#### 

1. **Nehf;Ff; $w;W :**

“tho;ehs; fw;wypy; Kjd;ikepiy> gaDWjp> rkj;Jtk; Mfpatw;wpD}lhf Mrpahtpy; Kjd;ikahd jpwe;j> njhiyf; fy;tp epWtdkhfj; jpfOjy;”

1. **J}uNehf;Ff; $w;W :**

“mwpTr; r%fnkhd;wpYs;s rthy;fSf;F Kfk;nfhLf;f jpwe;j J}u fy;tpapD}lhf cah;ju> trjpahd> rk;ge;jg;gl;l fy;tpf;fhd mZFKiwia Nkk;gLj;jYk; tho;ehs; fw;wy; tha;g;Gf;fis cWjpg;gLj;jYk;”

1. **Jiz Nte;jhpd; kPsha;T :**

**(m) cs;slf;fk;**

,yq;if jpwe;j gy;fiyf;fofkhdJ> 1978 Mk; Mz;bd; gy;fiyf;fofq;fs; rl;l ,y. 16 ,d; gphpT 23 (1) > gphpT 18 ,d; fPOk; mjd;gpd;dh; 1983 Mk; Mz;bd; ,yq;if jpwe;j gy;fiyf;fof fl;lisr; rl;lq;fs; ,y. 01> 1996 Mk; Mz;bd; ,y. 12 vd jpUj;jpaikf;fg;gl;l 1980 Mk; Mz;bd; ,yq;if jpwe;j gy;fiyf;fof fl;lisr;rl;l ,y. 03 ,d; fPOk; xNunahU jpwe;j J}u fw;wy; (jp.J}.f) gy;fiyf;fofkhf 1980 [\_d; 19 Me; jpfjp jhgpf;fg;gl;lJ.‘cah; fy;tpf;fhd mZFKiwapD}lhf tho;ehs; tha;g;Gf;fis Nkk;gLj;Jtjw;fhd xt;nthU gpuirapdJk; tho;ehs; fy;tpapidAk; chpikiaAk; cWjpg;gLj;jy;’ ,k; Kd;ndLg;gpd; ,Wjp Nehf;fq;fspy; xd;whFk;.

jpwe;j gy;fiyf;fofkhdJ> ,yq;ifapYs;s Vida Njrpa gy;fiyf;fofj;ijg; Nghd;W xNukhjphpahd rl;l> epWtd> fy;tprhh; me;j];jpid mDgtpj;JtUk; gjpide;J Njrpa gy;fiyf;fofq;fspy; xd;whFk;;. vdpDk;> taJ> Kd;jifikfs;> tUkhdk;> Gtpapay; kw;Wk; Ntiytha;g;Gj; jilfisf; fUj;jpw;nfhs;shky; cah; fy;tpf;fhd tha;g;Gf;fis tphpTgLj;Jk; nghUl;L jpwe;j J}u fw;wy; (jp.J}.f) jj;Jtj;ij mbg;gilahff; nfhz;L ,J Vida Njrpa gy;fiyf;fofq;fspypUe;J NtWgLfpd;wJ. gpd;tUk; ml;ltiz 1980 [\_d; khjj;jpypUe;J Nte;jh;fs;> Jiz Nte;jh;fspd; gjtp top kugpid RUf;fkhff; fhl;Lfpd;wJ.

***ml;ltiz -1 Nte;ju;fs; kw;Wk; JizNte;ju;fspd; mYtyfk;***

|  |  |  |  |
| --- | --- | --- | --- |
| **fhyk;** | **Nte;ju;** | **JizNte;ju;** | **fhyg;gFjp** |
|  |  |  |  |
| 1 | fyhepjp. fhkdp nfhuah | Nguhrpupau; gp.b. Fzj;jpyf;f | 1980 A+iy-1985 |
|  |  |  |  |
| 2 | fyhepjp. fhkdp nfhuah | Nguhrpupau; b.v];. tpN[Nrfu | 1985 jpnrk;gu; |
|  |  |  |  |
| 3 | fyhepjp. fhkdp nfhuah | Nguhrpupau; b.v];. tpN[Nrfu | 1988 jpnrk;gu; |
|  |  |  |  |
| 4 | fyhepjp. fhkdp nfhuah | Nguhrpupau; b.v];. tpN[Nrfu | 1991 jpnrk;gu; |
|  |  |  |  |
| 5 | fyhepjp. fhkdp nfhuah | Nguhrpupau; vd;.Mu;. mj;jdhaf;f | 1994 jpnrk;gu; |
|  |  |  |  |
| 6 | fyhepjp. fhkdp nfhuah | Nguhrpupau; vd;.Mu;. mj;jdhaf;f | 1997 jpnrk;gu; |
|  |  |  |  |
| 7 | fyhepjp. fhkdp nfhuah | Nguhrpupau; ckh Fkhurhkp | 2001 rdtup |
|  |  |  |  |
| 8 | fyhepjp. fhkdp nfhuah fyhepjp. Vvd;v];. Fyrpq;Nf (2005 A+iyapypUe;J) | Nguhrpupau; ckh Fkhurhkp | 2004 khu;r; |
| 9 | jpU v];.V.vk;.tpN[rpq;f | Nguhrpupau; ee;jpdp b rpy;th | 2006Nk – 2009Nk |
| 10 | jpU v];.V.vk;.tpN[rpq;f | Nguhrpupau; cghyp tpjhdgj;jpud | 2009A+d;- 2012A+d; |
| 11 | jpU v];.V.vk;.tpN[rpq;f | fyhepjp. tp[pjhf ehdaf;fhu | 2012A+d; -,d;Wtiu |

fw;wy; r%fj;jpd; Njitfis epiwNtw;wf;$ba 63 fw;if epfo;r;rpj; jpl;lq;fis toq;ff;$ba fy;tp> nghwpapay; njhopy;El;gk;> khDltpaYk; r%f tpQ;QhdKk;> ,aw;if tpQ;Qhdk; Mfpa ehd;F gPlq;fs;> 19 fy;tprhh; jpizf;fsq;fs;> xU (01) fy;tprhh; myF vd;gdtw;iw jpwe;j gy;fiyf;fofk; nfhz;Ls;sJ. ,Jjtpu> nkhopfs;> fzpdp kw;Wk; jfty; njhopy;El;gq;fspYs;s jpwd;fspy; gq;fspg;Gr; nra;tjw;fhf>Muk;g jkpo;> rpq;fs> nfhhpa> ,j;jhypa nkhopf; fw;ifnewpfs; kw;Wk; gy fzpdp tpopg;Gzh;T> ,iza tiyaikg;G fw;ifnewpfs; Nghd;w gy FWfpa fw;ifnewpfisAk; gy;fiyf;fofk; toq;fptUfpd;wJ. jj;Jt KJkhdp> fyhepjp fw;ifnewpfs; kw;Wk; Rkhh; 20 FWfpa fw;ifnewpfSf;F Nkyjpfkhf 19 rhd;wpjo; fw;ifnewpfs;> 07 bg;Nshkh fw;ifnewpfs;> 13 ,skhdp fw;ifnewpfs;> 09 gl;lg;gpd;gbg;G bg;Nshkh fw;ifnewpfs;>11 KJkhdpg; gl;l fw;ifnewpfs; vd;gd ,t;; 63 fy;tprhh; Ntiyj;jpl;lq;fspy; cs;slq;Fk;.

