

**f'k{k.k&vf/kxe dsfodkl ea'k{kld rduhdh dh Hkfedk**

**MMW ' ;lecpu oelz**

, I k{k', V i kQj j] jkt dh; egkfo /ky; vekM/h] pEi kor] mRrjk[k.M

**I kjlak**

ekuo thou cgr gh tfVy g\$ bl tfVyrk dks de djus ;k I eklr djus ea f'k{k k dh Hkfedk egRoiwkz g\$ f'k{k fodkl dk og de g\$ ftl l s 0; fDr /khj &/khjs Lo; a dks vius Hkksrd] I keftd vksj vk/; kfred okrkoy.k ds vuphy cuk yrk g\$ ckyd vius ekrk&fir k] Hkka&cgu] fe=ka rFkk v/; ki dka l s i R; d {k.k dN u dN l h[krk g\$ t\$ &t\$ &t\$ sog I ekt ds fofHku vk; keka ds l Ei dz ea vkrk g\$ o\$ &o\$ s ml dh cks) d 'kfDr] ekuf l d 'kfDr] l Ei k.k dksky] I keftd o 0; kogkfjd Kku dk fodkl gkrk g\$ vr%f'k{k ml fodkl dk uke g\$ tks tle l s thou ds vfure {k.k rd pyr h g\$

**d\$ h "k{n%f'k{k.k] vf/kxe] rduhdh vkfnA**

**ilrlouk&euq;** ea tletkr 'kfDr; k; i k; h tkrh g\$ bu 'kfDr; ka dk fodkl okrkoy.k ds l Ei dz ea vkus l s gkrk g\$ ftl idkj l Ei wkz o{k cht ea l flufgr jgrk g\$ ml h idkj euq; dk l Ei wkz 0; fDrRo ml ds cpiu ea l flufgr jgrk g\$ f'k{k og ifdz k g\$ tks 0; fDr ds bl l flufgr 0; fDrRo dks fodl r dj l Ei wkz k inku djrh g\$

f'k{k.k ,d ,d h vuqkfl r vksj fu; f=r l keftd ifdz k g\$ ftl ea v/; ki d vius Kku vksj vutko ds l gkjs vius l s de vutkoh rFkk vijji Do fo | kFkz ds Aj mfpr iHko Mkydj ml s I ekt ds vkn'kka ds vu#i <kyus dk iz Ru djrk g\$ f'k{k.k l s rkr; l ,d ,d s f=i {kh; l Ecu/k (Triadic relation) ; k f=kph; (Tripolar Process) l s g\$ ftl l s f'k{k.k dk l k r Vekuoh; vksj Hkksrd½ fo | kFkz vksj ml ds 0; ogkj ea ifjorZu ykus ds fy, vko'; d l Hkh

fdz kvka ds i k#i ,oa vk; kstu ij /; ku fn; k tkrk g\$

f'k{k.k] f'k{k ifdz k dk egRoiwkz vx g\$ bl dk fof'kV dk; l Kku nuk] vocksk djuk rFkk fplru 'kfDr ds fodkl ds l kFk gh dksky l h[kkuk Hkh g\$ f'k{k.k }kj k i <ek] fy[kuk vksj xf.kr dk Kku fn; k tkrk g\$ f'k{k ds folrr vFkzsk ea l kr in g\$ tks okNuh; g\$ ; s in g\$ i <ek] fy[kuk] xf.kr] mRrjnkf; Ro] vf/kdj rFkk l Ecu/k ,oa eukj atu vkfnA bu inka ds }kj k vf/kxe ifdz k l jy rFkk l cksk gk tkrh g\$ vf/kxe ,d ,d h ifdz k g\$ ftl ds }kj k vutkfr ; k vH; kl ds QyLo#i 0; ogkj ea vi\$kkdr LFkk; h ifjorZu gkrk g\$ vi\$kkdr LFkk; h ifjorZu 0; ogkj o\$ s ifjorZu dks dgk tkrk g\$ tks ,d [kl l e; rd LFkk; h gkrk g\$ ml [kl l e; dh dka fuf'pr vof/k ugha gkrhA og dN fnu dk Hkh

