ s' kSyh vud\$fu/kr rRoka dk I eko\$ k g\$us ds dkj .k I Vhd I \$puk, a i klr gks I drh gA 'keZ ¼2008½ us fofHkUu o\$ fDrd dkj dka ds I anHz ea I keU; f' k{k\$ I s I Ec) fo | ky; hu v/; ki dka dk; Z kSyh oj h; rkvka dk vks d\$kor ¼2010½ us fofHkUu o\$ fDrd dkj dka ds I anHz ea I ldr f' k{k\$ I s I Ec) fo | ky; hu v/; ki dka dk; Z kSyh oj h; rkvka dk v/; ; u fd; kA I Ec) I kfgR; ds v/; ; u] voykdu rFkk fo | ky; hu v/; ki u vutlko ds vk/kkj ij 'k\$ k\$drkZ } ; ; g vutlko dj rs gA fd v/; ki dka dh dk; Z kSyh muds dk; Z 0; ogkj dks i Hkkfor dj rh gA tc dk; Z okrkoj .k v/; ki d ds dk; k\$ dks i Hkkfor dj rk g\$ rksfdl h u fdl h : i eabl dh v/; ki dka dh dk; Z kSy; kads fofuf' p; u eaHk Hk\$edk gks I drh gA dk; Z okrkoj .k ds I anHz ea fo | ky; ka ea dk; Z j r v/; ki dka dh dk; Z kSyh dk I Ecu/k Kkr dj us grq Hkkj r ; k

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i Lrj 'kks'k v/; ; u ds mif s ; kuq kj LorU= pj dk; Zokrktoj .k ds l UnHkZ ea vkfJr pj fo | ky; hu v/; ki dka dh dk; ZkSyh dk fo' ysk.k , oa o.kZu dj us ds fy, 'kks'kdrkZ }; }kj k l oqk.k v/; ; u dh o.kZu kRed fof/k ^o.kZu kRed l oqk.k fof/k\* dk mi ; kx fd; k x; k gA

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vkfJr pj fo | ky; ka ea dk; j r v/; ki dka dh dk; ZkSyh dk v/; ; u dj us ds fy, 'kekZ 1/2 2008 1/2 }kj k fodfl r , oai eki hNr ^v/; ki d dk; Z'kSyh vud ph\* dk mi ; kx fd; k x; k gA bl v/; ki d dk; ZkSyh vud ph ds }kj k v/; ki dka dh dgy ukS 1/2 f} & /kph; dk; Z'kSy; ka ds i fr v/; ki dka dh 0; faxr oj h; rk vkadk dh tkudkj h i klr gksh gA v/; ki u dk; Z'kSyh vud ph ds fo' ol uh; rk xq kka dh x.kuk i j h{k.k i q% i j h{k.k fof/k }kj k dh x; h gA l Hkh ukS dk; Z'kSy; ka ds fo' ol uh; rk xq kka 0-854 l s 0-907 ds e/; gA vr% l gl Ecu/k xq kka mPp Js kh ds gkus ds dkj .k dk; ZkSyh vud ph mPp Lrj h; fo' ol uh; rk l s; Dr gS vr% fo' ol uh; gA v/; ki d dk; Z'kSyh vud ph dh oSk rk dks mif s ; ka ds vuq i i z; kr fo" k; fo' kskKka us mPp : i ea LohNr fd; k gA vr% bl v/; ki d dk; Z'kSyh dh vud ph dh oSk rk mPp Lrj dh Lohdkj dh x; h gA

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\*\* l kfkZd

mi ; Dr l kj .kh 1 eadk; Zokrkøj .k ds l UnHkZ ea v/; ki dka dh dk; ZkSy; kads l UnHkZ eadk; ZkSy; kads i fr nh x; h oj h; rkvkads i fj dfyr dkbZoxZekuka dk i Lrghdj .k fd; k x; k gA bl l kj .kh ds v/; ; u l s Kkr gkrk gSfd dk; Zokrkøj .k ds l UnHkZ ea fo | ky; ka ea v/; ki dka dh l Hkh dk; ZkSy; ka fo' ySk.kkRed cuke



