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>Xxh&>kifM;k d; v/;;ujr fo|kfFk;k e dEI;Vj f'k{k k d;
Áfr tkx:drk dk fodkl



¹xixkjke okLdiy

I fonk 0;k[;krk] f'k{k v/;;u'kkyk] noh vfgY;k fo'ofokky;]
bUnkj¼e-i-½fgxkyh-

Short Profile

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Co - Author Details :

²vpiuk nc;] ³priuk 'kDyk

²Idk; v/;;{k} f'k{k v/;;u'kkyk] noh vfgY;k fo'ofokky;]bUnkj¼e-i-½

³0;k[;krk] f'k{k v/;;u'kkyk] noh vfgY;k fo'ofokky;]bUnkj¼e-i-½



I kjk'k %

iLrr 'kk/k 'kh"kd ^>Xxh&>kifM;k d
v/;;ujr fo|kfFk;k e dEI;Vj f'k{k k d;
d Áfr tkx:drk dk fodkl** ,d
i;kxkRed idkj dk 'kk/k dk; Fkk]
ftle dEI;Vj if'k{k.k dk;de }kjk
fn, x, mipkj dh iHkkkfork dk
fo|kfFk;k dh dEI;Vj d ifr
tkx:drk d lUnHk e v/;;u fd;k
x;kA ÁLrr 'kk/k dk vx mnn'; Fkk&
dEI;Vj if'k{k.k dk;de l mipkfjr
fo|kfFk;k d io ,o i'p ijh{k.k
voLFkkvk e dEI;Vj d ifr

tkx:drk ek/; Qykdk dh ryuk djukA iLrr 'kk/k dh ifjdYiuk vx Fkh& dEI;Vj if'k{k.k dk;Øe }kjk
mipkfjr fo|kfFk;k d io ,o i'p ijh{k.k dEI;Vj tkx:drk ek/; Qykdk e dkb lFkd vrj ugh gA iLrr
'kk/k e ^fol tu vkJe** fo|ky;] uoy[kk e v/;;ujr >Xxh cLrh d 50 fo|kfFk;k dk mnn'; ijd U;kn'
rduhd d }kjk p;u fd;k x;kA ; lHkh fo|kFkh d{k 6Vh l 8oh rd d Fk] ftudh me 11&15 o"k d e/; FkhA
iLrr v/;;u e ^,dy leg io ijh{k.k&i'p ijh{k.k ikdYi %Pretest-Posttest Single Group
Design½** dk mi;kx fd;k x;kA 'kk/k e fo|kfFk;k dh ^dEI;Vj d ifr tkx:drk* d vkdyu gr 'kk/kdrkvk
}kjk fufer ^dEI;Vj tkx:drk ijh{k.k* dk mi;kx fd;k x;kA iLrr 'kk/k e inRr fo'y"n.k gr lglcf/kr Vh
¼t½ ijh{k.k dk mi;kx fd;k x;kA 'kk/k l vx fu"d"n iklr gvk& dEI;Vj if'k{k.k dk;Øe l fn;k x;k mipkj
>Xxh >kifM;k d v/;;ujr fo|kfFk;k e dEI;Vj d ifr tkx:drk d fodkl d lUnHk e iHkkoh ik;k x;kA

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>Xxh&>kifM;k d v/;;ujr fo|kfFk;k e dEI;Vj f'k{kk d Áfr tkx: drk dk fodkl