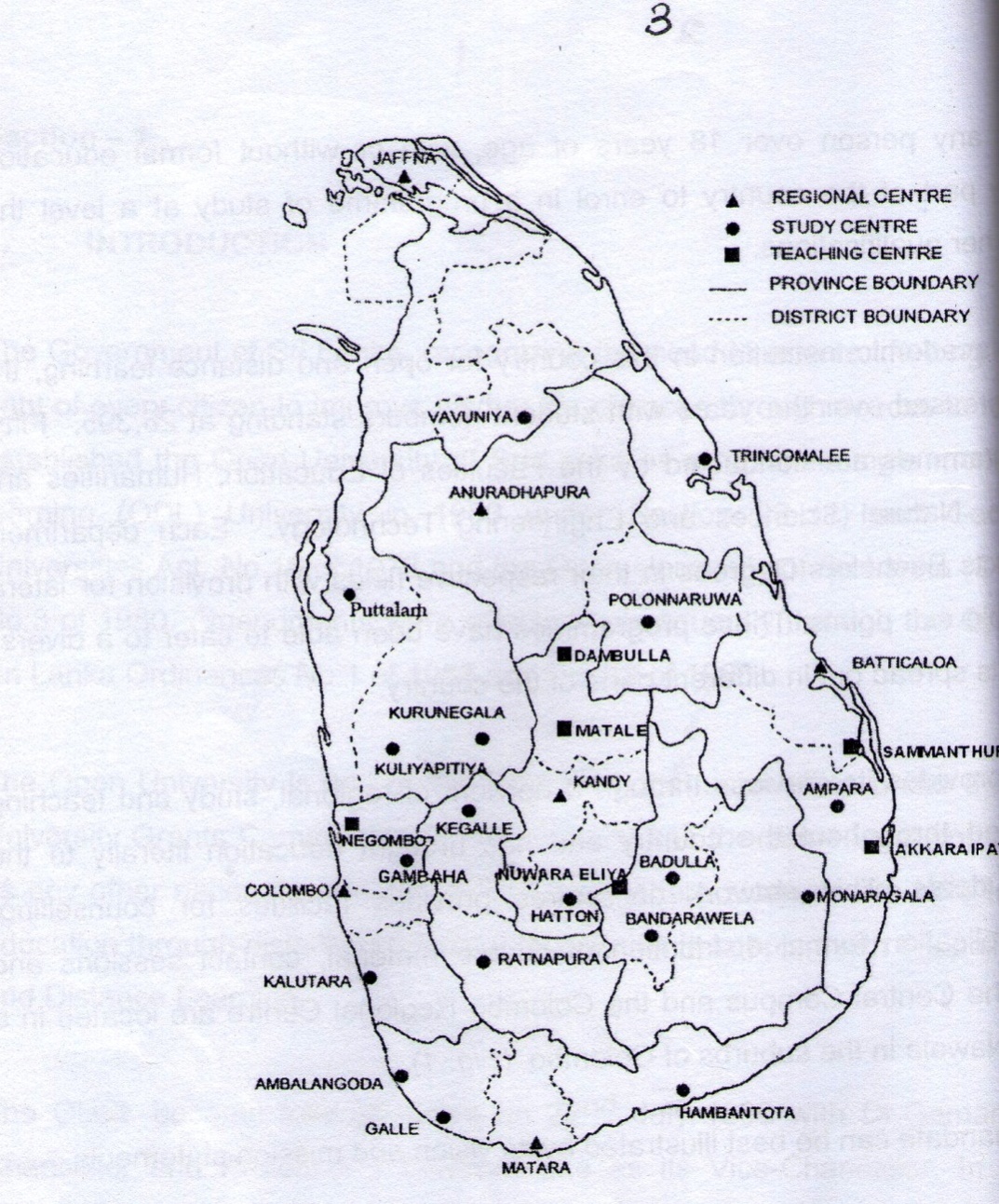
,yq;if jpwe;j gy;fiyf;fofkhdJ> gzpGhpAk; taJte;Njhh;> ghuk;ghpa gy;fiyf;fofq;fspy; Eiotjw;fhd tha;g;Gf;fs; kWf;fg;gl;lth;fs; MfpNahh;fSf;F khw;Wtopfis toq;Ftjd; %yk; cah; fy;tpj; Jiwf;fhd flg;Gf;fisAk;$l Vw;gLj;jpAs;sJ. ,yq;if jpwe;j gy;fiyf;fofj;jpy; ,ize;Jnfhs;tjw;fhd nfhs;if gpd;tUNthh; jhk; tpUk;gpa Jiwfspy; %d;whk; kl;l fy;tpapidg; ngw;Wf;nfhs;sj; J}z;Lfpd;wJ.

* epjpf; fhuzpfs;> FLk;g mh;g;gzpg;Gf;fs;> Nghl;bj; jd;ikAs;s Gs;spfis mile;Jnfhs;s Kbahik fhuzkhf ghuk;ghpa gy;fiyf;fofq;fSf;F mDkjpiag; ngw Kbahj cah; juj;ij Kbj;Jf;nfhz;lth;fs;>
* njhlh;e;Jnjhopy;rhh; mgptpUj;jpia Nkw;nfhs;s tpUk;Gk; gzpahw;Wk; kf;fs;>
* Vida fhuzq;fSf;fhf mwpitj; NjLfpd;wth;fs;.

gy;fiyf;fofk; tUlk; KOtJk; fy;tpr; nraw;ghl;bw;fhf jpwe;jpUg;gjdhy; njhopy;tha;g;gpypUg;gth;fSf;F fth;r;rpahdNjhh; njhpthf ,Ug;gJld; Rkhh; 80% khzth;fs; njhlh;e;J Mjhaj;Jld;$ba njhopypidg; ngw;WtUfpd;wdh;. Njrpa mgptpUj;jpf;F gq;fspg;Gr; nra;af;$ba nghWg;G tha;e;j gpuirfshf khWtjw;fhf jq;fsJ fy;tpia Nkk;gLj;jTk; jq;fsJ fy;tprhh; kw;Wk; njhopy; Nkk;ghl;L ,yf;Ffis mile;Jnfhs;sTk; tha;g;nghd;W mth;fSf;F toq;fg;gLfpd;wJ.

ehl;bd; ntt;NtW ghfq;fspYs;s gpuhe;jpa (06)> fw;if (19)> fw;gpj;jy; (06) epiyaq;fisf;nfhz;l tiyaikg;nghd;wpD}lhf gy;fiyf;fofk; jdJ Nritfis toq;fptUk; mNjNtis khzth;fspd; fhybf;Nf fy;tpia Neubahff; nfhz;Lnry;fpd;wJ. MNyhrid toq;Fjy;> tpz;zg;gg;gbtq;fis Nrfhpj;jy;> khzth;fis cs;thq;Fjy;> fw;ifnewpg; nghUl;fis tpepNahfpj;jy;> ehshe;j tFg;Gf;fs;> ghPl;irfs; cs;spl;l njhlh;G mkh;Tfis Kfhikj;Jtk;nra;jy; Mfpatw;Wf;fhd trjpfis ,e;epiyaq;fspd; tiyaikg;G toq;fptUfpd;wJ. nfhOk;G gpuhe;jpa epiyak; cs;spl;l kj;jpa tshfkhdJ nfhOk;G Gwefh;g; gFjpapYs;s ehtyapy; 33 Vf;fh; fhzpapNy mike;Js;sJ(cU 1).

**cU 1 gpuhe;jpa miktplk;> fw;if kw;Wk; fw;gpj;jy; epiyaq;fs;**



jpwe;j gy;fiyf;fofj;jpd; (cU 2) epWtdhPjpahd fl;likg;ghdJ>ODL gy;fiyf;fofq;fSf;Fhpa jdpr;rpwg;gpay;ghd gzpg;ghsh;fs;/ gpuhe;jpa fy;tpr; Nritfs;> fy;tprhh;njhopy;El;gKk; ClfKk; kw;Wk; nraw;ghLfSf;fhd epiyak;> Nghd;w Nkyjpf gjtpfs; jtpu kpfTNk ghuk;ghpa gy;fiyf;fofq;fis xj;Nj fhzg;gLfpd;wJ. Nte;jh; gjtp nfsutkhdjhf ,Uf;Fk; mNjNtis> Jiz Nte;jh; gpujhd epiwNtw;W mjpfhhpahthh;. nghJ epUthfk;> gjpTfisf; ftdpj;jy;> gy;fiyf;fofj;jpd; nrhj;J Mfpatw;Wf;F gjpthsh; nghWg;ghf ,Ug;ghh;. gPlq;fspd; gPlhjpgjpfs;> gzpg;ghsh;/ fy;tprhh; njhopy;El;gKk; Clfj;jpw;Fkhd epiyak;> gzpg;ghsh;/ gpuhe;jpa fy;tpr; Nritfs;> E}yfh;> nghUshsh; MfpNahh; gy;fiyf;fofj;jpd; Vida mjpfhhpfshth;.

