

# j kprof murpay;gz ghL

## khepy ms tpyhd fs Ma;T KbTfs;

### Ma;Tg; gpd;dz p

nyhNahyh fy;Y}hpapd; fhl rpi; j ft ypay; Ji wAk; gz ghL-kffs; nj hl hgFKk; , i z eJ>j kprofk;kwWk;GJi tapd;21-Mk;E}wwhz bd;nj hl ffepi yg;gz ghL-murpay; #oypd;gyNtW ghpkhz qfi sAk;nj hl he;J Ma;T nra;J tUf;pd;wd.

fsMa;TfS fF VJ thd j Uz qfshfj; Nj hj y; #oyfs; tpsq;Ftj hy> 2001 rl ; kdwj; Nj hj y;fi sg; gpd;Gykhff; nfhz ;L> 2000 brkghpy; Ma;Tf;fhd j ahhpGj; nj hl qfpaJ. Nj hj y; \$I ; z pfs;cUthFk;K dNg>2001 [ d thpapy; , U fl ; qfshf el ej K j y;RwWf; fs Ma;T KbTfs;nggUthp 01 mdW ntspapl ggl ; d (2250 Ngh). fl rpfspd; j Pt;puj; Nj hj y; gpurruhuj j pd; , i l Na 26 Vguy; K j y; 02 Nk ti u el ej , uz ; hk;RwWf; fs Ma;T KbTfs;Nk 05 mdW ntspapl ggl ; d (2468 Ngh). Nt l GkD epuhfhpffgggl ; n[ ayy;pi h K j y;tuhd epi yapy; Nk-[ \_d; khj qfspy; , U fl ; qfshf el ej %dwhk; RwWf; fs Ma;T KbTfs; [ \_d; 20 mdW ntspapl ggl ; d (2630 Ngh).

nj hl he;J el ej Mz ;bgl b , i l j Nj hj i ynahl b xU thu , i l ntspapy>2002 nggUthpapy; , U RwWf; fs Ma;Tfs; Nkwnfhssggl ;L (1208 Nghpl k; K j y; RwW> 1105 Nghpl k; , uz ; hk;RwW> 15.02.2002 kwWk; 19.02.2002 Mfpa ehs;fspy; Ma;T KbTfs; ntspapl ggl ; d. mLj j Mz ;L ei l ngww rhj j hd;Fsk; , i l j Nj hj i y K d; i t j ;J nggUthp 2003-, y; fs Ma;T Nkwnfhssggl ;L (1692 Ngh)> Ma;T KbTfs; 13.02.2003 mdW ntspapl ggl ; d.

2004 ehl hS kdwj; Nj hj ypd; gpd;Gy j j py> j kpoehL kwWk; ghz ;brNrhapy; %d;W RwWfs; fs Ma;Tfs; el j j ggl ; d. brkgh; 2003-y; el ej K j y; RwWpy; (4500 Ngh) klbah Ef;T Fwj ; Jk; t;ph;thd ms tpy; j uTfs; Nrfhpffgggl ; d. Ma;T KbTfs; 09.01.2004 mdW ntspapl ggl ; d. murpay; fl rpfspd; j Pt;puj; gpurruhuj j pw;fpi l Na> kffspd; murpay; KbTfspy; j hf;fj ; j VwgLj ; Jk; gz ghL ;L; fhuz pfi sf;fz ; l wpa , uz ; hk;RwW Ma;T Vguy; 2004-y; Nkwnfhssggl ;L (5408 Ngh)> KbTfs; 25.04.04 mdW ntspapl ggl ; d. Nj hj y; KbTfi sAk; mi j j ; nj hl he;J murpay;gz ghL ;L epfo;Tfi sAk; kffs; vggbg; Ghpe;Jnfhs;fpwhh;fs; vdgi j ntsprrj j pw;Ff; nfhz ;Ltu %dwhk;RwWf; fs Ma;T %d;W fl ; qfshf [ \_d; [ \_i yapy; el j j ggl ;L (6546 Ngh)> KbTfs; 21.07.2004 mdW ntspapl ggl ; d.

2005-Mk;Mz ;bd; j i ythapy; epw;Fk; j kprof j j pd; j wNghi j a murpay;gz ghL ;L eNuhl ; j j pd; j pi ri aAk; tpi ri aAk; j hkhdpf;Fk; fhuz pfi sAk; mtwwpd; \$I ;Lr; nrayghl i l Ak; fz pff> rpwgGf; fs Ma;T etkgh; 2004-y; , U fl ; qfshf (3-10 & 26-28) Nkwnfhssggl ; J (tlbNah gj pi tAk; Nrhj ; J 3256 Ngh). Ma;T KbTfi s mbnahwwp khepy ms tpyhd %d;Wehs; fUj j uqfk; (3-5 brkgh; 2004) ei l ngwwJ. j kprof murpay; gz ghL ;Lj ; j sqfspy; rhj ; k j k> fl rpi j pi u Mfpa fhuz pfs;pd; \$I ;Lr; nrayghl i l myrp Muhaj , f; fUj j uqfpy; fs Ma;T KbTfS k; ntspapl ggl ; d.

ehl hS kdwj; Nj hj i yj; nj hl he;J j kprof murpay;py; mLj j Lj ;J el ej gyNtW nrayghLfs;pd; tpi rAk; j hf;fj ; j Ak> mtwwpd; tpi sthfg; gz ghL ;Lj ; j sj j pYk; kffspd; kd;gNghff;pyk; epfoe;J tUk; khwwqfi sAk; gj ;pTnraa Vguy; 27 K j y; Nk 10 ti u khepy ms tpyhd fs Ma;T Nkwnfhssggl ;LssJ.