ÁLrkouk

iLrr 'kk/k 'kh"kd ^>Xxh&>kifM;k d v/;;ujr fo|kfFk;k e dEI;Vj f'k{kk d Áfr tkx: drk dk fodkl** ,d i;kxkRed idkj dk 'kk/k dk; Fkkj ft le dEI;Vj if'k{k.k dk;de }kjk fn, x, mipkj dh iHkkkfork dk fo|kfFk;k dh dEI;Vj d ifr tkx: drk d lUnHk e v/;;u fd;k x;ka eu"; dh Ádfr ÁkjEHk l gh ftKkl rFkk Kkukt u dh jgh gA Kku o ftKkl kvk d ek;/e l gh eu"; u db u; u; vkfo"dkj fd, g] t k mld dk; dk vk l ku cuku d l kFk&l kFk xfr Ánu d jr gA bu vkfo"dkj e l dEI;Vj Hkh ekuo dh ,d ie[k [kk t gA dEI;Vj ,d , l h byDVkfud e'khu g t k gekj }kjk fn; x; MkV k ij fun'kku l kj dk; djd ifj.kkek dk l xfr d jr h gA dEI;Vj dk dk; r t xfr oky k] l gh fo'oluh; gkrk gA dEI;Vj Á.kkyh fo| r Áokg ij dk; d jr h g] bldh Hkk"kk fo| r /kkj d vk/kkj ij 0 rFkk 1 l cuh gb gA bl f}vdh; Á.kkyh dgr gA ;g MkV k dk tkudkj h e cnyrk g vkj bl tkudkj h dk l xfr d jr k gA vkt dEI;Vj u ekuo d dk; dh xfr o {kerk dk db xuk c<k fn;k g vkj blu ekuo thou d iR;d dk; {k= dk iHkkfor fd;k gA vr% foKku ,o rduhdh d bl vk/kfud ;x e dk; dk ÁHkkoh cuku rFkk ml vkx xfr Ánu d ju d fy; ÁR;d 0;fDr dk dEI;Vj dk'ky dk Kku gkuk vko'; d gA dEI;Vj d mi;kx }kjk vkt l Ei.k fo'o ,d NkV lenk; e fleV x;k g ,o l pukvk dk {k= vf/kd foLrr gvk gA dEI;Vj dh mi;kfxxrk dk /;ku e j[kr g, ;g vko'; d g fd ÁR;d 0;fDr dk bldh tkudkj h gA fo| kFkh Hkh bldk viokn ugh gA Hkkjr e xkeh.k rFkk >Xxh cLrh; {k=k dk ckgy; gA ;g jgu oky 0;fDr;k dk viuh nfud vko'; drkvk dh ifr e gh ijk thou 0;rhr gk tkrk gA vkfFkd dk;k d dkj.k ; ykx pkgdj Hkh lekt d l kFk ugh py ik jg gA >Xxh cLr;k d Nk=k dk vud l fo/kk; Ánu d ju d fy, vud lekt loh l LFkk, o 'kk lu }kjk fofHkuu ;ktukvk d ek;/e l db dk; fd, t k jg gA ckt n bld >Xxh cLr;k d ykxk o mud vfHkhkkodk e f'k{kk d ifr tkx: drk dk vHkko gA l kFk gh >Xxh cLr;k d fo| kFkh dEI;Vj viofpr {k=k e vkr gA vr% bl ckr dh LIK"V vko'; drk ifrikfr gkrh g fd bu {k=k e v/;;ujr fo|kfFk;k dk dEI;Vj dh vk/kkjHkr tkudkj h Ánu dh t k,A mUg dEI;Vj dh dk; Á.kkyh] mldh fo'k"krkvk rFkk mld vuÁ;xk l ifjp; djok;k tk,] rkfd mue dEI;Vj dk vk/kkjHkr Kku ikr gk l d vkj o bldk mi;kx viuh nfud o fofHkuu 'kf{kd dk;k e dj l dA l kFk gh l kFk vft r dEI;Vj dk'kyk d vH;k l o m le ikjxrrk ikr dj] o vkfFkd : i l Lor= gkdj ml thou;kiu d ,d l k/ku d : i e mi;kx dj l dA