gls l drk gS rFkk dñ eghus dk HkhA bl ifjorZu earduhdh dh Hkh Hkñiedk egRoiwKZ gA rduhdh iz kSkRed mnñS; ds fy, oSkfud Kku dk vuiqZ kx gA bl iz kSkRed mnñS; ds ek/; e l sf'k{k.k rFkk vf/kxe dks i Hkko'kkyh cuk; k tkrk gA Kku ds u; &u; s rF; rFkk u; &u; s vkfo"dkjka us f'k{k ds {ks= ea dkfUr yk nh gA fo'o dh 'kS{k d l Hk; a bl {ks= ea fodkl ds fy, fujUrj iz Ru'khy gA bu rduhdh ek/; eka l s 'kS{k d vol jka dks foLr djus mPp f'k{k ds {ks= ea mYy[kuh; fodkl djus rFkk f'k{k dh xqkoYkk c<kus ea l g; kx fy; k tk jgk gA

### vf/kxe ds fl )kUr] (Theories of learning)%

f'k{k.k vkSj vf/kxe ea xgjk l Ecu/k gS rFkk f'k{k rduhdh dh Hkñiedk Hkh egRoiwKZ gA ; g ekuk tkrk gS fd ;fn f'k{k.k vPNk gS rks vf/kxe Hkh vPNk gksxk] yfdu ; g vko'; d ugha gS D; kñid dñ fo|kFkhZ vPNh 'kS{k d ; kX; rk j [krs gA rks dñ fdl h l Ei R; ; dks 'kh?kkr'kh?kz l h[k yrs gA 'kS{k d rduhdh ds fl )kUr eukSkfud fl )kUrka ij gh vk/kfjr gS tS & FkkuMkbd ds fl )kUr] (Thorndik Theory) ikoyko dk fl )kUr] (Povlov's Theory) fLduj dk fl )kUr] (Skinner's Theory) gy dk fl )kUr] (Hull's Theory) VkyeU dk fl )kUr] (Tolman's Theory) xFkj dh dk fl )kUr] (Guthrie's Theory) l » dk

fl )kUr] (Insight Theory) fi ; kts dk fl )kUr] (Piaget Theory) ok; kñl dh dk fl )kUr] (Vygotsky's Theory) vkfnA

### v/; ; u dsmnñS; &

1- f'k{k.k&vf/kxe ds fodkl ea 'kS{k d rduhdh dh Hkñiedk dk v/; ; u djuka

2- f'k{k.k&vf/kxe ds fodkl ea foHkku eukSkfud vf/kxe fl )kUrka dk v/; ; u djuka

3- f'k{k.k&vf/kxe ds {ks= ea gls jgs uohu 'kS{k d rduhdh vk; keka dk v/; ; u djuka

### mnñS; & 1- f'k{k.k&vf/kxe ds fodkl ea 'kS{k d rduhdh dh Hkñiedk dk v/; ; u&

'kS{k d rduhdh us f'k{k.k vf/kxe ds {ks= ea egRoiwKZ Hkñiedk fuHkk; h gS , d izdkj l sf'k{k ea dkfUr yk fn; k gA bl us f'k{k d ds fy, u; s {ks= tS & l d k/kuka dk izCU/k rFkk vf/kxe ds izCU/k dks [kSy fn; k gA vkt ds nkSj ea f'k{k d vius f'k{k.k dks i Hkko'kkyh cukus rFkk u; &u; s l » ds fy, midj.k ds : lk ea bl dk iz kx djuk ikjEHk fd; k gA izdj.kka dk p; u] mnñhiu dh fLFkr dh igpku djuk] vf/kxe mnñS; ka dks Li'V djuk] l pkj ek/; eka dks fu"p; djuk] f'k{k.k dh n[k&jS[k djuk] eW; kZdu djuk rFkk eW; kZdu ifj.kkeka ds funZk ij izdk" k Mkyuk gA "kS{k d ifdz k "kS{k d rduhdh ds l g; kx ds vHkko ea vkxs

ugha c<+ l drh gA "kS{k d iz kkyh dk i R; d  
i {k i w k r; k "kS{k d rduhdh l s l Ei Uu gA