, Jti uapyhd Ma;Tfspd; gyNtW epi yfspy; E)Wf;Fk; Nkwgl;l gy;Ji w - Fwpgghff; fhI rpi; jfty; Ji w - khz thfs; fsg; gapwrp ngwWssdh; , UgJf;Fk; Nkwgl;l Mrphah;fSk; gapwrpahsh;fSk; j q;fs; V l;l wptf;Fg; gl;l wpthy; nkUNfwwpAssdh; j krog;gz ghl;l-murpay;#oY fNfwg>vz z pay;(quantitative) kwWk; gz gpay;(qualitative) \$Wfi s cssl ffp **Nguh. I hf;l h;uh[ehafk; cUthf;f;Ass r%f-cst pay; mZ FK i w** (social-psychological approach) , e j j ; nj hl h; Ma;Tfspy; gpdgwwggl;lssJ.

Nguh. I hf;l h; r. uh[ehafk;  
& FOtpdh;  
12 Nk 2005

**fs Ma;T KbTfs;**

ehl hSkdwj;Nj hj i yj;nj hl hej Ml rp khwwk;epfoe;J Xuhz;l Mf;pdw epi yapy> j kprof;rl;l kdwj;jpw;fhd Nj hj y; , dDk; Xuhz;l f;Fs; tUk; j Uthapy> j kprof;j pd; j wNghi ja murpay;gz ghl;l eNuhl;l j j pd; j pi ri aAk; tpi ri aAk; j h;khdpf;Fk; fhuz pfi sAk; mtwwpd; \$l;l r; nrayghl;l l Ak; fz pff;Vguy; 27 K j y; Nk 10 ti u khepy mstpyhd fs Ma;T Nkwrfhssgggl;l J. Nguh. I hf;l h; r. uh[ehafj j pd; Neub topfhl;l j ypy> 3167 Ngh; gqNfww , e j Matpy; gj pNdhU Mat;hsh/cj t pahsh;fSk; gj pi de;J khz thfSk; <Lgl;l dh; f&h; j t phj;J mi dj;J kht l;l qfspyk; Ma;T el j j ggl;l J.

khepyk; j Otpa fs Ma;T vdpDk> Nk 14-y; ei l ngwTss , i l j Nj hj i y K d d pl;l> fhQrpGuk; kwWk; Fk;kpbgG+z b rl;l kdwj; nj hFj pfs;py; rpwgGf; ftdk; nrYj j ggl;l J. Nk 5-6 kwWk; 9-10 Mfpa ehs;fspy; , U fl;l qfshf , j ; nj hFj pfs;py; fUj;Jr;Nrfhpffgggl;l J.

**gqNfwNwhh; gpd;d z p**

fsMa;T el j j ggl;l , l qfspy; 54.8 efuk; rhhej i t. gqNfwNwhhpy> Mz fNs kpf mj pfk; (84.4). taJhjl pahf> ngUkghNyhh; (41.3) 31 K j y; 45 ti uapyhd taj pdh; (20 taJ ti u - 2.7> taJ 21 K j y; 30 ti u - 25.6> taJ 46 K j y; 60 ti u - 23.5> gpwh; - taJ 61-fF Nky). rhj phjl pahf> 18.9 j hoj j ggl;l NI hh> 20.6 kpfTk; gpwgLj j ggl;l NI hh> 40.3 gpwgLj j ggl;l NI hh;

kj hjl pahf> ngUkghNyhh; (81.7) , eJ k j j j pdh; (fwp] j th; - 6.2> , ] yhkpah; - 6.4). fy;tpi ag; nghUj j kl by> ngUkghNyhh; (49.7) t FgG 6 K j y; 12 ti u gbj;Jss thfs; (gbf;fhj thfs; - 18.4> t FgG 5 ti u - 17.5> gpwh; - cahfy;t p fwWsnshh).

nj hopyhl pahf> \$yp Nti y nragthfSk; (28.3) nrhej j ; nj hopy; nragthfSk; (28.1) Vwj j hor;rk mstpy;gqNfwWssdh;(j dpahh;epWtdk;- 18.5> nrhej tptrhak;- 9.6> muR Copah; - 3.7> , yyk; - 2.4> khz th; - 2.0> gpwh; - Nti yawNwhh; / NtW Nti yfs). , thfspy; 11.9 VNj Dk; xU nj hopyhl pahd mi kggpy; / r qfj j py; mqfk; t f p f; p d w d h;

fl rpr; rhh; gg; nghUj j mstpy> 60.5 vf; fl rpi aAk; ruhj thfs; (fl rpi cWggpdh;fspy; mj pK f - 13.0> j pK f - 12.8> gh[ f - 2.9> fhq;fpu ] ; - 2.1> rpgpl /vk;- 2.4> ghkf - 1.8> kj pK f - 1.3> gpwh;- kww fl r p f s).

## *j pi u-murpay; Fwjj kf;fs; fz Nz hl ; k;*

### **(1) gpbjj ebfi;**

fUj Jf; fz pggpy; gqNfwNwhhpy; ngUkghd; kapdUf;F VNj Dk; xU ebfi ug; gpbj;JssJ (vej ebfi uAk; gpbf;fhJ - 37.0). *gpbjj ebfi;fs;py; Kjy; gj;J , l qfs;* t p[ afhej; - 14.6> u[ pd pfhej; - 14.4> vk;[ pMh; - 11.9> rpt h[ p - 5.4> fky; - 4.7> t p[ a; - 4.4> m[ pj; - 1.9> t pfuk; - 1.3> ruj; Fkh; - 0.9> fhj j pf; - 0.8.

fl ej etkgh; fz pggpy; %dwhT J , l j j pypUej t p[ afhej; , gNghJ Kj ypl j j py; , UggJk>Fwpggp l ebfi ug; gpbj;JssJ vdNghnuyyhk; mej ebfi U l a urpfh; kd w cWggpd uyy vdgJk; ft dj; Jf;Fhpai t (u[ pdp kd w cWggpdh; - 6.1> t p[ afhej; - 4.7). k pfr; rpwj st pd Nu urpfh; kd wq;fs;py; cWggpd h;fshf , Uej hYk> urpfh; kd wq;fi sj; j i l nrat; j wF Mj uT mj p f kpyi y (j i l nraa vj phgG - 67.0).