i wkkRed] mÜkj nfk; Ro i w kZcuke mÜkj nfk; Ro eDr] {ks= Loræ cuke {ks= vk/kkfj r} y?kqI krR; i zkku cuke nh?kZ l krR; i zkku] ueuh; cuke vueuh; ] vfHki j s kk dßUær cuke vfHki j .kk x§ dßUær] okrkoj .k l ki §k cuke okrkoj .k fuj i §k] o§ fDr d cuke x§ o§ fDr d , oa n' ; kRed cuke Jo. kkRed½ ds i fr oj h; rkvka dk i fj dYi uk 1 ^fo | ky; hu v/; ki dka dh dk; Z kSyh oj h; rk, ; muds dk; Z okrkoj .k l s Loræ gksh gß l Hkh dk; Z kSy; ka %fo' ySk. kkRed cuke i wkkRed] mÜkj nfk; Ro i w kZcuke mÜkj nfk; Ro eDr] {ks= Loræ cuke {ks= vk/kkfj r} y?kqI krR; i zkku cuke nh?kZ l krR; i zkku] ueuh; cuke vueuh; ] vfHki j s kk dßUær cuke vfHki j .kk x§ dßUær] okrkoj .k l ki §k cuke okrkoj .k fuj i §k] o§ fDr d cuke x§ o§ fDr d , oan' ; kRed cuke Jo. kkRed½ ds fy, vLohÑr gksh gß bl fy, e[; 'kks'k i fj dYi uk ^fo | ky; hu v/; ki dka dh dk; Z kSyh oj h; rk, ; muds dk; Z okrkoj .k l s Loræ ugha gksh gß l Hkh dk; Z kSy; ka %fo' ySk. kkRed cuke i wkkRed] mÜkj nfk; Ro i w kZcuke mÜkj nfk; Ro eDr] {ks= Loræ cuke {ks= vk/kkfj r} y?kqI krR; i zkku cuke nh?kZ l krR; i zkku] ueuh; cuke vueuh; ] vfHki j s kk dßUær cuke vfHki j .kk x§ dßUær] okrkoj .k l ki §k cuke okrkoj .k fuj i §k] o§ fDr d cuke x§ o§ fDr d , oan' ; kRed cuke Jo. kkRed½ ds fy, vLohÑr gksh gß bl l s; g fu" d" kZ i klr gkrk gSfd fo | ky; hu v/; ki dka dh l Hkh dk; Z kSy; ka %fo' ySk. kkRed cuke i wkkRed] mÜkj nfk; Ro i w kZcuke mÜkj nfk; Ro eDr] {ks= Loræ cuke {ks= vk/kkfj r} y?kqI krR; i zkku cuke nh?kZ l krR; i zkku] ueuh; cuke vueuh; ] vfHki j s kk dßUær cuke vfHki j .kk x§ dßUær] okrkoj .k l ki §k cuke okrkoj .k fuj i §k] o§ fDr d cuke x§ o§ fDr d , oan' ; kRed cuke Jo. kkRed½ i j oj h; rk, ; muds dk; Z okrkoj .k l s Loræ ugha gksh gß

### fu" d" k&foopuk

dk; Z okrkoj .k ds l nHkZ eafo | ky; hu v/; ki dka dh dk; Z kSyh ds v/; ; u l s; g fu" d" kZ i klr gkrk gSfd fo | ky; hu v/; ki dka dh l Hkh dk; Z kSy; ka %fo' ySk. kkRed cuke i wkkRed] mÜkj nfk; Ro i w kZcuke mÜkj nfk; Ro eDr] {ks= Loræ cuke {ks= vk/kkfj r} y?kqI krR; i zkku cuke nh?kZ l krR; i zkku] ueuh; cuke vueuh; ] vfHki j s kk dßUær cuke vfHki j .kk x§ dßUær] okrkoj .k l ki §k cuke okrkoj .k fuj i §k] o§ fDr d cuke x§ o§ fDr d , oan' ; kRed cuke Jo. kkRed½ i j oj h; rk, ; muds dk; Z okrkoj .k l s Loræ ugha gksh gß l kFk gh l EcfU/kr l kj .kh 1 ea i nRr oj h; rkvka dk rgyukRed v/; ; u dj us i j ; g Kkr gkrk gSfd l g; kxh] fefJr vk§ vl g; kxh rhuka gh i zkj ds dk; Z okrkoj .k okys fo | ky; hu v/; ki d mÜkj nfk; Ro i w kZ {ks= Loræ] nh?kZ l krR; i zkku] okrkoj .k fuj i §k vk§ n' ; kRed dk; Z kSyh dks vf/kd oj h; rk nrsgß