"kS{k d rduhdh] "kS{k d fl ) kUr v k S v H; k l  
dk o K k f u d v k / k k j m i y C / k d j k r h g A ; g  
f u f ' d z d { k k v k a d k s l f d z v k S v l r % d z k R e d  
c u k r h g A f o | k f F k z k a d s / ; k u v k d ' k z k d s f y ,  
J 0 ; & n " ; l k e x h ] p k V ] e k M y ] L e k V Z d { k r F k k  
b & y f u k d { k d s e k / ; e l s i f j r d j r h g A ; g  
"kS{k d l l F k k u k a e a f " k { k . k & v f / k x e o k r k o j . k d k s  
v k / k f u d c u k r h g S r F k k l h [ k u s o k y s 0 ; k o l k f ; d  
: l k l s f M t k b u f d ; s x ; s d k ; D e k a e a o h f M ; k s  
; k d E l ; W j l s t M s g k a k A ; g f " k { k d d s  
l g ; k s x d s : l k e a d k ; Z d j r h g A m i p k j k R e d ]  
i k B & f u e k z k r F k k l e f ) d j . k ] v f / k x e d r k z / k a d k s  
L o & v u p s ' k u d s f y , i f " k { k . k r F k v / ; k i d k a i j  
i p j k o f U k d s f y , f u ; f e r d k ; D e ] v H ; k l v k S  
i p j h { k . k l s e f D r f e y t k r h g A ; g v / ; k i d  
d k s v u p s ' k u k R e d l k e x h r F k k v P N h r j g l s  
, d h d r l k e x h m i y C / k d j k r h g S f t l l s  
v / ; k i d d s l e ; d h c p r g k s r h g S l k F k  
l t z " k h y r k r F k k x q k o U k k e a o f ) g k s r h g A ; g  
v / ; k i d k a d s 0 ; k o l k f ; d f o d k l e a l g ; k s  
d j r h g S r F k k " k S { k d v k S v d k n f e d l e L ; k v k a  
d s l e k / k k u e a l g ; k s i n k u d j r h g A l k s ' k y  
e h f M ; k ] b . V j u s / v k f n l k s l s K k u d k u ; k  
l t u g k s j g k g A

f " k { k r d u h d h f " k { k e a " k k s k d r k z / k a d s f y , u ; s  
{ k s = d k s [ k k s y j g k g A t S & i j h { k k i f d z k ]  
e W ; k a d u v k S d { k k & d { k f " k { k . k A ; g v H ; k l

v k S v k 0 ; w g d s f y , e n n d j r k g S r F k k f " k { k k  
d s f y , v f / k x e f l ) k U r k a v k S c i ) d s f y ,  
o K k f u d v k / k k j i n k u d j r k g A f " k { k . k e a  
d E l ; W j v k / k f j r f " k { k k r d u h d h d k m i ; k s  
H k k j r d h i f l ) f " k { k k i z k k y h v k S l l F k k u k a  
} k j k v i u k ; k x ; k g A b & y f u k v k S n j l F k  
f " k { k k d k ; D e k a e a v k k u y k b u f " k { k k d s e k / ; e l s  
f " k { k . k v f / k d j k p d v k S v k l k u g k s j g k g A  
b . V j u s / v k S o Y M Z o k b M o o d s e k / ; e l s  
f " k { k d v i u s N = k a r d i g p j g s g A v k S m u d k s  
? k j c B s g h f " k { k k i n k u d j j g s g A l p u k v k S  
l E i s k . k r d u h d h f M f t V y i l r d k y ; t S s  
f M f t V y l a k / k u k a d s l t u d h v u e f r i n k u  
d j r k g A t g k f " k { k d v k S f o | k f F k z i k B ; d e  
v k S " k k s k l k e x h r d i g p l d r s g A