### **(2) murpay; ebfi;fs;**

ebfi;fs; murpay; <Lg Lt i j 39.9 kl ;LNk Mj hpf;fpdwdh; j d;Di l a mgpkhd ebfi; vdwhYk> jhd; rhhe;Jss fl rp Ntl ghshf mth; Nghl ;bap l hy; 48.6-ck> vj puz pahf , Uej hy; 24.0-ck; kl ;LNk mtUf;F thf;fs;pf;fj; j ahuhAssdh; mz p vJthapDk; mtUi l a ntwwp epr rakpyi y vdgNj ngUkghd; kf; fUj j hf cssJ (j kJ mz p Ntl ghsh; vdp; ntwwpai l thh; - 36.4> epr rakpyi y - 49.9. vj puz p vdp; ntwwpai l thh; - 15.6> epr rakpyi y - 69.9).

### **(3) t p[ afhej pd; VWK f murpay;**

ebfi;fs; j d pf; fl rp nj hl q;fpdhy> u[ pd pi a t pl , U kl q;Ff;Fk; Nky; t p[ afhe;Jf;F Mj uT ntspggLf pwJ (u[ pdp - 11.6> t p[ afhej; - 24.2). gpw ebfi;fS fFr; nrhyypf; nfhs;S kgbahd Mj uT vJTkpyi y.

t p[ afhej; j d pf; fl rp nj hl q;fpdhy> mJ NgUf;Ff; fl rpahf , Uf;Fk; (39.4)> mJ tYthd fl rpahf cUntLggJ reNj fk; (29.6) Mfpa gj py;fs; K f;fpaj; Jtk; ngwwhYk> j wNghJss fl rpfS fFr; rhpahd khwwhf mJ tpsq;Fk; vdgj w;Fk; fz prkhd Mj uT cssJ (24.3).

t p[ afhej; j d pf; fl rp nj hl q;fpdhy> tUk; rl ; kd wj; Nj hj ypy; mj pK f-Tl d; \$l ;l z p mi kj;Jg; Nghl ;bapLthh; vd w Cfk; Kj di k ngWf pwJ (30.9). (j pK f-Tl d; \$l ;l z p - 13.3> gh[ f-Tl d; \$l ;l z p - 6.1). mi dj;Jj; nj hFj papYk; mth; j dj;Jg; Nghl ;bapLthh; vd C fpgNghh; 18.0 kl ;LNk.

### **(4) Nj agpi waha; u[ pdp murpay;**

*rej puK fp ntspahdi j j; nj hl he;J u[ pd pfhej; klz ;Lk; murpaY f;F tukhl ; hh;* vdgNj ngUkghNyhUi l a fUj j hf cssJ (62.2). mggbNa tej hYk; mtUf;F kf;fS i l a Mj uT , Uf;fhJ vdNghh; 22.7. fz ;bgghf tUthh; vdNghh; - 12.1 kl ;LNk.

u[ pdp murpaY f;F tUtJ Fwjj kf;fs;pd; vj phghhgG Nj ae;J t pl ; hYk> xU ebfi; vd w mstpy; mth; nj hl he;J ebghh; vd w fUj Jf;Fg; Nguhj uT cssJ (59.5). fl ej etkgh; fz pggpy; mth; nj hl he;J ebghh; vdNwhh; 17.6 kl ;LNk.

### **(5) j kpoj; j i ygG;**

j kpoj; j pi uggl qfS f;Fj; j kpoj; j i ygG i t f;fNtz ;Lk; vd w Nfhhpfi f k pfr; rhpahdJ vd 65.1 fUJ fpdwdh; , f; Nfhhpfi f epahakhdj pyi y vdNghh; 27.0.

**(6) j kpoF kffsfjd; C I f Efh;T:**

o toffkhfg;ghhf;FK;nj hi yffhl rp - Kj y; l eJ: rd;- 61.9> J}hj h;\ d;- 8.1> n[ ah - 4.9> Nf-b.tp. - 2.2> rd; epA+] ; - 1.2.

o gpbj j nj h.fh. epforrp; nraj p - 35.6> nj hl hfs; - 19.3> rpdpkh nj hl hghdi t - 18.4.

o toffkhf thrp;FK;j pdrhp - Kj y; l eJ: j pdj j ej p - 53.0> j pdkyh; - 12.3> j pd fud; - 5.0> j pdkz p - 2.7> j ffj ph; - 1.0.

o thrp;FK; thu , j ofs; - Kj y; l eJ: FKj k; - 12.0> FqFkk; - 9.6> Mdej t pfl d; - 9.4> ef;fud; - 5.2> [ \_dpah; t pfl d; - 3.3.