**JizNte;ju;**

**gpujpj; JizNte;ju;**

**gjpthsu;**

**fhrhsu;**

**E}yfu;**

**gPl jpzf;fsj; jiytu;fs**;

**tpLjp Nkw;ghu; itahsu;**

**rPv];rP**

**cg tpLjp Nkw;ghu**;**it**

**v];rP**

**v];VMu;**

**VMu;**

**gpujpg; gjpthsu;**

**kUj;Jt cj;jpNahfj;ju;**

**Ntiy nghwpapayhsu**;;

**mr;rfk;**

**v];VMu;**

**VMu;**

**rPv];X**

**gpujpf; fhrhsu**;

**v];VMu;**

**VgPv];**

**gzpg;ghsu;/ fy;tp njhopy; El;gk;**

**gzpg;ghsu/Mq;fpyg;gl;lg; gpd;gbg;G epWtdk;**

**gzpg;ghsu;/ gpuhe;jpa fy;tpr; Nrit**

**rpNu];l cjyp Eyfu**;

**cjyp Eyfu**;

**Vbv];**

**Mu;Xv];**

**gzpg;ghsu;/ cj;jpNahfj;ju; mgptpUj;jp**

**gzpg;ghsu;/ IuP**

**gpujpg; gzpg;ghsu;/ nraw;gh Lfs;**

**VMu;**

**v];VMu;**

**V/V**

**gpv];**

**Gs;sptpgu cj;jpNahfj;ju;**

**CSC – gpujk khzt MNyhrfu;r SAR – rpNu];l vjtp gjpthsu; SAB – rpNu];l cjtp fhrhsu; AD – cjtp; gzpg;ghsu; AIA – cjtp cs;sff; fzf;fha;thus;**

**SC – khzt MNyhrfu;r AR – cjtp gjpthsu;; AB – cjyp gjpthsu;r RO – gpuhe;jpa cj;jpNahfj;ju; PS – Mszpg; ghJfhg;g**

**CSO – gpujk ghJfhg;G cj;jpnahfj;ju;**

**rig**

**gPlq;fspd; gPlhjpgjpfs;**

**\*fy;tp**

**\*nghwpapay; njhopy;El;gk;**

**\*khdpltpay; & r%f tpQ;**

**\*,aw;if tpQ;Qhdk;**

**gzpg;ghsu; nghJ;j njhlu;G**

**gzpg;ghsu;/ nraw;gh Lfs;**

**rpNu];l Kfhikj;Jtf; FOthy; mq;fPfupf;fg;gl;lJ**

**nrdw;**

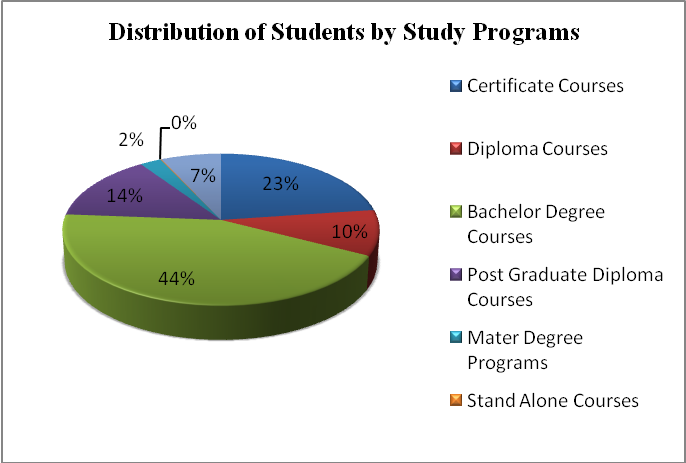
**jhgdf; fl;likg;G- ,yq;if jpwe;j gy;fiyf;fofk**;

**(M) va;jy;fs;**

* $l;Lj;jpl;lj;jpd; Kd;Ndw;wk; Nguitf;Fk; %jitf;Fk; mwpf;if rkh;g;gpf;fg;gl;Ls;sJ. $l;Lj;jpl;lk; vd;gJ> mile;j Kd;Ndw;wk; / Jz;LtpOk; njhiffs;> tPo;r;rpf;fhd xOq;fikg;Gf;fs; vd;gd fye;jhNyhrpf;fg;gl;L jPh;khdpf;fg;gLfpd;w gPlq;fspd; rigfs;> %jit> Nguit Mfpatw;wpd; epfo;r;rpepuyhFk;. HETC fUj;jpl;l nraw;ghLfSk;$l Nguitf;Fk; %jitf;Fk; mwpf;ifaplg;gl;Ls;sd.
* 17>286 Gjpa gjpTfs; cl;gl 2013 Mk; Mz;L midj;J fw;if epfo;r;rpfspYk; gjpTnra;ag;gl;l nkhj;j khzth; vz;zpf;if 38>294 MFk;. mj;NjhL>kPsg; gjpTnra;jth;fspd; vz;zpf;if 21>008 MFk;. gPlq;fspy; fhzg;gLk; khzth; breakdown gpd;tUkhW:

*ml;ltiz 2 – 2013 k; Mz;Lf;fhd khzt gjpTfs;*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| fy;tpg; gPlk; | **fw;if epfo;r;rp** | **Gjpjhf gjpag;gl;litfspd; vz;.** | **kPsg; gjpag;gl;litfspd; vz;.** | **nkhj;jk;** |
| rhd;wpjo; epfo;r;rp | 797 | 1110 | 1907 |
| bg;Nshkh epfo;r;rp | 407 | 373 | 780 |
| ,skhdp gl;l epfo;r;rp | 108 | 55 | 163 |
| gl;lg; gpd;gbg;G bg;Nshkh epfo;r;rp | 2346 | 3017 | 5363 |
| KJkhdp gl;l epfo;r;rp | 190 | 263 | 453 |
| nghwpapay;;; njhopy;El;g gPlk; | mbg;gil epfo;r;rp | 1496 | 338 | 1834 |
| rhd;wpjo; epfo;r;rp | 128 | 15 | 143 |
| bg;Nshkh epfo;r;rp | 827 | 1688 | 2515 |
| ,skhdp gl;l epfo;r;rp | 700 | 1393 | 2093 |
| gl;lg; gpd;gbg;G bg;Nshkh epfo;r;rp | 19 | 39 | 58 |
| KJkhdp gl;l epfo;r;rp | 03 | 24 | 27 |
| Stand Alone Courses | - | 04 | 04 |
| khDltpay; kw;Wk; r%f tpQ;Qhd gPlk; | rhd;wpjo; epfo;r;rp | 4600 | 1845 | 6445 |
| bg;Nshkh epfo;r;rp | 121 | 246 | 367 |
| ,skhdp gl;l epfo;r;rp | 2452 | 5261 | 7713 |
| gl;lg; gpd;gbg;G bg;Nshkh epfo;r;rp | - | 25 | 25 |
| KJkhdp gl;l epfo;r;rp | 124 | 233 | 357 |
| ,aw;if tpQ;Qhd gPlk; | mbg;gil epfo;r;rp | 618 | 215 | 833 |
| rhd;wpjo; epfo;r;rp | 126 | 134 | 260 |
| bg;Nshkh epfo;r;rp | 05 | 51 | 56 |
| ,skhdp gl;l epfo;r;rp | 2203 | 4567 | 6770 |
| gl;lg; gpd;gbg;G bg;Nshkh epfo;r;rp | - | 20 | 20 |
| KJkhdp gl;l epfo;r;rp | 13 | 90 | 103 |
| Stand Alone Courses | 03 | - | 03 |
| **nkhj;jk;** | **17286** | **21008** | **38294** |



* gy;fiyf;fofj;jpd; fy;tpr; Nritfs; (g.f.Nr) Neubahf Jiz Nte;jhpd; fPo; cs;sd. gpujpg; gzpg;ghsh;fs; njhpTnra;ag;gl;l gpuhe;jpa> fw;if epiyaq;fSf;F Ml;;Nrh;g;Gr; nra;ag;gl;ldh;.
* ,yq;if jpwe;j gy;fiyf;fof epfo;r;rpj;jpl;lq;fSf;F nghJthd tpz;zg;gg;gbtk; gad;gLj;jg;gLtJld; ,izaj;js tpz;zg;g trjpAk; mKy;gLj;jg;gl;lJ.
* tlf;F kw;Wk; Cth khfhzq;fis cs;slf;fpajhf fw;if epiyaq;fSf;Fg; nghUj;jkhd fhzpj;Jz;Lfis Fspahg;gpl;b> gJis Mfpa ,lq;fspy; fz;lwpa Vw;fdNt eltbf;if vLf;fg;gl;Ls;sJ.
* ,yq;if jpwe;j gy;fiyf;fofj;jpd; rpd;dj;ij Nkk;gLj;Jk; gzp njhlh;e;J Nkw;nfhs;sg;gl;LtUfpd;wJ.