bl l s; g i rk pyrk gSfd rhuka i zkj ds dk; Z okrkoj .k okys fo | ky; ka eadk; j r v/; ki d Lo; adks l kã s x; sdke ds l kFk bl rjg l s l Ec) dj yrs gßfd dk; Z dh l Qyrk mudk vi uk y{; cu tkrk gß bl rjg y{; kledk gkcdj dk; Z ekxZ ea vkusokyh ck/kkvka, oa l Fkfr; ka i j xEHkhj rk l sfopkj dj rsgß rFkk dk; Z ds fy, vko' ; d l ð k/kuka, oa {kerkvka dh i kflr dj Lo; adks 0; ofLFkr dj us dk i z Ru dj rsgß dk; Z dh i firZ ds Øe ea vfrfj Dr l e; , oa Je ndj dk; Z dj rsgß dk; Z dj rsl e; fu; e i frfu; eka dk /; ku j [kuk i ð n dj rsgß vk§ ges kk ogh dj rsgß tksfu; ekuq kj l gh gß dk; Z dk mfpr j hfr , oa Bhd l e; l s i w kZ gkuk budk m í s ; gkrk gß , d ckj dk; Z dks Lohdkj dj us ds ckn ; s vi us i w kZ l keF; Z, oa i z kl l s dk; Z dj rsgß pkg s dkbz mudk i ; b§k. k djs ; k u dj ð dk; Z l s l EcfU/kr l eL; kvka ; k l angka dk fuokj .k dj us ds fy, l {ke v/; ki d ; k 0; fDr; ka ds fuj Urj l Ei dZ ea j grs gß l keU; r% bu v/; ki dka dk dk; Z dk; Z LFkfr dh l j puk l s i Hkfor gkrk gß ; s, d Li "V ekxh' kZu] vkdYi u vFkok <kpa ds vUrxZ dk; Z dj us dks oj h; rk ugha nrsgß l Ei R; ; ka dh i kflr , oa vUrj .k ds fy, i fj dYi uk i j h{k. k mi kxe dks vi ukrs gß fo | kFkZ bluga f) kUrka dks ykxw dj us ds fy, i kRl kgu nks okys ds : i ea i R; {khÑr dj rsgß vf/kxe

okrktoj .k ds l xBu , oa ekxzh' kZu djusdh {kerk bl dk l n<+i {k gkrk gA ; svi uh l ekykpuk l scgr de i Hkkfor gkrsgA Loifj Hkkf"kr y{; , oa i qcyu dk mi ; kx djrsqg Lo; adh l j puk dk vkdYi u djusdsfy, mRi fj r djrsqg ; sv/; ki d nh?kZ vof/k rd pyusokysdk; Øekj xrfof/k; kq dk; ksea vf/kd mRl kg ds l kFk dk; Zdj i krsqg , d ckj dk; Zvkj EHK dj nusdsi 'pr~tc rd ml si j k ughadjrsqg arc rd fdl h vU; dk; Zdksdjuk i l Un ughadjrsqg , d sv/; ki d fdl h dk; Zdh i frZdsfy, yEch cBd ns l drsgarFkk bluga chp&chp eavkgkj] is inkFkZ eukj atu vkfn dh vko' ; drk egl i ughagkrh gA fnu ds l e; fo' kSk dk budh dk; Z{kerk ij mYyq[kuh; i Hkko ugha i M-rk gA bluga vi usdk; Zokrktoj .k eafdl h fo' kSk i zdkj ds vks pkfj d okrktoj .k ¼/ofu Lrj] i zdk' k] cBd 0; oLFkk] l kexh , oa l fo/kk vka dh mi yC/krk vkfn dh vko' ; drk ughagkrh gA vks pkfj d okrktoj .k dk gksuk ; k uk gksuk budsdk; Zfu"i knu ij fo' kSk i Hkko ugha j [krk gA ^tks t gk; t s k gSoks Bhd gS budk ey ea= gks l drk gSbl fy, l kexh , oa l fo/kk vka dh mi yC/krk dh i kfr dsfy, budh l fØ; rk de gkrh gA ; sdk; ZFky ds okrktoj .k l svi Hkkfor ; k de i Hkkfor gkdj dk; Z tkj h j [k l drsgA ; sdk; Z l Fkr; ka ea i < tk l dusokyh l ipukvka dks egRo nrsqg fyf [kr funz kka dk vuq kyu djuk budsfy, l gt gkrk gA rLohj ka; k fp=ka; k epar l kexh dks n[ k dj ; k iz Ør djus l sLo; adks cgrj < x l s0; Dr dj i krsqg n" ; l kexh budh dYi uk dks funz ku nrh gA d {kk ea n" ; l kexh ds mi ; kx dks oj h; rk nrsqg veirZ dh rnyuk ea erZ fpluru djrs l e; l gtrk dk vuHko djrsqg