Lkcf/kr l fgr; d leh{kkRed v/;;u l Li"V gkrk g fd dEI;Vj f'k{kk ij vYi 'kk/k dk; g, gA ÁHkkdj ¼1989½ u d {kk 12oh Lrj ij l {etho idj.k gr dEI;Vj lgk;d vun'ku l kexh dk fodkl fd;kA Hkkj }k t ¼1990½ u dEI;Vj lgk;d vun'ku l kexh o ijEijxrr f'k{k.k dh ryukRed iHkkfork ij 'kk/k dk; fd;kA egk t u ¼1991½ u dEI;Vj f'k{kk gr vkVke'ku ij l kVVo;j dk fodkl fd;kA flg ,o lg;kfx;k ¼1991½ u xf.kr fo"k; e dEI;Vj lgk;d vun'ku dh iHkkfork dk v/;;u fd;kA t ;keuh ¼1992½ u d {kk 11 oh d fy, Hkkf rd fo"k; e dEI;Vj lgk;d vun'ku l kexh dk fodkl fd;kA vf/kdkjh ¼1992½ u d {kk 12oh Lrj ij dkf'kdk ituu idj.k gr dEI;Vj lgk;d vun'ku l kexh dk fodkl fd;kA feJk ¼1993½ u f'k{kk v/;;u'kkyk d ch- ,M- Lrj d fo| kfFk;k d lUnHk e dEI;Vj f'k{kk dk v/;kid f'k{kk e Hkfo"; fo"k; ij 'kk/k dk; fd;kA f'kun ¼1993½ u ,e- ,M- Lrj ij fo| kfFk;k gr dEI;Vj l kVVo;j d fodkl ij 'kk/k dk; fd;kA fcLoky ¼1993½ u dEI;Vj vk/kkfjr o;fDr d fjDr le; ic/ku i.kkyh dk fodkl dj mldh iHkkfork dk v/;;u fd;kA jkBkj ,o frokj h ¼2003½ u ch- ,M- Lrj ij eukoKkfud ijh{k.k gr dEI;Vj hdr MVkl d fodkl ij 'kk/k dk; fd;kA ikyhoky ,o vkpk; ¼2003½ u xkeh.k {k= d fo| kfFk;k e dEI;Vj tkx: drk d fodkl ij 'kk/k dk; fd;kA

ijEijxrr f'k{k.k e 0;k[;ku dh ,d:irk vkj f'k{kd dh Hkfedk ie[k gkrh gA vkt foKku ,o rduhdh d ;x e dEI;Vj u ekuo thou d iR;d dk; {k= dk iHkkfor fd;k gA f'k{k.k Hkh bl l vNr k ugh gA dEI;Vj }kjk f'k{kd dh Hkfedkvk dk l hfer fd;k t k jgk g vkj db LFkkuk ij mldh Hkfedkvk dk ÁfrLFkfr Hkh fd;k t k jgk gA l kFk gh jk t xkj d fy, vko'; d ;kx;rk e dEI;Vj l k{kj gkuk vfuok; gvk gA oreku e

>Xxh&>kifM;k d v/;;ujr fo|kFk;k e dEI;Vj f'k{k d Áfr tkx: drk dk fodkl

dEI;Vj l{kjrk ,d vfuok;rk gA fo'k"kdj ;ok o cky ox e] rkfd o bld ek/;e l Kku vtudj ld vkj bldk viu fofok 'kfkdk;k e mi;kx dj l dA vr% ;fn cPpk dk ÁkjEHk e gh bldh f'k{k Ánku dh tk, rk cPpk dk Hkfo"; mTtoy cu tk,xkA dEI;Vj dk mi;kx dju d fy, bld lpkyu e n{k gkuk vko';d gA bldh dk /;ku e j[kr g, f'k{k e=ky; u ek/;fed] mPprj ek/;fed rFkk egkfo|ky; Lrj ij dEI;Vj f'k{k dk ÁkjEHk fd;k g rkfd vf/kdre Nk= bll ykHkkfUor gk l dA l ekt d ÁR;d ox dk dEI;Vj dk Kku gkuk pkfg,A fo'k"kdj >Xxh cLrh d fo|kFk;k dk tk dEI;Vj l ifjpr rk g] fdUr vkfFkd : i l bru l {ke ugh g fd o dEI;Vj Áf'k{k.k 'kYd dk ogu dj l dA io e fd, x, fofHkUu 'kk/k dk; dEI;Vj d vuÁ;kx ;k l k¶Vo;j idt vFkok dEI;Vj tkx: drk l lcf/kr gA >Xxh&>kifM;k d v/;;ujr fo|kFk;k e dEI;Vj f'k{k d Áfr tkx: drk dk fodkl l lcf/kr dkb 'kk/k dk; 'kk/kdrkvk dk miyC/k ugh gk ik;k gA bll iLrr 'kk/k dh vko';drk ifrikfnr gkrh gA