**fl rp murpay; Fwjj kffs; fz Nz hl i k;**

**(7) mj pK f muRf;F Mj uT:**

ehl hS kdwj ; Nj hj Y f;Fg; gpd; mj pK f muR Nkwnfhz i gy el t bfi ffshy; mj pK f mui r kffs;rwW mj pff;fdpNthL ghhf;fj;nj hl qfpAssJ fl ej etkgh;fz pggpy; ntspggl i J. mi j cWj pnrat; j hf , ej f; fz pgG KbTfs; mi ke;Jssd.

fb;tUk; rkbj i j a epfo;Tfshy; rpwj sT Kj y; NgusT ti u mj pK f-Tf;F kffs; Mj uT ngUfpAssJ vdf; fUJNthh; tptuk;

- t lggd; nfhi y - 63.2
- Gj pa t lhz k; j pl i k; nrayghL - 60.5
- rq;fuhr; rhhpahh; i fJ - 62.0
- muR C opaUf;Fj ; j pUkgj ; j Uk; rYi ffs; - 60.8
- fhty; Ji wf;Fr; rpwgGr; rYi ffs; - 61.5
- j pi uj ; Ji wf;F toq;fggLk; Mj uT - 61.6
- Gj pa t lhz k; t phpt hffj ; j pl i k; thg] ; - 60.5

vdpDk> n[ ayyj h j i yi kapyhd muR nj hl h; rYi ffi s mwptj j ; J tUtj d; Nehf;fk; Nj hj i yf; Fwpi tj ; J kffi sj ; j d f;F Mj uthfj ; j pUgGtj wfhfNt vdw fUj J tY thf ntspggLfpwJ (52.8). kffs; kUss cz i kahd mffi wahy; vdw fUj J f;FK; fz prkhd Mj uTssJ (24.8).

xl iL nkj j j j py> mj pK f murpd; j wNghi j a nrayghLfs py; mj pUgj pi a t pl mj pK hfj ; j pUgj p epyTfpwJ (mj pUgj p - 47.3> j pUgj p - 52.7).

tUk; rl i kdwj ; Nj hj y; mwpt pgG ti u n[ ayyj htpd; j wNghi j a mZ FK i w nj hl hej hy> Nj hj y; KbTfs py; , j dhy; nrhyypfnfhs; S kgbahd vej g; ghj pgGk; , Uf;fhJ vdgJ ngUkghd; kf; fUj J (37.6). vdpDk> j pK f-i t t pl mj pf , l qfi s mj pK f ntdW MI rpi aAk; i fggwwf; \$Lk; (33.3)> mj pK f-j pK f fl rpfspi l apy; fLk; Nghl b epyTk> \$l i z pi ag; nghUj ; J KbT mi kAk; (26.4) Mfpai tAk; mOj j khf K di t f;fggl iLssd.

**(8) j pK f-tpd; nrayghLfs;**

mj pK f muR Nkwnfhz i rpy el t bfi ffS f;F kffs; Mj uT , Uggi j g; Nghy> j pK f-tpd; rpy el t bfi ffS f;FK; kffs; Mj uT cssJ. kj j pa murpy; mqfk; t f j ; J f; nfhz iL khepyj j py; vj ph;f;fl rpahfr; nraygLtJ j pK f-tpd; nry; thf;F t shej pUf;f K f;fpaf; fhuz k;

fb;tUk; rkbj i j a epfo;Tfshy; rpwj sT Kj y; NgusT ti u j pK f-Tf;F kffs; Mj uT ngUfpAssJ vdf; fUJNthh; tptuk;

rhi yj ; nj hopyhsh; tpt fhuk;	- 79.6
Nu\ d; fhh;L toqfyp; , Uej FsWgb	- 77.1
j kpo; nrknkhopahf mwptpgG	- 78.6
NrJ rKj j puj ; j pl l k;	- 77.9
n[ ayl Rkp tpt fhuk;	- 74.8
kj j pa murpy; j pK f mi krrhfs;	- 76.9
nj hl h; j pK f khehLfs;	- 77.2

nj hl h; khehLfi s el j ; J t j hy; kffs; Mj uT j pK f-TfF t she;JssJ vdg; ngUkghNyhh; fUj pdhYk> kffS i l a gpurri d fS fFf; fye;JNgrj ; j h;Tfhz gJ , k; khehLfspd;Nehf;fky y vdgJ kpfj ;nj spthf ntspggLfpmJ. t Uk;Nj hj i y Kdi t j ;J> fl rpf;F Mj uTk; eji pAk; j pul ;LtJ (42.3)> ] l hypi d mLj j j i ytuhf epi yepWj ;JtJ (36.8) Mfpai tNa K ffpakhd gj py;fshfg; gj pthfpAssd (kffs; gpurri d fS fFf; j h;Tfhz vdNghh; ntWk;3.4).

xl ;Lnkhj j j j py> j pK f-tpd; j wNghi j a nrayghLfs; j pUgj paspggj hfg; ngUkghNyhh; (68.6) fUj fpdwdh;

**(9) j pK f \$l l z papd; epi yj pnd;**

j kpoj j j py; vj phf; fl rpf; \$l l z papy; Kj di kf; fl rp vd,w mstpy; j pK f-tpd; nrayghl ;Lf;F VNfhgjj j Mj uT vJTk; ntspggl tpyi y. \$l l z pf; fl rpf i s muti z j ;Jr;nry;Yk;ngghWgGss j i yi kahfj ; j pK f nraygLfpmJ (44.3)> kj j pa murpy; j d fFss K ffpaj ;Jt j i j g; gadgLj j p mj pK f mui rr; nraypoffr; Kay;fpmJ (23.4)> fhq;fpu] ;Nkyp l j j py;j d fFss j dpggl l nry;t hff;fhy;gpw \$l l z pf; fl rpf i sj ; j pK f cj hrBk;nraf;fpmJ (18.7) Mfpai t j pK f-tpd; j i yi k Fwj ;Jr;nryygg l ;Lss K ffpaf; fUj ;Jffs;

j pK f \$l l z papd; epi yj pwi dg; ngghUj j mstpy> \$l l z p nj hl Uk; vdNghUk; nj hl uhJ vdNghUk; rk mstpy; (48.5) gphpe;Jsssdh; (fUj ;Ji uf;fhNj hh;- 3.0). fl ej [ \_d; kw;Wk; et kgh; fz pgGFNshL xggpLi fapy> , ej t phpry; mj p fkhfj ; j wNghJ rwWf; Fi we;JssJ GyggLfpmJ. t phpry; VJkpyi y> rl l kdwj ; Nj hj ypYk; , ej f; \$l l z p nj hl Uk; vdNwhh; [ \_dpy;79.3> Mdhy; et kghpy; mt hfs;33.6 Mfr;RUq;f;Assdh; j wNghJ mJ 48.5-Mf cahe;JssJ.