l EcfU/kr l kj .kh 1 eanh x; h ojh; rk vka dk rnyukRed v/; ; u djus ij ; g Hkh Kkr gkrk gSfd l g; kxh vks fefJr dk; Z okrktoj .k okys fo | ky; hu v/; ki d t gk; fo' ySk. kRed] ueuh; ] vfHki j s kk dSuar vks xj os fDrd dk; Z ksy; ka dks vf/kd oj h; rk nrsqg ogha vl g; kxh dk; Z okrktoj .k okys fo | ky; hu v/; ki d i wkkRed] vueuh; ] vfHki j .kk xj dSuar vks os fDrd dk; Z ksy; ka dks vf/kd oj h; rk nrsqg bl l s; g Li "V gkrk gSfd l g; kxh vks fefJr dk; Z okrktoj .k okys vf/kdkd k fo | ky; hu v/; ki dka ea y{; ds i fr mLe [krk vf/kd gkrh gA ; svkUrfj d : i l svfHki fj r gksus ij vf/kd l h [krsgA ; sv/; ki d fdl h 0; oLFkk@iz kkyh ds Hkkxka ij fopkj djrsqg ; g l e>usdk iz kl djrsqg fd ; g Hkkx fdl i zdkj feydj dk; Z djrsqg cMsi sekus ij i Hkko Mkyrsqg ; sv/; ki d cMh rLohj ; k l exz fopkj ea l svak ; k va kka ij xks djrsqg fo' ySk. kRed , oarkfdl fpluru djrsqg foLrkj ds l kFk , dne Bhd dke djrsqg vi us in' kZu dk ckjhdh l s fo' ySk. k djrsqg dk; Z okrktoj .k l s l EcfU/kr vkdkk k vka dks Li "V : i l si fj Hkkf"kr dj i krsqg l ey ea dk; Z vk/kkfj r tkf [ke mBkusokys gkrsgA efLr" d fØ; kdyki ds QyLo: i vf/kd rdZ l x r pj .kc) l ipukvka dks oj h; rk nrsqg l ipuk xg. k vFkok i nku djrs oDr ij h i fØ; k dks pj .kc) < x l syrsqg o vf/kd 0; oLFkr gkrsgA ; sv/; ki d dk; Z fLFkr eafØ; k vFkok i frfØ; k djus l si wZ cgr l k l kFkd , oa mRi kn d fpluru djrsqg l keU; r% dk; Z l eL; k ds i j Ei j kxr l ek/kkuka l sl arqV ughagkrsgarFkk uohu ; k eksyd ; k vf}rh; i frfØ; k djrsqg l ek/kku rd i gpusdk iz kl djrsqg dk; Z ea fofo/krk] puksrh , oa i fj orZu fi z rk ds ckj .k i zkkukpk; Z , oa vf/kdkfj ; ka dk vU/kku dj .k ugha djrsqg ; fn , d gh dk; Z bluga nckj k djuk i M-rks Hkh ; s i wZ iz qj fØ; kfof/k dks ugha vi uk i krsqg ; fn dHkh blgaml h j hfr ; k mi kxe l sdk; Zdjuk i M-rk ; sl keU; r% vi usvki dks vl gt i krsqg Qyr% vi uk mRi "V in' kZu ughans i krsqg bl fy, ; sdk; Z vFkok l eL; k&l ek/kku dh uohu ; k Lo; a } kjk viz Ør fof/k dk vuq z kx djus dks oj h; rk nrsqg ; sv/; ki d vkUrfj d ; k cká ; k nksuka dkj dka l svfHki fj r gkdj LoPNk l sdk; Z djrsqg ; sdk; Z l Fkr; ka l svf/kdkf/kd vol j t h/kus dsfy, Lor% mRl kfgr jgrsgA ; scgrj dk; Zfu"i fUk dsfy, vi uk l okke iz kl djrsqg dk; Zdh l Qyrk bluga vks vf/kd i kRl kfgr gkdj vf/kd AtkZ ds l kFk dk; Zdjus dks i fj r djrh gA vl Qyrk dk Hk; ; | fi bluga i Hkkfor dj l drk gS rFkfi vfHki j .kk dscyoh gksus ij ; svi usvki dks dk; Z j r j [k i kusea l Qy gks t krsqg ; sv/; ki d dk; Zdjrs l e; Lo dSuar gkrsgA , d sv/; ki d l kefigd : i l si ktr y{; dh rnyuk ea 0; fDrx : i l si ktr y{; ds i fr vf/kd l fØ; rk dk in' kZu djrsqg vdsys dk; Zdjus dk