mnn';

ÁLrr 'kk/k dk vx mnn'; Fkk&

dEI;Vj if'k{k.k dk;de l mipkfjr fo|kFk;k d io ,o i'p ijh{k.k voLFkkvk e dEI;Vj d ifr tkx: drk ek/; Qykdk dh ryuk djukA

ifjdYiuk

iLrr 'kk/k dh ifjdYiuk vx Fkh&

dEI;Vj if'k{k.k dk;Øe }kjk mipkfjr fo|kFk;k d io ,o i'p ijh{k.k dEI;Vj tkx: drk ek/; Qykdk e dkb l kFkd vrj ugh gA

U;kn'ki

iLrr 'kk/k dh lef"V bUnkj 'kgj >Xxh cLrh d v/;;ujr fo|kFk FkA bl lef"V e l ^fol tu vkJe** fo|ky;] uoy[kk e v/;;ujr >Xxh cLrh d 50 fo|kFk;k dk mnn';ijd U;kn'k rduhd d }kjk p;u fd;k x;kA ; l Hkh fo|kFk d{k 6Vh l 8oh rd d Fk] ftudh me 11&15 o"k d e/; FkA p;fur l Hkh fo|kFk fuEu l ekft d vkfFkd Lrj o 'kgjh vkj xkeh.k nkuk i"BHkfe oky FkA l Hkh fo|kFk;k dk vun'ku ek/;e fgUnh Fkk ,o ble Nk= o Nk=k, nkuk l fefyr FkA

i;kxRed ikdYi

iLrr v/;;u dh iÑfr i;kXkkRed FkA v/;;u e ^,dy leg io ijh{k.k&i'p ijh{k.k ikdYi %Pretest-Posttest Single Group Design½** dk mi;kx fd;k x;kA ikdYi dk lkdfrd : i bl idkj g&

$$\frac{0}{\%dEicy} \times \frac{0}{,o LVuy] 1963\%}$$

Tgk &

0 ¾ ijh{k.k ¼ dEI;Vj d ifr tkx: drk ijh{k.k ½]

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>Xxh&>kifM;k d v/;;ujr fo|kFFk;k e dEI;Vj f'k{k d Áfr tkx: drk dk fodkl

× ¾ mipkj ¼dEI;Vj if'k{k.k dk; de ½A

iLrr v/;;u gr doy ,d i;kxkRed leg fy;k x;kA i;kxkRed leg d fo|kFFk;k dk ^dEI;Vj if'k{k.k dk;Øe* }kjk mipkj fn;k x;kA mipkj dh vof/k 01 ekg FkhA v/;;u e fo|kFFk;k dh ^dEI;Vj d ifr tkx: drk* vkfJr pj FkhA

midj.k

iLrr v/;;u gr fo|kFFk;k dh ^dEI;Vj d ifr tkx: drk* ifjorh l lcf/kr inŸk ,d= fd, x,A bl ifjorh d vkdyu gr 'kk/kdrkvk }kjk fufer ^dEI;Vj tkx: drk ijh{k.k* dk mi;kx fd;k x;kA bl tkx: drk ijh{k.k e dEI;Vj d Kku o vui;kx l lcf/kr dy 25 cgfodYih; oLrfu"B idkj d i'uk dk l fefyr fd;k x;k FkhA ijh{k.k dh vof/k 30 fefuV ,o vf/kdre vd 25 FkA