**fy;tpr;nraw;ghl;Lr; nrayhw;Wif**

fy;tp> nghwpapay; njhopy;El;gk;> khDltpaYk; r%f tpQ;QhdKk;> ,aw;if tpQ;Qhdk; Mfpa ehd;F gPlq;fSk; ,skhdpg; gl;l epfo;r;rpfs;> gl;lg;gpd;gbg;G bg;Nshkhf;fs;> KJkhdpg;gl;l epfo;r;rpfs;> bg;Nshkhf;fs;> cah; rhd;wpjo;fs;> rhd;wpjo; fw;if epfo;;;;r;rpfs; (ml;ltiz 03) Mfpatw;iw toq;fp tUfpd;wd. ghuk;ghpa epfo;r;rpj;jpl;lq;fNshL njhopy;gapw;rp> njhopy;rhh;> nghJ tpopg;Gzh;T epfo;r;rpj;jpl;lq;fisAk;$l gy;fiyf;fofk; toq;fptUfpd;wJ. fw;wy; Xh; tho;ehs; njhopy;Kaw;rp vd;w r%fj;jpd; khwptUk; Njitfis <Lnra;Ak; tifapy; ,J Fwpg;gplj;jf;fsT gq;fspg;Gr;nra;Js;sJ.

*ml;ltiz 3 – RUf;fk; - fw;if epfo;r;rpfs;*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk; /epiyak;** | Stand alone/  Short Courses | rhd;wpjo; | bg;Nshkh | ,skhdp | gl;lg; gpd;gbg;G bg;Nshkh | KJkhdp | ,izaj;jpy; fw;iffs; | nkhj;jk; |
| fy;tp | 06 | 02 | 01 | 02 | 02 | 03 | 01 | 17 |
| nghwpapay;; njhopy;El;gk; | 03 | 03 | 02 | 03 | 03 | 03 | 73 | 90 |
| khDltpay; kw;Wk; r%f tpQ;Qhdk; | 06 | 11 | 03 | 05 | 03 | 04 | 15 | 47 |
| ,aw;if tpQ;Qhdk; | 01 | 08 | 03 | 05 | 01 | 02 | 37 | 57 |
| **PGIE** | 02 | - |  |  | 01 | 01 | - | 04 |
| **CETMe** | 04 | - | 01 |  |  |  | 02 | 07 |
| **ES Unit** | - | - |  |  |  |  | 04 | 04 |
| **nkhj;jk;** | 19 | 24 | 10 | 15 | 10 | 13 | 132 | 226 |

PGIE = Postgraduate Institute of English, CETMe = Center for Educational Technology and Media, ES = Environmental Studies Unit

ghltpjhdKk; fw;if mgptpUj;jpAk;> fw;gpj;jy;/ fw;wy;> khzth;fSf;fhd MjuT> gPlj;jpw;fhd MjuT> kjpg;gPLk; fzpg;gPLk; Nghd;w ODL ,d; midj;J tplaq;fspYk; juj;jpid Nkk;gLj;Jk; njhlh;r;rpahd eilKiwf;F jpwe;j gy;fiyf;fofk; mh;g;gzpj;J tUfpd;wJ.

2013 Mk; Mz;L> vkJ gpujhd E}yfk; jdJ ngUk;ghyhd nghUl;fis ,izaj;js tsq;fshf khw;Wtjpy; Fwpg;gplj;jf;f Kd;Ndw;wj;ij mile;Js;sJ.

tUlhe;j gl;lkspg;G tpoh 2013 Vg;uy; khjk; g.Qh.r.kh.k.,y; eilngw;wJ. ,g;gl;lkspg;G tpohtpNy> 2093 fy;tp gl;lg;gpd;gbg;G bg;Nshkh> 03 J}uf; fy;tp gl;lg;gpd;gbg;G bg;Nshkh> 68 tpN\l Njit fy;tp gl;lg;gpd;gbg;G bg;Nshkh> 25 Mrphpah; fy;tp (rh;tNjr) fiyKJkhdpg; gl;lq;fs;> 11 Mrphpah; fy;tp fiy KJkhdpg; gl;lq;fs;> 04 fy;tp KJkhdpg; gl;lq;fs; Mfpatw;iw fy;tpg;gPlk; toq;fpitj;jJ.

,yq;if jpwe;j gy;fiyf;fofj;jpd; ghprspg;G itgtq;fs; 2013 Mk; Mz;L jdJ gpuhe;jpa> fy;tp epiyaq;fspy; eilngw;wd.

**tpUJfs;**

Njrpa tpUJ –‘fz;zPNuhNl jphpAk; tPjp’ vd;w kpfr; rpwe;j jkpo; rpWfijj; njhFg;Gf;fhd mur ,yf;fpa tpUjpid jpU. hP. KFe;jd; ngw;Wf;nfhz;lhh;.

**gphpTfisj; jhgpj;jy**;

2013 Mk; Mz;L ,uz;L gphpTs; jhgpf;fg;gl;ld. mitahtd: rh;tNjr fy;tprhh; njhlh;Gg; gphpT> Muha;r;rpg; gphpT vd;gdthFk;.

**rh;tNjr> Njrpa njhlh;Gfs;**

,yq;ifapy; jpwe;j J}u fw;wy; tha;g;Gf;fis Nkk;gLj;Jk; nghUl;L> ,yq;if jpwe;j gy;fiyf;fofkhdJ> gy rh;tNjr> Njrpa epWtdq;fSld; Ghpe;Jzh;T xg;ge;jq;fspy; ifr;rhj;jpl;lJ.

,isQh; tptfhu jpwd; mgptpUj;jp mikr;rpdhy; nraw;gLj;jg;gLk; ,yq;if murhq;fj;jpw;fhd Njrpa ,isQh; nfhs;ifia tFg;gjpy; ,g;gy;fiyf;fofk; RWRWg;Gld; gq;Fgw;wptUfpd;wJ. xd;gJ khfhzq;fspNyAk; tpN\lkhf> NkhjYf;Fg;gpd;duhd ey;ypzf;f> kdpj mgptpUj;jpia Nkw;nfhs;Sk; ,r;re;jh;g;gj;jpy; ,isQh;fis tYT+l;Ltjw;fhd jilfis ,dq;fz;L rPuhf;Ftjw;fhd nghJf; nfhs;iff; fl;likg;Ng ,JthFk;.

fy;tpg; gPlkhdJ> jfty; njhlh;ghly; njhopy;El;gj;ijAk; (j.njh.njh.) jpwe;j fy;tp tsq;fisAk; (jp.f.t) Mrphpah; fy;tp Ntiyj;jpl;lkhf xUq;fpizj;jy; njhlh;ghd Gj;jhf;f fUj;jpl;lnkhd;iw fdlh fw;wy; nghJeythaj;Jld; ,ize;J 2013 Mk; Mz;L Muk;gpj;Jitj;jJ. mT];jpNuypa rhh;s;]; ];Nuh;l; gy;fiyf;fofj;jpd; Nguhrphpah; n]hk; ehAL mth;fspd; cjtpAld; Mw;wiyf; fl;bnaOg;Gk; ,uz;L nraykh;Tfs; midj;J fy;tprhh; cWg;gpdh;fSf;fhfTk; elhj;jg;gl;ld.

fy;tpj;njhopy;El;g kw;Wk; Clfg; gphpthdJ> vkJ fw;gpj;jy; nghUl;fis Neub ,izaj;js tbtpy; khw;WtjpYk; vkJ mYtyh;fSf;F khj;jpukpd;wp KO gy;fiyf;fof Kiwikf;fhfTk; Neub ,izaj;js fw;ifnewpg; nghUl;fis tpUj;jpnra;jy; njhlh;ghd nraykh;TfisAk; gapw;rpj;jpl;lq;fisAk; xOq;fikg;gjpNyAk; gpuj;jpNafkhd gq;fspg;nghd;wpidr; nra;JtUfpd;wJ.