vol j fn; stkusij vkufUnr o , dxxfpÜk gkdj dk; Z djrs gA l kefgd dk; Zeaviuh Hkñedk dsifr l ðnu'khy gkrs gA rFkk Hkñedk dk Li "V ifj Hkk"kh dj .k pgrs gA v/; ki d mledqk gkus ds dkj .k buds vuq kj l emg dh dfe; k@fofo/krk, ; dk; Z dksudkj kRed : i l si Hkkfor djrh gA blgaviuh {kerkvka ij vf/kd fo'okl gkrk gA dk; Zi w kZ gkus ij 0; fDrxr in'kZu dksj s[ kñidr djusij cy nrs gA fuoß fDrd f'k{k.k fLFkr; ka tS &0; k[; ku dks oj h; rk nrs gA f'k{k d dßær vf/kxe okrkoj .k dsifr xEHkhj gkrs gA 0; fDrxr ifri q"V , oai qczyu l si Hkkfor gkrs gA

ogha nñ j h vñj vl g; kxch dk; Z okrkoj .k okys vf/kdkk fo | ky; hu v/; ki d okrkoj .k dks , d l exz bdkbz ds : i eans[ krs gA l exz fopkj vFkok cMh rLohj ij xkñ djrs gA , oafolrkj dsifr vf/kd xEHkhj ugha gkrs gA l edu dh , d h ; kx; rk dh vko' ; drk ik ; % dyk] l ahr ] /ke] vUrKkZu vñj vU; xrfof/k; ka dk vk; kstu djrs l e; gkrh gA , d sv/; ki d ik ; % l keftd fLFkr; ka ea t gk; l ðnu'khyrk] vUrKkZu dñkyrk dh vko' ; drk gkrh gSogk; mRñ "V in'kZu djrs gA okrkoj .k dks , d l exz bdkbz ds : i ea l Ec) djrs gA dk; Z dh l Ei w kñrk ij vf/kd /; ku nrs gA l keftd : i l smledq kh dj .k gkus ds dkj .k tks cká ij dka l svf/kd i Hkkfor gkrs gA ; sv/; ki d l e; ] LFku , oadk; Z dsrj hds dsifr n<+gkrs gA budh l e; ] LFku , oadk; Z dsrj hds dsifr fo'kñ i l Un ; k uki l an gkrh gA ; si zkkukpk; Z , oa vU; vf/kñfr; ka }kj k inÜk funz kka ; k dk; Z kstuk dk v{kj 'k% ikyu djrs gA uohu dk; Z fLFkr; ka ea i zkkukpk; Z ; k vf/kñfr; ka }kj k fufnZV mi kxe ; k vi us }kj k i ðzeavi uk; h x; h j hfr ; k mi kxe l sdk; Z djus dks oj h; rk nrs gA dHkh&dHkh ; sbrus n<+gk l drsgfd ipfyr@i kj Ei fj d ; fDr ds brj dk; Z djuk i l Un ugha djrs gA bu v/; ki dka ea u rksbruh vkUr fjd vfHki j .kk gkrh gS tks mlga dk; Z vkj EHk djus ds fy , i j r dj l ds ; k dk; Zeacuk; sj [k l ds vñj ugha bu ij fu; fer cká vfHki j .kk dk dkbz fo'kñ i Hkko gkrk gA nñ j s 'kCnkaea , d sv/; ki dka ea vfHki j .kk dh deh gkrh gA Qyr% ; sde