inŸk ldyu

loiFke U;kn'k gr p;fur fo|ky; d ikpk; o f'k{k v/;;u'kkyk d foHkxk/;{k l 'kk/k dk; gr vuefr yh x;hA U;kn'k dh l[;k vu: i 'kk/k d vkfJr pj d vkdyu gr vko';d ^dEI;Vj tkx: drk ijh{k.k o ifrfd;k ekiuh* dh Nk;kifr;k iklr dj yh x;hA bl d i'pkr p;fur fo|kFFk;k dk ekf[kd : i l fn'kk&fun'k ndj v/;;u dk mí'; Li"V fd;k x;kA U;kn'k gr p;fur fo|kFFk;k dk io fuf'pr dk; de d vulkj ifrfnu f'k{k v/;;u'kkyk e yk;k tkrk FkhA loiFke fo|kFFk;k dk ^ dEI;Vj if'k{k.k dk;Øe* }kjk i<k;h tku okyh fo"oLr ij vk/kkfjr ,d io&ijh{k.k fn;k x;kA rri'pkr l Hkh fo|kFFk;k dk ^dEI;Vj tkx: drk dk;Øe* }kjk mipkj fn;k x;kA dEI;Vj tkx: drk dk;Øe* d vUrxr 0;k[;ku ¼Lecture½ i'ukRrjh o in'ku fof/k;k d ek/;e l fo|kFFk;k dk dEI;Vj d ifr tkx: d cuku dk i;k l fd;k x;kA bu fof/k;k }kjk dEI;Vj l k{kjrk l lEcfu/kr vx fcUnvk dk v/;kiu o in'ku djok;k x;k& dEI;Vj dk fodkl o ml d fofHkUu Hkxk dh tkudkj] gkMo;j ,o l k[Vo;j o budk dEI;Vj r= e egRo] lh- ih- ;- bl d Hkxk o mud dk;] eekjh d fofHkUu idkj] buiV o vkmViV ;fDr ;k ¼ekml½ dh&ckM] ekuhVj] fiUVj] [ykih] l hMh½ iUV c'k] ,e- , l- vkQh l ¼oM] ,Dly o ikojlokbV½ o mud fofHkUu eu] Qkby cukuk] lo djuk] ,fMV djuk] ijkuh Qkby dk [kkyuk] fp= bu lV djuk bR;kfn dh tkudkj nh x;h o vH;k l djok;k x;kA dy ,d ekg rd if'k{k.k inku fd;k x;kA if'k{k.k d i'pkr leLr fo|kFFk;k dk ,d i'p&ijh{k.k fn;k x;kA i'p&ijh{k.k d i'pkr leLr fo|kFFk;k dh mŸkj&ifLrdkvk dk ,d= dj ,o ekud mŸkj l feyku dj ^dEI;Vj tkx: drk ijh{k.k* ij vd inku fd, x,A bl idkj p;fur U;kn'k d io ,o i'p dEI;Vj tkx: drk Qykd iklr fd, x,A

inŸk fo'y"k.k

iLrr v/;;u e ^dEI;Vj if'k{k.k dk;Øe* }kjk mipkfjr fo|kFFk;k d io ,o i'p ijh{k.k dEI;Vj tkx: drk ek/; Qykd dh ryuk dju gr lglcf/kr Vh ¼t"½ ijh{k.k dk mi;kx fd;k x;kA

ifj.kke ,o 0;k[;k& inŸk fo'y"k.k l iklr ifj.kke dk Lkkj.kh 1-1 e inf'kr fd;k x;k g&