rduhdh us i R; d txg vf/kxe ifdz k ea  
l qkkj ykus dk dk; Zfd; k gA "kS{k d iz kkyh ea  
fu'ifuk v k S m i y f C / k e a o f ) d h g A b l u s  
f " k { k k r F k k f " k { k . k v f / k x e d k ; D e e a g e k j s  
n f ' V d k s k e a i f j o r z u y k f n ; k g A r d u h d h u s  
f " k { k d v k S f o | k f F k z k a d k s d E l ; W j d s f o f " k ' V  
t k u d k j h r d i g p u s , d = d j u s f o " y s k . k  
d j u s i L r r d j u s v k S l p u k d k s i l k f j r d j u s  
d h " k f D r i n k u d j r k g A 0 ; o g k j o k n ]  
l K k u k R e d r k ] l j p u k o k n ] C y e d h V D l s u k e h  
v k S b l d s { k s = ] H k k ' k k f " k { k . k f o f / k ; k i v k S  
r d u h d h ; D r f " k { k . k d s v k ; k e ] l h [ k u s d k s  
c < k u s d s f y , m i ; D r i z k j d s f u n i k j c g r j h u  
r d u h d h m i d j . k k a d k i z k s v k f n d s e k / ; e l s  
f " k { k . k v f / k x e d k s i H k k o h c u k ; k t k l d r k g A

mnnś; & 2- f'k{k.k & vf/lxe ds fodkl ea  
fodkl euokkfud vf/lxe fl) kUrka dk  
v/; ; u& vf/lxe fl) kUrka ds ifji; ea  
euokkfud fl) kUr egRoikz gA f'k{k.k  
vf/lxe dh ifdz; k tfVyrkva ls iwz gA  
f'k{k.k dh tfVyrkva ds de gksus ij gh  
vf/lxe gks l drk gA vf/kdkf/kd vf/lxe gks  
bl ds fy, euokkfud fl) kUrka dh egRoikz  
Hkfedk gA fdu ifjLFkr; ka ea f'k{k.k gks  
l drk gS bl s iz; kx djd fl) fd; k x; k gA  
thu fi; kts ds l KkukRed fodkl ds pkj  
pj. kka ¼ dsh&i's'kh; voLFkk] Sensory Motor  
Stage 0&2 o'kz ¼ kd+ fidz; Red voLFkk] Pre  
operational Stage 2&7 o'kz ¼ Bkl l fidz; k dh  
voLFkk] Stage of Concrete Operation 7&11  
o'kz ¼ v/s pkjd l fidz; k dh voLFkk] Stage of  
Formal Operation 11&0; LdkoLFkk rd½ dks  
n[kk tk; rls cky fodkl dk ; g fl) kUr  
dkQh egRoikz gS v/s vf/lxe vf/kdkf/kd ds s  
gks l drk gS bl dh rjQ Li'V l dr gA

ok; xkBl dh dk ekuuk gS fd l KkukRed  
fodkl l dfr l s vkrk gS rFk bl ds fy,  
l keftd dkjd egRoikz gA l KkukRed  
fodkl l keftd v%dz; kvka tks tks vKQ  
iKQI hey MoyiesV (Zone of Proximal  
Development) dsfy, fun[kr gsrh gSftl es  
cPps v/s vfHkkod l kFk feydj Kku dk  
l tu djra gA l h[kus dk egRoikz dkjd  
lk; kbj .k gsrk gS D; kdcl lk; kbj .k ea jgrs gq

cPpk l kprk gS ifrdz; k djrk gS v/s l h[krk  
gA bl fodkl ea Hk'kk dh Hkfedk Hk egRoikz  
gA vPNh Hk'kk l KkukRed fodkl dks vPNh  
rjg l s fodl r djrh gA fopkj v/s Hk'kk  
thou ds ikjFkhd fnuka ea vyx gks l drh gS  
fdUrq rhu o'kz ds ckn bl dk foy; gkdj  
ek[kd fopkj r[ kj gksus yxrs gA