t Uk;Nj hj ypy; j kpi o Kdi t j j %dwhTJ mz pahfj ; j kpo; ghJ fhgG , affk; khWk; thagG mj p fkpUggj hf ehd;fpy; xU gq;Ff;Fk; NkyhNdhh; (26.3) fUj fpdwdh; %dwhTJ mz p mi kggJ fbdkhdhYk; Nj hj ypy; cl dghL i t j ;Jfnfhs;S k; thagGssJ (28.5)> , gngghONj , ej , affj j py; nj ha;T Vwgl ;Lssj hy; Nj hj y; ti u j hf;FggpbggNj fbdk; (28.4) Mfpa gj py;fS k; mOj j khf ntspt e;Jssd.

**(10) kj j pa murpay;**

fhq;fpu] ; j i yi kapyhd kj j pa murpd; Xuhz ;Lr;nrayghLfs;py; kpf;f; fz prkhd j pUgj pepyTfpmJ (74.7). , d;Dk;cUggbahf vJTk;nraaj;nj hl qftpyi y (14.8)> vJTk; cUggbahf el f;Fnkd,w ekgpfi fapyi y (7.6) Mfpa fUj ;Jf;fi s kpr; rpyNu ntspggLfj j pAssdh;

fhq;fpu] ; j i yi kapyhd kj j pa muR mj d; gj tpf; fhyk; K Off elbj ;J> rpwggghfr; nraygLk;vdgJ ngUkghdi kf;fUj ;J (50.9). , Wj pti u elbj j hYk;cUggbahf vJTk; nraa K bahJ (19.3)> fi l rpti u j hf;Fg; gpbggJ fbdk; (29.4) Mfpai t gpw K ffpag; gj py;fs;

Nj rpa mstpy; %dwhTJ mz p mi kf;f Kaw;rp;g;gj hf , l Jrhhpfs; mwptj j pUggj hy> fhq;fpu] ; j i yi kapyhd muRf;F cl dbahd Mgj j pyi y vdgNj

gyUi l a fUj ;J (51.6). vdpDk> tY thd mz p mi kAk; gl rj j py; vej Neuj j pYk; , ej muR ft poyhk; vdgj wFk; XusT Mj uTssJ (17.1). mNj Neuj j py> , ej par; # oypy; tY thd %dwhTJ mz p cUthf K bahJ vdgJk;(24.2) mOj j khf K di t ffggLf pWJ.

ghuj pa [ dj ht pd; mLj j fl i el tbf i ffs py> th[ gha; kwWk; mj ; thd pi a Xuqfl b> ghgh; k# j p uhh; Nfht py; gpurri di a vOggp rpWghd i kapdUfF vj puhd gpur rhuj i j tYggLj ;J tJ (42.6) K j ypl k; ngWf pWJ. fhq; fpu i ] Mj hpfFk; fl rpf i sg; gphj ;J Ml ; rpfF tu Kay; tJ (26.2)> ehl hS kd wj j py; nghWgGs; s vj ph; ffl ; rpahfr; nraygLtJ (13.3)> mbggi l g; gpurri d fsp y; ft dk; nrYj j p k ffs; Mj ui t g; ngUf Ft J (10.2) Mf pai t gpw K f fpa f; fUj ;J ffs;

**(11) j k pof j j py Ue; J k j j pa mi krrhfs;**

kj j pa murpy; mi krrhfs hf , Uggj hy; j pK f-TfF Mj uT t she; JssJ vdW ngUkghNyhh; fUj pdhY k> j k pof j j py Ue; J 12 mi krrhfs; , Uggj hy; j k pof j j pWf vdd gad; vdgJ Fw j ;J xUk j j fUj ;J ntspgg l tpyi y. mej ej mi krrhfs k; fl rpfS k; rkghj pff kl ;LNk cj t pAssJ (25.4)> Gj pa j pl i qfs; mwpt pgG / nrayghL (23.2)> mj pf ms t py; Rdhkp ept huz e j p (20.1) Mf pa gj pyfs; K f fpa j ;J t k; ngWf pd wd.

vk; gp. f fS fF t oqf ggl k; nj hFj p e j pi af; i fahS tJ Fw j ;J k ffs pi l Na kpf mj p fkh d mj pUgj pNa epyTf pWJ (72.3). mggbnahU e j p , UggNj rpyUfFj ;nj hpat pyi y (6.1). mej e j p apy pUe; J j qfs; vk; gp. , J ti u vJTk; nraat pyi y (31.6)> nfhQrk; nj hFj p fFk; mj p fkh d msT t p skgu j j pWfK; nrytopf; f pwhh; (27.5) vdg i t gutyhd fUj ;J ffs;

**(12) mbf;fb mz p khWk; fl rpf;**

Nj hj Y fFj ; Nj hj y; murpay; fl rpf; mz pfi s khw p f; nfh s; ti j rf [ khf vLj ;J f nfh sS k; NghfF t she; JssJ ( , gNghJ - 29.0> et kghpy; - 15.4). n[ apggi j kl ;LNk Nehf; fkhff; nfhz ;Lss mtwWfF nfh s; ffi sg; gwwpa mffi wapyi y (28.4)> mj j i fa fl rpf i sj ; j i l nraa Ntz ;Lk; (23.1)> \$ l i z p f; fl rpf s pd; mZ FK i wfs py; Kuz ghLfs; tUkNghJ mz p khWtJ j t p h; f K bahj j hfp t pL f pWJ (18.3) Mf pai t gpw K f fpa g; gj pyfs;