l sde dk; Z djuk pgrs gA bu eadk; Z fLFkr; ka l sykHk i kñr dsifr mRl kg ugha jgrk gA mPp mi yC/k , oai zka k buds in'kZu dks i Hkkfor ugha dj i krh gA ^dk; Z djuk gS bl fy , dj j gsgA budk l = cu tkrk gA blga dk; Z ds fy , i j .kk nus ds fy , fo'kñ i kñl kgd dh vko' ; drk gkrh gS vñj l keU; r% ; g i kñl kgd dkbz cká dkj d gh curk gA ; s v/; ki d dk; Z djrs l e; Lo dßær gkrs gA , d sv/; ki d l kefgd : i l si kñr y{; dh rgyuk ea 0; fDrxr : i l si kñr y{; dsifr vf/kd l fØ; rk dk in'kZu djrs gA vdsys dk; Z djus dk vol j fn; s tkusij vkufUnr o , dxxfpÜk gkdj dk; Z djrs gA l kefgd dk; Zeaviuh Hkñedk dsifr l ðnu'khy gkrs gA rFkk Hkñedk dk Li "V ifj Hkk"kh dj .k pgrs gA v/; ki d mledqk gkus ds dkj .k buds vuq kj l emg dh dfe; k@fofo/krk, ; dk; Z dksudkj kRed : i l si Hkkfor djrh gA blgaviuh {kerkvka ij vf/kd fo'okl gkrk gA dk; Zi w kZ gkus ij 0; fDrxr in'kZu dksj s[ kñidr djusij cy nrs gA fuoß fDrd f'k{k.k fLFkr; ka tS &0; k[; ku dks oj h; rk nrs gA f'k{k d dßær vf/kxe okrkoj .k dsifr xEHkhj gkrs gA 0; fDrxr ifri q"V , oai qczyu l si Hkkfor gkrs gA

i Lrñ v/; ; u dk mi ; ða fu"d"kZ ; g mn?kñfr djrk gS fd fo | ky; hu v/; ki dka }kj k l Hkh dk; Z kSy; k& fo'ySk .kkRed cuke i w kñRed] mRkj nkf; Ro i w kZ cuke mÜkj nkf; Ro eDr] {ks= Lora= cuke {ks= vk/kñfr] y?kq l krR; i zkku cuke nh?kZ l krR; i zkku] ueuh; cuke vueuh; ] vfHki j s kk dßær cuke vfHki j .kk xñ dßær] okrkoj .k l ki s{k cuke okrkoj .k fuj i s{k] oS fDrd cuke xñ oS fDrd , oan' ; kRed cuke Jo .kkRed ij nh x; h oj h; rk, ; muds dk; Z okrkoj .k l sLora= ugha gkrh gA bl fu"d"kZ l s l Ec) ; k vl Ec) gkus okyk dkbz v/; ; u fu"d"kZ mi yC/k ugha gS tks fo | ky; ka ea dk; Z okrkoj .k ds l UnHkZ ea v/; ki dka dh dk; Z kSyh dh tkudkj h i Lrñ djrk gA v/; ki dka ds dk; Z okrkoj .k ds l UnHkZ ea i Lrñ 'kks'k v/; ; u dk ; g fu"d"kZ ; | fi U; k; kñpr gS fQj Hkh 'kks'k drk } ; cM@U; kn'kZ ij vñj ; k vU; mi dj .k i z kx }kj k bl v/; ; u fu"d"kZ dh tkp dk l ðko i Lrñ djrs gA