ok; xkBl dh ds vuq kj iks+ l KkukRed fodkl  
ds i[ k l d k/ku gks gA iks+ viuh l dfr  
dks cks) d vuqnyu ds }kj k cPpk ea Hkyh  
Hkfr LFkkurfr djrs gA bl dh /kkj .kk, a  
okLrfodrj] Realty, Kku] Knowledge,  
vf/lxe] Learning l dfr l s ifjpr ea ckyuk  
v/s Hk'kk l keftd fdz; k dyki l s tfVy  
ekuf l d fidz; k; a "kq gsrh gA

mnnś; & 3- f'k{k.k & vf/lxe ds {ks= ea gks jgs  
uohu 'k[kd rdudh vk; lea dk v/; ; u&  
f'k{k.k ea ikp i[ k dkUr; k; gA "k[kd n"ku]  
fyf[kr "k[ka dk iz; kx] epz; k dk vkfo'dkj]  
byDVNUDI rdudh rFk dBkj , oa dkey  
mikxe gA f'k{k.k n"ku f'k{k.k v/s thou  
l Ecu/kh fopkj inku djuk egRoikz gA f'k{k.k  
dh fo'k; & oLrj] iB; d[ vuqkl u vkfna  
igys ek[kd f'k{k.k ipfyr Fkh] ckn ea fyf[kr  
"k[ n ipyu ea vk; s v/s f'k{k.k midj .k ea  
bl dk iz; kx gksus yxka epz; k ds vkfo'dkj us  
Li'V v/s nh?kdlyd 0; oLFk dks tle fn; ka  
byDVNUDI rdudh us f'k{k.k ds {ks= ea  
egRoikz dk; Z fd; ka fo"o l epk; dsfy, ?kj

cBs l pUK] vf/kxe l kexh miyC/k gPÅ jfM; k; Vsyhfotu us oS"od : lk l s tkM/æs rFkk euq; dks , dkaoh cukus ea l fdz; Hkfredk fuHkkbÅ dEI; Wj] b&esy] fMftVy ohfM; ks rFkk b.VjuS/ ds vkus ds ckn ij kuh vo/kkj .kkvka ea vk/kfud l UnHkZ ds l kFk u; ki u fn[kk; h n&S yxkA

vkt tks uohu rdudh gS og Hkfo'; ea ij kuh rdudh cu tkrk gÅ fdl h l e; eStd ykyVsu dks ubz rdudh ekuk tkrk Fkk] ijUrq og vkt ubz ugha jg x; h gS ml dk LFkku fdl h vl; rdudh us ysfy; k gÅ or&ku dh ubz rdudh g&eYVh ehfM; k , i kP] i l ZykBTM fl LVe vKQ bULVD"ku] dEI; Wj vfl LVMM bULVD"ku] l VsykbV l Ei sk.k] ekM; Wj mikxe] jfM; ks fotu] b.VjuS/ b&esy] l Hmh&jke] l heyS/M f"K{k.k] vlUr%dz k izkkyh] fl LVe , i kP] vfhkdfcr vups"ku] "kS{k.d njn"ku] VsyhdKIQ&l æ] b.VkuS/ f"K{k.k e"Khu] ohfM; ks VDI vkj ohfM; ks fMLd gÅ

f"K{k.k e"Khu (Teaching Machine)& f"K{k.k e"Khu , d , d h ; ka=d fo|q ; qDr gS tks f"K{k.k idj.k dks iWZ fuf"pr de l s iZrq djrh gÅ bl ea Nk=ka dks iZuka ds mRrj n&S ds volj fn; s tks gÅ vkj ml s rjUr ifriq'B inku dh tkrh gÅ bl ea vf/kdk&k e"Khu dk l pkyu Nk= ds gkFk ea jgrk gÅ ; g dbz idkj dh gsrh gS dkmZ ckMZ l s ydj cgr gh tfVy byDVMMuDI e"Khu ka rd gsrh gÅ