2013 Mk; Mz;L> CETMe 08 Neub ,izaj;js fw;ifnewp tbtikg;igAk; fw;ifnewpiaj; jahhpf;Fk; nraykh;TfisAk; Njrpa kl;lj;jpYk; 02 rh;tNjr nraykh;TfisAk; xOq;Fnra;jpUe;jJ. CETMe 2013 Mk; Mz;L> 32 Neub ,izaj;js fw;ifnewp mgptpUj;jpia ntw;wpfukhf G+h;j;jpnra;jpUe;jJ. jpiug;gl kw;Wk; njhiyf;fhl;rpiaj; jahhpj;jy;> jpiuf;fij vOJjy;> fkuhTf;fhd myq;fhuk; Nghd;wd gw;wpa FWfpa fw;ifnewpfisAk; bg;Nshkh fw;ifnewpfisAk; toq;f jw;NghJ jpl;lkpl;LtUfpd;wJ.

,yq;if jpwe;j gy;fiyf;fofj;jpd; gpujhd tshfk;> gpuhe;jpa kw;Wk; fw;if epiyaq;fspd; cl;fl;likg;G juKah;j;jg;gl;Ls;sJ. CRC fl;blk; 2013 Mk; Mz;bd; gpw;gFjpapy; itgthPjpahf jpwe;Jitf;fg;gl;lJ.

**(,) jtWfSk; jPu;g;GfSk;**

2012 Mk; Mz;Lld; xg;gpLifapy;> 2013 Mk; Mz;L gjpTnra;ag;gl;l khzth;fspd; nkhj;j vz;zpf;ifapy; ngUksT Nkk;ghL fhzg;glhjNghjpYk; $l> tpN\lkhf fy;tprhuh kw;Wk; fy;tprhh; gzpg; Gwf;fzpg;Gf;fspdhy; Rkhh; 2012 Mk; Mz;bd; fhyhz;Lg; gFjp Nkhrkhfg; ghjpf;fg;gl;likapdhy; khzth; vz;zpf;if ,yf;FfSf;Fs; kdijf; ftuf;$bajhfTk; ed;whfTk; fhzg;gLfpd;wd.

gy;fiyf;fofk; cyf mq;fPfhuk;ngw;w cah; fy;tp epWtdkhf ed;kjpg;ig Nkk;gLj;jNtz;bapUg;gjdhy;> KJkhdpkl;l gl;lg;gbg;G epfo;r;rpfSf;fhd gjpT mjpfhpf;fg;gly; Ntz;Lk;. Mifahy;> Muk;g kl;l <LghLfspyhd fy;tprhh; mYtyh;fspd; gzpr; Rikiaf; Fiwj;J gl;lg;gbg;G kw;Wk; gl;lg;gpd;gbg;G kl;lj;jpyhd epfo;r;rpj;jpl;lq;fSf;F mjpf kzpj;jpahyj;ij / Neuj;ij xJf;fNtz;ba mtrpak; Vw;gl;Ls;sJ.

mbg;gilf; fw;ifnewpfs; nghJthf cah; ju fw;gpj;jYf;F xg;ghf ,Ug;gjdhy;> tphpTiuahsh;fspd; ngWkjpahd Neuq;fs; mbg;gil kl;lf; fw;ifnewpfisf; fw;gpg;gjpy; tPzhfpd;wd vd;gJ njspthFk;. Mifahy;> midj;J mbg;gil kl;l fw;ifnewpfisAk; ,iltUif fy;tpapayhsh;fspd; cjtpAld; ntt;NtW Jiwfisf; nfhz;l xNu fw;if epfo;r;rpj;jpl;lkhf xNu Neuj;jpy; elhj;j cj;Njrpf;fg;gl;Ls;sJ. gy;fiyf;fofk; tUlj;jpy; xUKiw mbg;gilf; fw;ifnewpia tpsk;gug;gLj;jpgy;fiyf;fof fz;fhzpg;Gg; nghwpKiwapd; fPo; gy;fiyf;fof tshfj;jpw;F ntspNa tFg;Gf;fis elhj;j KbAk;.

jw;Nghija rh;tNjr kw;Wk; r%f #oiy ehk; fUj;jpw;nfhs;fpd;wNghJ vkJ fl;lisr; rl;lj;jpd; rpy gphpTfs; epWtdk; Kiwahfj; njhopw;gLtjw;F Kl;Lf;fl;ilahff; fhzg;gLfpd;wd. Mifahy;> ehl;bd; khwptUk; r%f-nghUspay; #oiyAk; jw;Nghija cyf #oiktpidAk; fUj;jpw;nfhz;L GjpaNjhh; fl;lisr;rl;lj;ijj; jahhpf;fNtz;ba mtruj; Njit Vw;gl;Ls;sJ.

**ADB-DEMP**

ODL ,id tphpTgLj;Jtjw;fhd ADB-DEMP ,d; cjtp 2010 Mk; Mz;L Kbtile;jJ. Nguitapdhy; epakpf;fg;gl;l cg FO NODES ,d; Kfhikj;Jtj;ijf; ifNaw;f jw;NghJ nraw;gl;LtUfpd;wJ.

**(<) vjph;fhyj; jpl;lq;fs;**

* epUthf kw;Wk; epjpr; nraw;ghLfis gpuhe;jpa epiyaq;fSf;F gutyhf;Fjy;.
* midj;J khtl;lq;fisAk; cs;slf;fp fy;tprhh; epfo;r;rpfis RES ,w;Fxg;gilf;Fk; tifapy;> epiya tiyaikg;ig tphpTgLj;jy;.
* 09 gpuhe;jpa epiyaq;fisAk; 24 fw;if epiyaq;fisAk; epWTtjd; %yk; Gtpapay; ePl;rpia tphpTgLj;jy;.
* Mq;fpyk;> j.njh.njh.> nkd; jpwikfs;> r%f xUq;fpizg;G Mfpatw;iw midj;J khzth;fSf;Fk; fl;lhakhf;Fjy;
* nfhOk;G > ntypf;fl rpiwf; ifjpfSf;fhd gapw;rpj;jpl;lq;fs;
* midj;Jf; fw;ifnewpfSk; Neub ,izaj;jsj;jpy; toq;fg;gLk;
* Njrpa Neub ,izaj;js J}uf; fy;tpr; Nritapidf; (Nj.Ne.J}.f.Nr) ifNaw;FkhW cah; fy;tp mikr;Rld; Ngr;Rthh;j;ij eilngw;WtUfpd;wJ
* ehl;bd; jw;NghJs;s Nfs;tpapidf; fUj;jpw;nfhz;L jw;NghJs;s fw;if epfo;r;rpj;jpl;lq;fisAk; fw;ifnewpfisAk; nkhj;jkhf kPsha;Tnra;tjd; Kf;fpaj;Jtk; ghuJ}ukhdjhff; fUjg;gLfpwJ
* KJkhdp kl;lj;jpyhd epfo;r;rpj;jpl;lq;fSf;fhf gjpTnra;ag;gl;l khzth;fs; nkhj;j vz;zpf;ifapy; 2% khj;jpuNk; MfNt> cyf mq;fPfhuk;ngw;w cah; fy;tp epWtdkhf ed;kjpg;ig Nkk;gLj;jNtz;Lkhapd; ,J ehk; fUj;jpw;nfhs;sNtz;ba gFjpfspy; xd;whFk;
* gy;fiyf;fofk; tUlj;jpy; xUKiw mbg;gil fw;ifnewpfSf;fhf tpsk;guk;nra;J vkJ fz;fhzpg;G nghwpKiwapd; fPo; gy;fiyf;fof tshfj;jpw;F ntspNa tFg;Gf;fis elhj;j KbAk;. vkJ fy;tprhh; Copah;fspd; gzpr; Rikia NkYk; Fiwf;fNtz;Lkhapd; vkJ Nkw;ghh;itAld; mbg;gilf; fw;ifnewpfSf;fhd ghPl;irapid elhj;Jfpd;w nghWg;gpid murhq;f ghPl;irj; jpizf;fsj;jpw;F xg;gilf;f KbAk.;
* ehl;by; epytptUk; Nfs;tpapidf; fUj;jpw;nfhz;L jw;Nghija fw;if epfo;r;rpj;jpl;lq;fisAk; fw;ifnewpfisAk; kPsha;Tnra;jy;
* fy;tprhh; ghltpjhdq;fisAk; ntt;NtW gPlq;fisAk; mbg;gilahff; nfhz;L gphpf;Fk; jw;Nghija nrad;Kiw khw;wg;glNtz;bAs;sJ; mj;NjhL> ,uz;il tpl mjpfkhd ntt;NtW Jiwfs; my;yJ ntt;NtW gPlq;fSf;fpilapy; tbtikf;fg;gl;l rpy fw;if epfo;r;rpj;jpl;lq;fspy; mwptpidAk; tsq;fisAk; gfph;e;jspf;f KbAk;
* 2013 Mk; Mz;L> epWtd hPjpahd kPsha;T (2Mk; Rw;W) 2013- ,yq;if jpwe;j gy;fiyf;fofk; gw;wpa kPsha;T mwpf;ifnahd;W gpuhe;jpa epiyaq;fis kPsf;fl;likf;fNtz;ba cldbj; Njitapid tYthf rpghhpRnra;jpUe;jJ. ,yq;if jpwe;j gy;fiyf;fofkhdJ> ,yq;ifapYs;s ghuk;ghpa mur gy;fiyf;fofq;fspypUe;J jdpj;JtkhdJk; NtWgl;lJk; vd;w cz;ikiaf; fUj;jpw; nfhz;L mjd; mjpfhuk;> gzp vd;gtw;Wf;Fg; nghUe;jf;$bathW ,y.jp.g. ,d; xOq;fikg;G hPjpahd fl;likg;G kPsf; fl;likf;fg;glNtz;Lk; vd 2013 Mk; Mz;L Gjpa epWtd hPjpahd kPsha;T mwpf;if Fwpg;gpl;Ls;sJ