### I UnHkZ l ph

- 1-uš kuy l šVj QkV , M; wds ku LVšVfLVd ¼1997¼ tKt l šVLOD' ku vea vešj dkt Vhpl Z% bQšVl vKtD odlyš d. Mh' kuI ] cšdxt. M dšVšVšj fLVDI ~, . M Vhpl Z dEi su l š ku] okf' kaVu] Mh- l h-] tšykbZ
- 2-fj ys ] fj pM¼ MČY; # , V vKly- ¼1999¼ Vhpj DokfyfV% v fj i kšZ vKtD nk fi š š ku , . M DokfyfQds ku vKtD i fcyd Ldny Vhpl ] vešj du l šVj QkV , M; wds ku LVšVfLVDI ] LVšVfLVdy fj i kšZ] vKtQI vKtD , M; wds kuy fj l pZ, . M bEi wšV] tušVfj
- 3-flEfk] th- ¼2002¼ yHMI Z, utkbt , . M baxst nk odQkš ] vKtQI l kš; wkuI ] 19¼7¼ 20-
- 4-l š [Q] fyl k ¼2008¼ fMLkbošYM % nk LVkš ht ukokbl Vhpl ] Vhřpax , . M Vhpj , M; wds ku] okW; wš 24 ¼5¼ 1317&1332-
- 5-l gyřkš fdj l h , V vKly- ¼2011¼ Vhpj ofdž&, uok; jušV fQV vl v ŸšodZ QkV cušV kšV , DI i šj , ulM ck; fQflu' k Vhpl ] Vhřpax , . M Vhpj , T; wds ku] 27¼7¼ vDVřj] 1101&1110-
- 6-l gyřkš fdj l h , V vKly- ¼2013¼ fj Mř fil x Vhpj cušV kmV% v l kšl vkš dšVšVl pšy , čkp] Vhřpax , . M Vhpj , tšV ku] 35] vDVřj] 62&72-
- 7-' kš] eukst dšj ¼2008¼ fofHku oš fšd dkj dka ds l UnHkZ ea v/; ki dka dh dk; Z kšy; ka dk v/; ; u( vi dšf' kr i h, p-Mh- ' kš' k& i šU/k' f' k{kk' kkl=} j ktLFkku fo' ofo | ky; ] t; i šj -
- 8-dškor] Tk; ukj k; . k ¼2011¼ l šNř fo | ky; ka ea dk; š r v/; ki dka dh dk; Z kšy; ka dk v/; ; u( vi dšf' kr i h, p-Mh- ' kš' k& i šU/k' f' k{kk' kkl=} ouLFkyh fo | ki hB] j ktLFkku-
- 9-tkš ul u] l š ku ejj , V vKly ¼2012¼ gkm dšVšVlV ešV l Z bu gkbšuhM LdšVt: nk bQšVl vKtD+ Vhpl š ofdž dšV' ka vku nš j čQš kuy l šVLOD' ku , . M nš j LVšVlV \* vphošV] Vhpl Z dšVšVt fj dšV] 114 ¼10¼ 1&39-
- 10-nokš ] fšLVšy , V vKly ¼2012¼ Mt nk l kšy ofdž , uok; jušV čšMDV fčxfuax Vhpl Z l šQ , fřQšd h , . M Qhřyax vKtD+ fMčš ku] Vhřpax , . M Vhpj , tšV ku] 28 ¼2¼ Qjojh] 206&217- <http://dx.doi.org/10-1016/j.tate.2011-09-008>
- 11-i kš dj] , l - , . M oky] Vh- ¼1998¼ tKt , M odZ fMtkbu % vksšžkšftax odZ rksčeks/ ošy chšax , M bQšDVouš ] l šV] FkktM vKtD l -
- 12-cš] tš , . M Fkš ku] , - ¼2001¼ l kbdkš kš h bu odZ dšVšVlV] vKtD l QkšZ; š uofl š h čd ] dš Vkmu] 482-
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