ohfM; ks fMLd (Video Disc)& l Ei sk.k ds {ks= ea ohfM; ks fMLd uohure [kktka ea l s , d gÅ ; g , d cM&fjdkMZ dh Hkkfr gsrk gS rFkk bl ea , d ekLVj Vi dk iz kx fd; k tkrk gÅ bl ij vkokt l fgr rFkk vkokt jfgr n"; Nfo; ka (Visual Images) dks byDVMMud ek/; e ; k vkiVhdyh (Optically) fjdkMZ dh tkrh gÅ bl izkkyh ea vlfM; ks ds nks ekxZ gsrk gÅ vkj , d gYdh idk"K jSkk gsrh gS tks l fpr fo'k; &oLrq dks n"; &J0; ds : lk ea i q#Ri kfnr djrh gÅ ; g ohfM; ks fMLd lys j ij ?k&rh gS l eLr l pUK, i ystj idk"K dh l gk; rk l s Vsyhfotu ij inf"kr gsrh gS vkj l s ogha l s ; s l pUK, i l jyrk l s i < h tk l drh gÅ

ohfM; ks VDI (Video Tax)& ; g l Ei sk.k dh , d uohu fof/k gS tks nij LFk f"K{k.k ds {ks= ea f"K{k.k&vf/kxe dks iHkkfor djrh gÅ bl dk iz kx l pUKvka ds vknu& inku ea fd; k tkrk gS rFkk vkdMka ij vk/kfjr l pUK, i , d= dh tk l drh gÅ

fu'd'k& fu'd'kZ ds : lk ea dg l drs gÅ fd l eps f"K{k.k&izkkyh ea f"K{k.k&vf/kxe ds fodkl gsrq "kS{k.d rdudh dh Hkfredk egROIwKZ gÅ uohu f"K{k.k rdudh us f"K{k.k ds {ks= ea dktUr yk nh gÅ fo"o xkP ds : lk ea inf"kr g&S yxk gS rFkk l pUK ok; q ea l n& fopj.k"Khy gÅ Kku dk foLQkS/ g&k gS vkj fo"o vYi l e; ea Kku dh tkudkjh i klr dj

yrk gA ekuoh; ftKkl k JO; &n"; midj.kka  
ds ek;/ e l s Kku cksk "kkUr djrs gg mRI d  
gks jgk gA l puk, i ifriy rjfxr gks jgh gA  
vksj vuq dkku dk; Zixfr ij gA

eukokkfud fl ) kUrka l s f"kk vkj f"kk.k dh  
tfVyrkva dks de djus dk iz kl gks jgk gs  
rFkk vf/kxe fdl izdkj vf/kdkf/kd gks bl ij

dk; Z gks jgk gA ekuo cf)] food vkj  
0; fDrRo , oa Kku dk fodkl fdl izdkj l s gks  
bl ij cy fn; k tk jgk gA vfhkdf  
vf/kxe us l h[kus ds {ks= ea egroiwkZ dk; Z  
fd; k gA ikydkj Nk=ka vkj f"kk(kdka ds vki l  
ds vlrj dks feVkdj buds chip i hkkoh ckrphr  
vkj i k jnf"kk k ykus dk iz kl fd; k tk jgk gs  
ftl l s l h[kus dh i d fUk dks c<kok fey l dA

### I UnH%

exy] , l 0-d0- o exy] ; 0- 1/2009 1/2 f"kk rduhdh- ubZ fnYyht% i h0, p0vkbD yfuZk i kboV fyfeVMA  
vxoky] t0 l h0 1/2008 1/2 "kk(kd rduhdh vkj izU/k- vkxjk% vxoky i fcyds'kU l A

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fl g] , 0 d0 1/2008 1/2 mPprj l kell; eukfoKku- ubZ fnYyht% ujbZ izdk" k t0] ekshyky cukj l h nkl A  
fl g] , 0 d0 1/2005 1/2 eukfoKku] l ekt"kkL= rFkk f"kk ea "kkk fof/k; k; i Vuk% Hkkjrh Hkou] i fcy"kl Z  
, oa fMLVt; W l A

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