**4. tsq;fspdJk;; khzth;fspdJk; tpguq;fs;**

**fy;tpg;gPlk;**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **fy;tpgPlk;** | **epfo;r;rp** | **nkhj;j khzth;fs;** | **nkhj;j fy;tp rhh; kw;Wk; fy;tp cjtp mYtyh;fs;** | **nkhj;j fy;tp rhuh mYtyh;fs;** |
| Dept. of – STE,%f Jiw | gp.<b (,a.tpQ;) | 60 | 10 | 04 |
|  | gp.<b (ehl.muq;) | 44 | 12 |
|  | gP[pb< | 2288 | 140(Including visiting academics) |
|  | vk;.<b | 86 | 15 |
|  | vk;Vhp< | 86 | 15 |
|  | vk;Vhp< (rh;tNjr) | 15 | 20 |
|  | gy;Yhlf fw;gpj;jypy; FWq; fw;if | 38 | 10 |
|  | jdp epiy ,iza fw;if (Mrphpah; fy;tpahsh; xU fy;tp njhopy;El;gtpayhsuhf) | 08 | 04 |
| Dept. of ECPE  rpMf Jiw | rPgP<  VrpgP<  b<rPgp< kl;lk; 3  b<rpgp< kl;lk; 4 | 727  87  415  193 | 07 – (including Head) | 02 |
| Dept. of SNE  tpNjf Jiw | gp.<b (tpNjf) | 28 | 04 | 01 |
|  | gP[pbv];vd;< (15 khj epfo;) | 2012/13 - 270  2013/2014 - 105 |  |  |
|  | vy;b ,y; FWq;fw;if | 65 |  |  |
|  | cs;slq;fy; fy;tpapy; FWq; fw;ifnewp | 10 |  |  |
| nkhj;jk; |  | **4525** | **237** | **07** |

\* FWq;fw;iffs; DCA – ehs; guhkhpg;G cjtpahsu; PSA – Kd;ghlrhiy cjtpahsh;

**nghwpapay; njhopy;El;g gPlk;**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **gPlk;** | **fw;ifnewp** | **nkhj;j khzth;fs;**  **@31.12.2013** | **nkhj;j fy;tp rhh; kw;Wk; fy;tp cjtp mYtyh;fs** | **nkhj;j fy;tp rhuh mYtyh;fs;** |
| **nghwpapay; njhopy;El;gk;** | ifj;njhopy; fw;iffspy; ,skhdp | 2117 | 85 | 69 |
|  | njhopy; El;gj;jpy; ,skhdp | 6485 |
|  | ifj;njhopy; fw;iffspy; bg;Nshkh | 3986 |
|  | njhopy; El;gj;jpy; bg;Nshkh | 11848 |
|  | nkd;nghwpapaypy; ,skhdp | 787 |

**khDltpay; kw;Wk; r%f tpQ;Qhd gPlk**;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **gPlk;** | **fw;ifnewp** | **nkhj;j khzth;fs;** | **nkhj;j fy;tp rhh; mYtyh;fs;** | **nkhj;j fy;tp rhuh mYtyh;fs;** |
| **khrtp** | tpepK/ktK | 10522 | 72 | 28 |
|  | Com.Exe. tpepK/nghepK |  |  |  |
|  | mgp. fw; kw;Wk; nghJ nfhs;ifapy; Kf gl;lk; |  |  |  |
|  | Mq; kw;Wk; Mq; nkhop fw;gpj;jypy; ,sq;fiykhdp |  |  |  |
|  | r%f tpQ;Qhdj;jpy; ,sq;fiykhdp gl;lk; |  |  |  |
|  | rl;lj;jpy; ,skhdp |  |  |  |
|  | Kfhikj;Jtj;jpy; ,skhdp / Kfhikj;Jtj;jpy; bg;Nshkh |  |  |  |
|  | Mq;fpyj;jpy; cah;ju rhd;wpjo; |  |  |  |
|  | nghJthd Mq;fpyj;jpy; rhd;wpjo; |  |  |  |
|  | <v];gpvk; ,y; rhd;wpjo; |  |  |  |
|  | r%f tpQ;Qhdj;jpy; rhd;wpjo; |  |  |  |
|  | r%f ey;ypzf;fj;jpy; rhd;wpjo; fw;if newp |  |  |  |
|  | ,isQh; mgptpUj;jpapy; bg;Nshkh |  |  |  |
|  | Mq;fpyj;jpy; bg;Nshkh |  |  |  |
|  | rpq;;fsj;jpy; njhlq;FNthUf;fhd fw;ifnewp |  |  |  |
|  | jkpopy; njhlq;FNthUf;fhd fw;ifnewp |  |  |  |
|  | jkpopy; FWq; fw;ifnewp |  |  |  |
|  | rpq;fsj;jpy; mbg;gil fw;ifnewp |  |  |  |
|  | jkpopy;; mbg;gil fw;ifnewp |  |  |  |
| ***nkhj;jk;*** | 20 | **10522** | **72** | **28** |

**,aw;if tpQ;Qhd gPlk;**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **gPlk;** | **fw;ifnewp** | **nkhj;j khzth;fs;**  **@31.12.2013** | **nkhj;j fy;tp rhh; kw;Wk; fy;tp cjtp mYtyh;fs** | **nkhj;j fy;tp rhuh mYtyh;fs;** |
| ,aw;if tpQ;Qhdk; | tpQ;.,s | 4018 | 93 | 45 |
| tpQ;Qhdj;jpy; mbg;gil rhd;wpjo; | 906 |
| tpQ;.,s (jhjpapay;) | 2083 | 10 | 02 |
| jhjpapaypy; bg;Nshkh | 40 |
| kUe;jhf;ftpaypy; ,skhdp | 106 |
| kUj;Jt Ma;T $l tpQ;Qhdj;jpy; ,skhdp | 99 |
| KjpNahUf;fhd tPl;Lg; guhkhpg;G | 45 |
| Ez;Zaphpaypy; bg;Nshkh | 12 | 03 | 04 |
| Ma;T$l njhopy;El;gj;jpy; cah;ju rhd;wpjo; (ACLT) | 41 | 04 | 03 |
| Ma;T$l njhopy;El;gj;jpy; rhd;wpjo; | 75 | 04 | 03 |
| gpuNahf ,yj;jpudpaypy; rhd;wpjo; | 20 | 05 | 04 |
| fzpzp tiyaikg;G ghJfhg;G ,y; rhd;wpjo; (CCNS) | 51 | 01 | 00 |
| njhopy;Jiw rhh; fzpzp gpuNahfq;fspy; rhd;wpjo; (CPCA) | 84 | 01 | 00 |
| tdtpyq;F ghJfhg;G kw;Wk; Kfhikapy; rhd;wpjo; | 36 | 04 | 02 |
| #oypay; fw;ifapy; rhd;wpjo; fw;ifnewp | 15 | 02 | 04 |
| #oypay; tpQ;Qhdj;jpy;; KJkhdp /ggp bg;Nshkh | 90 | 03 | 02 |
| kUj;Jt G+r;rpapay; kw;Wk; gpuNahf xl;Lz;zpapaypy; KJkhdp | 13 | 06 | 00 |