, gg b mz p khWk; fl rpf i sf; Fw j j cz h; Tf s; ngUkghYk; vj phki wahfNt cssd. Nfhgk; (34.4)> Vkhwwk; (14.8)> t puf j p (13.8)> t Uj j k; (2.3) Mf pa cz h; Tf s; NkNyhqf p epw; f p d wd. fz prkhNdhh; (30.7) , i j f; fz ;Lnfhs; t j pyi y vdj ; nj hpt j ; JssJ > mz p khw wj i j rf [ khf vLj ;J f nfh sS k; Nghf i f cWj pggLj ;J t j hf cssJ.

**(13) mi t mkh;Tfi sg; Gwf;fz p gNgh;**

j qfshy; Nj henj Lf; fgg l i gpuj pe j p f s; (MLA/MP) nj hl he; J rl i kd w / ehl hS kd w mi t mkh;Tfi sg; Gwf;fz pggj wFf; fl ej et kgh; fz pggpy; fLi kahd mj pUgj p ntspgg l i J. Mdhy; j wNgh i j a fz pggpy; (j k pof r; rl i kd w f; \$ l i j nj hl h; rkl j j py; K be; Jss # oypy)> mi t el tbf i ffs py; fye; Jnfhs; ti j mtuth; t pUggj ;J fF t pl ;Ltpl Ntz ;Lk; (28.7)> mi t apy; cUggbahf vJTk; el thj j hy; Nghfhky; , UggNj Nky; (25.7) Mf pai t K f fpa j ;J t k; ngWf pd wd. , ggbr; nragth; ahuhapUe j hYk; gj t p f f k; nra; J kWNj hj y; el j j Ntz ;Lk; (22.0)> mthfNs K d; te; J uh [ pdhkh r; nra; J t pl Ntz ;Lk; (18.7) Mf pai t gpw K f fpa g; gj pyfs;

j d pgg l i eghfs; kUss fhogGz hrrp (35.1)> mi t apy; Nj i taww Nkhj yfi sj ; j t phggJ (30.7)> mi t apy; Nghj pa ghJ fhggpd i k (25.7) Mf pai t mi t mkh;Tfi sg; Gwf;fz pggj w fhd K f fpa f; fhuz qfshf C f p f fggL f p d wd.

**(14) Rdhkp ept huz k; / murpay;**

Rdhkpg;ghj pgGfF Mshd , l qfspy;Nkwnfhssggf l tUk;ept huz / kWtho;Tg; gz pfsHy; mg; gFj p kffspi l Na vf; fl rpfF Mj uT ngUfpAssJ vdw Nfs;t pf;Fj ; j kpoF ms tpy; nghJ thf nts pggLk; fUj ; j pK f - 32.6> mj pK f - 25.6 (kjp - nj hz ;L epWtdqfs; kwWk; gpw fl rpfS). vdpDk> kpfTk; ghj pgGfF Mshfpa fd;d pahFkhp> ehfggl bdk> fl Y}h; Mfpa kht l ; kffspd; fUj ;Jgg b> j pK f-i t t pl mj pK f mj pf Mj ui t g; ngwWssJ.

fd;d pahFkhp: mj pK f - 29.6> j pK f - 28.2  
ehfggl bdk; mj pK f - 29.9> j pK f - 24.1  
fl Y}h; mj pK f - 41.5> j pK f - 38.5

**(15) rl ; kdWj; Nj hj y; vgNghJ?**

j kpoF rl ; ri gi af; fi yj ; MS eh; MI rp mwpt pf;fgg Lk; rhj j pakpyi y (86.1) vdgNj hL>2006-y; j hd; Nj hj y; tUk; vdgJk; ngUkghdi kf; fUj ; (58.0). 2005 , Wj pffS; t uyhk; (20.8)> vJTk; eprrakhfr; nrhyy K bahJ (18.7) Mfpai t gpw vj phghhgGf;fs;

**(16) , dW thf;fs pggj hf , Uej hy;..**

mj pK f-gh[ f \$l ; z p gpsTgl ;Lss j wNghi j aj ; j kpoF murpay; # oypy> , dW thf;fs pggj hf , Uej hy; (vj j i fa \$l ; z p mi kAk; vdgj wF mgghy) kff;fs; ahUf;F cj Nj rkHF thf;fs pff;f; \$Lk; vdw fz pggpy; mj pK f - 30.1> gh[ f - 1.6> j pK f - 46.6> fhq;fpu ] ; - 4.5> rpgpl / rpgpvk; - 2.4> ghkf - 1.9> kj pK f - 1.3> gpwh; -2.5> K bTnraahNj hh; - 9.1.