>Xxh>kifM;k d v/;;ujr fo|kFk;k e dEI;Vj f'k{k d Áfr tkx: drk dk fodkl

Lkkj.kh 1-1% ijh{k.kokj dEI;Vj tkx: drk ek/; Qykd] fo|kFk I [;k] ekud fopyu] Ig|EcU/k x.kkd ,o ^Vh* eku dk inf'kr djrh rkfydk

ijh{k.k	N	M	SD	r	't' eku
io! ijh{k.k	50	03.28	2.23	0.29	22.81**
i'p ijh{k.k	50	17.64	3.26		

** 0-01 lkFkdrk Lrj ij LkkFkd

Lkkj.kh 1-1 I Lk"V g fd dEI;Vj tkx: drk d fy, ^Vh* dk eku 22-81 g] tk Lor=rk dh dkfV³/₄ 48 rFk 0-01 lkFkdrk Lrj ij LkkFkd g] vFkr dEI;Vj if'k{k.k dk;Øe I mipkfjr fo|kFk;k d io ,o i'p ijh{k.k dEI;Vj tkx: drk ek/; Qykd e lkFkd : i l vrj gA vr% bl fLFkr e 'ku; ifjdYiuk ^dEI;Vj tkx: drk dk;Øe }jkj mipkfjr fo|kFk;k d io ,o i'p ijh{k.k dEI;Vj tkx: drk ek/; Qykd e dkb lkFkd vrj ugh g** fujLr dh tkrh gA vx Li"V g fd dEI;Vj if'k{k.k dk;Øe I mipkfjr fo|kFk;k d i'p&ijh{k.k dEI;Vj tkx: drk ek/; Qykd 17-64 g] tk fd dEI;Vj if'k{k.k dk;Øe I mipkfjr fo|kFk;k d io&ijh{k.k dEI;Vj tkx: drk ek/; Qykd 3-28 I lkFkd : i l mPp gA vr% fu"d" : i l dgk tk l drk g fd dEI;Vj if'k{k.k dk;Øe I fn;k x;k mipkj >Xxh >kifM;k d v/;;ujr fo|kFk;k e dEI;Vj d ifr tkx: drk d fodkl d l UnHk e iHkkoh ik;k x;kA

fu"d" ,o ppk

'kk/k I vx fu"d" iklr gvk& dEI;Vj if'k{k.k dk;Øe I fn;k x;k mipkj >Xxh >kifM;k d v/;;ujr fo|kFk;k e dEI;Vj d ifr tkx: drk d fodkl d l UnHk e iHkkoh ik;k x;kA bl fu"d" d vx l EHkfor dkj.k gk l dr g& iFke] dEI;Vj }jkj fn;k x;k if'k{k.k e[;r% in'ku fof/k ij vk/kkfjr FkA in'ku fof/k 0;k[;ku dh ,d: irk o uhj l rk dk nj dju e lg;k;d gb gkxhA f}rh;] in'ku fof/k e vf/kd KkufUn;k dk mi;kx gkrk g] bl dkj.k Hkh fo|kFk;k dk vf/kxe vf/kd iHkkoh gvk gkxhA rrh;] v/;;l d in'ku d i'pkr fo|kFk;k u Lo; dk; djd fofHkUu nh x;h xfrfof/k;k dk fu"ikfnr fd;k] vr% ^dj d lh[ku* f'k{k.k l = d dkj.k fo|kFk;k d vock/k e of) gb gkxhA prFk] dEI;Vj foKku dk ,d uokpkj g] ft l d f'k{k.k&vf/kxe ifd;k e mi;kx dju l cPp u LokHkkfod : lk l vf/kd vo/kku o #fp d lkFk vf/kxe fd;kA bl dkj.k l lkFkd vf/kxe lEHko gk ik;k gkA bu lElr dkj.kk l dEI;Vj if'k{k.k dk;Øe I fn;k x;k mipkj >Xxh >kifM;k d v/;;ujr fo|kFk;k e dEI;Vj d ifr tkx: drk d fodkl d l UnHk e iHkkoh ik;k x;kA

l UnHk

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