**5. cs;ehl;L khzth;fspd; tpguk;:**

**fy;tpg; gPlk;**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **epfo;r;rp** | **nkhop** | **cs;thq;fy; 2013** | **mbg;gil &**  **rhd;wpjo; kl;lq;;fs;** | **bg;Nshkh kl;lq;fs;** | **gl;l kl;lq;fs;** | **gl;lg; gpd;gbg;G kl;lq;fs;** | **gl;lk;ngw;Nwhh; vz;.** |
| Dept. of – STE  r%f Jiw | fy;tp ,skhdp (,aw;if tpQ;Qhdk;) | M/rp | 60 | 30 | 19 | 04 | 07 | - |
| fy;tp ,skhdp  (ehlfk; &muq;F) | rp | 44 | - | - | 34 | 44 | - |
| gP[pb< | M/rp/j | 2288 | - | - | - | - | 2200 |
| fy;tp KJkhdp (fy;. KJ) | M/rp/j | 86 | - | - | - | - | 04 |
| vk;Vhp< | M/rp/j | 86 | - | - | - | - | 11 |
| vk;Vhp< (rh;t) | M | 15 | - | - | - | - | 25 |
| gy;Yhlf fw;gpj;jypy; FWq; fw;if | rp /j | 38 | - | - | - | - | - |
| jdp epiy ,iza fw;if (Mrphpah; fy;tpahsh; xU fy;tp njhopy;El;gtpayhsuhf) | M | 08 | - | - | - | - | - |
| Dept. of ECPE  rpMf Jiw | rPgP< | rp | 440 | 440 | - | - | - | - |
|  | M | 180 | 180 | - | - | - | - |
|  | j | 107 | 107 | - | - | - | - |
| VrPgP< | rp | 65 | 65 | - | - | - | - |
|  | M | 22 | 22 | - | - | - | - |
| b<rPgP< | rp | 387 | 263 | 124 | - | - | - |
|  | M | 222 | 150 | 72 | - | - | - |
| Dept. of SNE  tpNjf Jiw | fy;. ,s (tpNjf) | M | 28 | - | - | - | - | - |
| ggpb (tpNjf) | rp | 2012/13 - 19  2013/14 - 15 | - | - | - | - | - |
|  | j | 2012/13 - 236  2013/14 - 75 | - | - | - | - | - |
|  | M | 2012/13 - 15  2013/14 - 15 | - | - | - | - | - |
| nkhj;jk; |  |  | **4451** | **1257** | **215** | **38** | **51** | **2240** |

\* FWq;fw;iffs;

**nghwpapay; njhopy;El;g gPlk;**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| gPlk; | epfo;r;rp | nkhop | cs;thq;fy; 2013 | mbg;gil kw;Wk;  rhd;wpjo; kl;lq;;fs; | bg;Nshkh kl;lq;fs; | gl;l kl;lq;fs; | gl;lg; gpd;gbg;G kl;lq;fs; | 2012  gl;lk;ngw;Nwhh; vz;. |
| nghwpapay; njhopy; El;gk; | gpIv]; | Mq;fpyk; | 2117 |  |  | Yes |  |  |
| Gphp | Mq;fpyk; | 6485 |  |  | Yes |  |  |
| bIv]; | Mq;fpyk; | 3986 |  | Yes |  |  |  |
| Bhp | Mq;fpyk; | 11848 |  | Yes |  |  |  |
| gpv];< | Mq;fpyk; | 787 |  |  | Yes |  |  |
| mbg;gil | Mq;fpyk; | 1784 |  |  |  |  |  |
| epW.Kfh ,y; njhopy;El;g KJkhdp | Mq;fpyk; | 5 |  |  |  |  |  |
| **nkhj;jk;** | **07** |  | **27012** |  |  |  |  |  |

**khdpltpay; kw;Wk; r%f tpQ;Qhd gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| gPlk; | ghlnewp | nkhop | cs;thq;fy; 2013 | mbg;gil kw;Wk;  rhd;wpjo; kl;lq;;fs; | bg;Nshkh kl;lq;fs; | gl;lg;gbg;G kl;lq;fs; | gl;lg; gpd;gbg;G kl;lq;fs; | jj;. KJ | gl;lk; ngw;Nwhh; vz;. |
| khrtp | vk;gpV/vr;Mh;vk; | M | 58 |  |  |  |  |  | 38 |
|  | nfhk;.vf;]; vk;gpV/vk;gPV | M | 57 |  |  |  |  |  | 35 |
|  | mgp.fw;if kw;Wk; nghJ nfhs;ifapy; KJ fiykhdp gl;lk; | M | 169 |  |  |  |  |  | 18 |
|  | Mq; kw;Wk; Mq; nkhop fw;gpj;jypy; ,sq;fiykhdp | M | 43 |  |  |  |  |  |  |
|  | r%f tpQ;Qhdj;jpy; ,sq;fiykhdp gl;lk; | M | 1427 |  |  |  |  |  | 122 |
|  | rl;lj;jpy; ,skhdp | rp/M/j | 994 |  |  |  |  |  | 220 |
|  | Kfhikj;Jtj;jpy; ,skhdp /bg;Nshkh | M | 1100 |  |  |  |  |  | 65 |
|  | Mq;fpyj;jpy; cah; rhd;wpjo; | M | 65 |  |  |  |  |  | 60 |
|  | nghJ Mq;fpyj;jpy; rhd;wpjo; | M | 2863 |  |  |  |  |  |  |
|  | <v];gpvk; ,y; rhd;wpjo; | rp/M /j | 678 |  |  |  |  |  |  |
|  | r%f rpQ;Qhdj;jpy; rhd;wpjo; | rp/M /j | 602 |  |  |  |  |  | 83 |
|  | r%f ey;ypzf;fj;jpy; rhd;wpjo; | M | 230 |  |  |  |  |  | 225 |
|  | ,isQh; mgptpUj;jpapy; bg;Nshkh | rp/M /j | 169 |  |  |  |  |  | 46 |
|  | Mq;fpyj;jpy; bg;Nshkh | M | 150 |  |  |  |  |  |  |
|  | rpq;fsj;jpy; Muk;g ghlnewp | M/j | 175 |  |  |  |  |  |  |
|  | jkpopy; Muk;g ghlnewp | M/rp | 520 |  |  |  |  |  |  |
|  | jkpopy; FWq;fw;if | M/rp | 707 |  |  |  |  |  |  |
|  | rpq;fsj;jpy; mbg;gil ghlnewp | M/ j | 260 |  |  |  |  |  |  |
|  | jkpopy; mbg;gil ghlnep | M/rp | 255 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| ***nkhj;jk;*** |  | **20** | **10522** |  |  |  |  |  | **912** |