etkgh; fz pggpy; \$wpaJ NghyNt> kpf mj pf vz z pfi fapy; (20.6) mgNghj pUej K bTnraahNj hh; , gNghJ mj pf ms tpy; mj pK f gffk; rhae;Jss dh; etkghpy; 19.0-Mf , Uej mj pK f thf;F fl ej l eJ khj qfspy; 58.4 t pOf;fhL tshrrp ngwWssJ (j pK f- tpd; tshrrp - 11.75 kl ;LNk). mj pK f-tpd; , ej tshrrp , Nj Nt f j py; Nj hj y; ti u nj hl UK; gl rj j py> j wNghJss j pK f \$l ; z pNa rl ; kdWj; Nj hj ypy; nj hl hej hYk; mej mz p fLk; Nghl bi ar; rej pffNt z bapUf;Fk;

mj pK f-Tl d; vej f; fl rp/fs; mz pNrUk; vd eprrakpyyhj j wNghi j a murpay; # oypy> vej f; \$l ; z p MI rpf;F tuf;\$Lk; vdw fz pggpy;

j pK f-fhq;fpu ] ;ghkf-kj pK f-, l Jrhhpfs; \$l ; z p - 57.8  
j pK f j i yi kapyhd gpw \$l ; z p - 1.7  
mj pK f j i yi kapyhd \$l ; z p - 32.6  
t p[ afhej; nj hl qfgNghFk; fl rp / \$l ; z p - 1.7  
(kjp - NtW \$l ; z pfs; kwWk; gj py;\$whNj hh)

tUk;rl ; kdWj; Nj hj i yj ; nj hl he;J mi kagNghFk; MI rp j pK f myyJ mj pK f j i yi kapyhd \$l ; z p MI rpahfNt mi kAk; vdgJ kpf; ngUkghdi kf; fUj j hf (69.8) gj pthf;AssJ. j dpf; fl rp MI rp vdw tUkNghJ> j pK f-i t t pl , uz l i u kl qF mj pf tY NthL mj pK f tpsq;Ff;pwJ (j pK f j dgj ; MI rp - 6.4> mj pK f j dgj ; MI rp - 16.5). mj ht J>\$l ; z p; fl rpf; sr;rhhe;Jss ti uapy; kl ;LNk j pK f gyKss fl rpahfj; j pfoK bAk; vdgJ gut yhd kff;fs; fUj j hf nts pggLfpwJ.

**(17) , i l j Nj hj y; fsk;**

fhQ;rpGuk; kwWk; Fk;kpb;G+z ;bj ; nj hFj pfs py; , U Rw;Wf;fshf Ma;T Nkwnfhssggf l hYk> vej r;RwwpYk; KOi kahd fUj ;Jg;ghpkhwwj j pwF VJ thd # oy; mi katpyi y. , U nj hFj pfs pYk; Vwj j ho , UgJ t pOf;fhL thf;fhshfs; , d;Dk; K bTnraa , ayhj epi yapy; csshhfs;

fHQrpGuk; nj hFj papy; gphkz h; ahUK; fz pggpy; fye;Jnfhss Kdtutpyi y.  
 fz pggpy; fye;Jnfhz NI hhp; 11.0 thf;fhshfs; ahUf;F thf;F vdgi jj; nj hpt pff  
 kWj ;Jtpl ;l h;fs; fUj i j ntspggLj j pNahhpd; thf;F tpfj k;  
 mj pK f - 28.3  
 j pK f - 59.3  
 t pLj i yr; rpWj i j fs; - 0.2  
 RNal i rfs; - 1.2

FkkpbgG+z ;b nj hFj papy; fz pggpy; fye;Jnfhz NI hhp; 7.2 thf;fhshfs; ahUf;F  
 thf;F vdgi jj; nj hpt pff kWj ;Jtpl ;l h;fs; fUj i j ntspggLj j pNahhpd; thf;F tpfj k;  
 mj pK f - 34.9  
 j pK f - 53.9  
 t pLj i yr; rpWj i j fs; - 0.8  
 RNal i rfs; - 3.2

, U nj hFj pfsYk; KbTnraa , ayhj / KbT vLff; fhj j pUf;Fk; thf;fhshfSk;  
 Nehfhz ypdNghJ ahUf;F thf;F vdgi jj; nj hpt pff kWj j thfSk; thf;Fg; gj pthFk;  
 ehsdW mj pK f gffk; rhat; j wfhd thagG mj pfk hf cssJ.

**(18) mLj j Kj y;th:**

j k pof j j py; mLj j Kj y; tuht j wFj ; j pwi kAk; thagGk; css thfshff; fUj g;  
 gLNt hhp; Kj y; gd pnuz ;L , l qfs py; csNshh;

fUz hej p:	j pwi k - 82.81	thagG - 78.83
n[ ayyj h:	j pwi k - 66.24	thagG - 61.99
] l hypd;	j pwi k - 24.05	thagG - 22.58
t p[ afhej ;	j pwi k - 23.22	thagG - 21.72
uhkj h] ;	j pwi k - 22.90	thagG - 20.80
i tNfh:	j pwi k - 22.02	thagG - 19.79
u[ pd pfhej ;	j pwi k - 20.79	thagG - 19.04
g. rpj kguk;	j pwi k - 20.06	thagG - 18.97
[ p.Nf. thrd;	j pwi k - 19.71	thagG - 18.29
j ahej p khwd;	j pwi k - 19.08	thagG - 18.71
j pUkhtstd;	j pwi k - 18.51	thagG - 17.38
mdGkz p:	j pwi k - 17.56	thagG - 16.13

fl ej etkgh; fz pggpy> j pwi kapy; 9-tJ , l j j py; , Uej t p[ afhej ; , gNghJ 4-  
 tJ , l j j pw;F KdNdwpAsshh; 3-tJ , l j j pypUej i tNfh , gNghJ mej , l j i j  
 ] l hypDf;F t p l ;L t p l ;L 6-tJ , l j j pw;Fr; nrdWsshh; thagi gg; nghUj j mst py>  
 j ahej p khwd; kl ;Lk; rpy Gss pfs; mj pfk; ngwW [ p.Nf. thri d Kej pAsshh;

**(19) kffs; ghhi tapy; n[ ayyj h & fUz hej p:**

j k pof Kj y; tuhf css n[ ayyj h t p d; nrayghLfs py; ntspggLk; mtuJ  
 gz Gfs py; kpf NKNyhq; f p pUggj hff; fz pffggLk; Kj y; l eJ: Jz prry; (51.1)> eph; thfj ;  
 j pwi k (9.1)> gopt hq; Fk; Nghf;F (8.5)> mt ruk; (7.9)> vNj r rhj p fhuk; (5.2).

vj ph; f; fl ; r p f; \$ l ; l z papd; j i y tuhf cs; s fUz hej p p d; nrayghLfs py;  
 ntspggLk; mtuJ gz Gfs py; kpf NKNyhq; f p pUggj hff; fz pffggLk; Kj y; l eJ: eph; thfj ;  
 j pwi k (32.2)> Jz prry; (12.9)> Gj j p rhJ hak; (10.3)> FLk gg; gwW (7.8)> Ngr; rhwwy; (6.4).



## **rhj p & kj k; Fwjj kffs; fz Nz hl j k;**

### **(20) Nj hj ypy; rhj phj pahd fl rpfspd; j hf/fk;**

rhj pa mi kgGf/fS; murpay; fl rpfshf khwwk; ngWtj wF kffs; Mj utpyi y (Mj uT 8.8 kl ;Lk). vdpDk> tutpUf/Fk; rl j kdwj; Nj hj ypy; rhj phj pahd fl rpfspd; j hf/fk; vJTk; , UffhJ myyJ \$l ;Lr; NrUK; fl rpfF mi t , ogi g VwgLj ;Jk; vdW fUj ;J VNFhgj j j hf , yi y (47.3). fz prkhd nj hFj pfs py; ntwwp Nj hy; tpi a ephz apggj hf mtwwpd; j hf/fk; , Uf/Fk; (24.1)> XhpU nj hFj pfs py; kl ;LNk , Uf/Fk; (22.8) Mfpai t K f;fpaf; fUj ;J f;fshf K d; t f;fggLtJ ft d;pf;fj j f;fJ. et kgh; fz pgNghL xggpLi fapy> rhj phj pahd mi kgGf;fspd; K f;fpaj ;Jtk; kffs; ghhi tapy; rw;Wf; Fi we;JSSJ.

### **(21) j dpahh; Ji wapy; , l xJf;fL:**

rhj p mbggi l apy; j dpahh; Ji wapYk; , l xJf;fL nraa Ntz ;Lk; vdW Nfhhpfi ffF Mj ui t tpi , U kl q;Ff;Fk; Nkyhd vj phgG gj pt hfpAssJ (Mj uT - 29.3> vj phgG - 67.5> gj py; \$whNj hh; - 3.2).

### **(22) nj hopy; fy;t;pfF Ei oTj; Nj h;T:**

kUj ;Jtk;/nghwppay;fy;Y}hpfspy; Nru Ei oTj; Nj h;T el j ;Jtj hy; fpuhkgGw/j kpo; t opg; gapdw khz thfS f;F , l k; fpi l f;fhky; Nghf;pwJ vdW fUj ;Jf;F vj phgi g tpi , U kl q;Ff;Fk; Nkyhd Mj uT ntspggLfpwJ (Mj uT - 66.1> vj phgG - 28.1> gj py; \$whNj hh; - 5.8). j dpahh; Ji wapy; , l xJf;fL ;L;F vt;tsT vj phgG cssNj h Vwj j ho mNj mstpw;F Ei oTj; Nj h;T;F;Fk; vj phgG cssJ ft d;pf;fj j f;fJ.

### **(23) ehj j pff; nfhs; fapd; nghUj j k;**

, di war; # oypy; fl Ts; kWgG / ehj j pff; nfhs; f nghUj j khdj hff; fUJNthh; 35.1> nghUj j kwwJ vdNghh; 50.0> j h;khdpff; K bahj epi yapy; , Uggthfs; 14.9.

### **(24) kj j; ji ythfspd; murpay; , i l aL:**

kj j; ji ythf;S; rpyhpd; murpay; , i l aL;fS f;F tYthd vj phgG (71.6) gj pt hfpAssJ (murpay; gwwpg; Ngrhky> eyy kj j; ji ythfshf , Uej hy; kl ;Lk; NghJk; - 49.6> , thfspd; , i l all j hy; rpf;fy;fNs mj pfkhtj hy; , j ;Jl d; murpay; NgRti j epWj ;JtJ eyyJ - 22.0). murpay; , i l aLfi s Mj hpgNghh; 24.4 (ghuhl j ggl Ntz ;ba eyy Kawrp - 11.7> [dehaf ehl ;by; mi dtUf;Fk;ss fUj ;Jr; Rj ej puk; mthfS f;Fk; cssJ - 12.7). (kjj p - fUj ;Ji uffhNj hh).

### **(25) kj hJ pahd mi kgGfS f;Fj; ji l ?**

kj hJ pahd mi kgGfi sj; ji l nrat; j wF Mj uthf 54.1 (kj f; fytufi sj; J}z ;Lk; j Pt pu mi kgGfS f;F kl ;Lk; ji l - 21.6> kj rrrhggw , ej pa ehl ;by; vyyh kj mi kgGfS f;Fk; ji l - 32.5)> ji l nraa vj puhf 42.2 (Rj ej pu ehl ;by; rl j j j pwFl gl ;L , aq;Fk; vej mi kg; gAk; ji l nraaj; Nj i tapy; i y - 23.7> mi kgGfi sj; ji l nrat; j wFg; gj pyhff; fytuj j j j; J}z ;l hky; fl ;LggLj j Ntz ;Lk; - 18.5). gpwh; - NtW gj pyfs;

ft dj j pw;F: kffs; fUj ;Jf;fi sj; nj hpt pff;fg; gadgLj j pAss vz fs; mi dj ;Jk; rj tjj j j f; Fwpp;fpd;wd.

ed wp

Ma;t;pd; gyNtW epi yfspy; gqNfww mi dtUf;Fk;