**,aw;if tpQ;Qhd gPlk;**

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| gPlk; | epfo;r;rp | nkhop | cs;thq;fy; 2013 | mbg;gil kw;Wk;  rhd;wpjo; kl;lq;;fs; | bg;Nshkh kl;lq;fs; | gl;l kl;lq;fs; | gl;lg; gpd;gbg;G kl;lq;fs; | 2012  gl;lk;ngw;Nwhh; vz;. |
| ,aw;if tpQ;Qhdk; | tpQ;.,s | Mq;fpyk; | 1422 |  |  | x |  | 332 |
| jhjpapaypy; tpQ;.,s | Mq;fpyk; | 589 |  |  | x |  | 64 |
| kUe;jftpaypy; tpQ;.,s | Mq;fpyk; | 106 |  |  | x |  | - |
| kUj;Jt Ma;T$l tpQ;Qhdj;jpy; ,skhdp | Mq;fpyk; | 99 |  |  | x |  | - |
| tpQ;Qhdj;jpy; bg;Nshkh | Mq;fpyk; | Those who registered for BSc, applied for Diploma |  | x |  |  | 05 |
| jhjpapaypy; bg;Nshkh | Mq;fpyk; | 40 |  | x |  |  | - |
| Ez;Zaphpaypy; bg;Nshkh |  | 12 |  | x |  |  | 12 |
| tpQ;Qhdj;jpy; mbg;gil rhd;wpjo; | Mq;fpyk; | 617 | x |  |  |  | - |
| Vrpvy;hp | Mq;fpyk; | 24 | x |  |  |  | 18 |
| rpvy;hp | Mq;fpyk; | 43 | x |  |  |  | 12 |
| gpuNahf ,yj;jpudpaypy; rhd;wpjo; | Mq;fpyk;/ rpq;fsk; | 20 | x |  |  |  | 09 |
| tdtpyq;F ghJfhg;G kw;Wk; Kfhikapy; rhd;wpjo; | Mq;fpyk;&rpq;fsk; | 36 | x |  |  |  | 21 |
| Rw;whly; fw;ifapy; rhd;wpjo; | Mq;fpyk; | 15 | x |  |  |  | - |
| rPrPvd;v]; | Mq;fpyk; | 51 | x | - | - | - | 13 |
| rPgPrPV | Mq;fpyk; | 84 | x | - | - | - | 37 |
| #oy; tpQ;Qhdj;jpy; KJkhdp /ggp bg;Nshkh | Mq;fpyk; | - |  |  |  | x | tpQ;KJ-05  ggpbg; - 04 |
| kUj;Jt G+r;rprapay; kw;Wk; gpuNahf Xl;Lz;zpapaypy; KJkhdp | Mq;fpyk; | 13 |  |  |  | x | - |
| jj;.KJ/ jj;.fyh | Mq;fpyk; | 08 |  |  |  | x | fyh - jj;KJl- 01 |
| tNahjph;fSf;fhd tPl;L mbg;gil guhkhpg;G | Mq;fpyk; | 45 | x |  |  |  | 45 |
| **nkhj;jk;** |  |  | **3224** | **09** | **03** | **04** | **03** | **578** |

1. **ntspehl;L khzth;fspd; tpguk;:**

**nghwpapay; njhopy; El;g gPlk;**

|  |  |  |  |  |  |  |  |  |
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| gPlk; | epfo;r;rp | nkhop | cs;thq;fy; 2013 | mbg;gil kw;Wk;  rhd;wpjo; kl;lq;;fs; | bg;Nshkh kl;lq;fs; | gl;l kl;lq;fs; | gl;lg; gpd;gbg;G kl;lq;fs; | 2012  gl;lk;ngw;Nwhh; vz;. |
| nghwpapay; njhopy; El;g gPlk; |  |  |  | 02 |  |  |  |  |
| **nkhj;jk;** |  |  |  | **02** |  |  |  |  |

**,aw;if tpQ;Qhd gPlk;**

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| gPlk; | epfo;r;rp | nkhop | cs;thq;fy; 2013 | mbg;gil kw;Wk;  rhd;wpjo; kl;lq;;fs; | bg;Nshkh kl;lq;fs; | gl;l kl;lq;fs; | gl;lg; gpd;gbg;G kl;lq;fs; | 2012  gl;lk;ngw;Nwhh; vz;. |
| ,aw;if tpQ;Qhd gPlk; |  |  |  | 01 |  |  |  |  |
| **nkhj;jk;** |  |  |  | **01** |  |  |  |  |

**07. fy;tp kw;Wk; fy;tprhuh cj;jpNahfj;ju;fspd;; tpguk;**

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| ml;ltiz 2 - mYtyh; epiy mDkjpf;fg;gl;l gjtpazp> epug;gpait kw;Wk; ntw;wplk; | | | | | | |  | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
| **gjtpapdh; tFjp** | **mq;fPfhpj;jit** | |  | | **epug;gpait** | |  | | **ntw;wplk;** | | **jw;fhypfk;** | |
| fy;tprhh; | 320 | | 320 | | 270+20 | | 290 | | 50 | | 34 | |
| Ehyfk; kw;Wk; njhlh;ghly; | 10 | | 10 | | 9 | | 9 | | 1 | | - | |
| fy;tprhh; cjtp | 188 | | 188 | | 135+20\* | | 155 | | 13 | | - | |
| epUthfk; | **59\*\***+30 | | **89** | | **43\*\***+21 | | **64** | | 25 | | 2 | |
| Vida njhopyhsh;fs; | 635 | | 635 | | 538 | | 538 | | 97 | | 87 | |
| (njhopy; jpwd; njhopy;jpwdw;w) |  | |  | |  | |  | |  | |  | |
| nkhj;jk; |  | | 1242 | |  | | 1056 | | 186 | | 110 | |
|  |  | |  | |  | |  | |  | |  | |
| **59\*\*** - epUthf mYtyh;fs; **43\*\*-**epUthf mYtyh;fs | | | | | | | | |  | |  | |
|  |  | |  | |  | |  | |  | |  | |
| **\* 20 - EA/ETAs tphpTiuahsh;fshf gjtp cah;jg;gl;ldh;** | | |  | |  | |  | |  | |  | |

**08.1 fy;tprhh; cj;jpNahfj;ju;fspd;; tpguk; - 2013**

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| **gPlk;** | **tpNrlj;Jtk;** | **nkhop** | **c.Nt** | **rpNu\;l Nguhrphpah;** | **,izg; Nguhrphpah;** | **Nguhrphpah;** | **rpNu\;l tphpTiuahsh;** | **tphpTiuahsh;** | **tphpTiuahsh;**  **(jFjpfhz;)** | **Ehyfh;** | **<V. <hpV** | **IT** | **jw;.** | **jw;.** |
| **rp.c.Ehyfh;** | **mYtyh;** | **Nghjdh.** | **Muha;r;rp cjtp.** |
|  |  |  |  |  |  |  |  |  |  | **c.Ehyfh;** |  |  |  |  |
| nghJ |  | Mq;fpyk;/  rpq;fsk; | 1 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ,aw;if tpQ;Qhdk; | tpQ;Qhdk; | Mq;fpyk; |  | 2 | 1 | **5** | 30 | 17 | 21 |  |  | 1 | 11 |  |
|  | tpQ;Qhdk; | Mq;fpyk; / rpq;fsk; |  |  |  |  |  |  | 4 |  | 4 |  | 40 |  |
|  |  | jkpo; |  |  |  | **1** | 4 |  | 2 |  |  |  | 8 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| fy;tp | fy;tp | rpq;fsk;/ Mq;fpyk; |  |  |  | **1** | 4 | 2 | 4 |  |  |  |  |  |
|  |  | jkpo;/  Mq;fpyk; |  |  |  | **1** | 1 |  | 1 |  |  |  |  |  |
|  |  | rpq;fsk; |  |  |  |  | 2 |  | 12 |  |  |  | 2 |  |
|  |  | jkpo; |  |  |  |  | 1 |  | 5 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| gpuhe;jpa | ,aw;if tpQ;Qhdk; | Mq;fpyk; |  |  |  |  | 1 |  |  |  |  |  | 13 |  |
| fy;tpr; | tptrhak; | Mq;fpyk; |  |  |  |  |  | 1 |  |  |  |  | 5 |  |
| Nritfs; | ,aw;if tpQ;Qhdk; tdtpay; | Mq;fpyk; |  |  |  |  |  | 1 |  |  |  |  |  |  |
|  | fzpzp tpQ;. | Mq;fpyk; |  |  |  |  |  | 3 | 1 |  |  |  |  |  |
|  | jhtutpay; | Mq;fpyk; |  |  |  |  |  | 1 |  |  |  |  |  |  |
|  | ngsjPf tpQ;. | Mq;fpyk; |  |  |  |  |  | 1 |  |  |  |  |  |  |
|  | nghwpapay; | Mq;fpyk; |  |  |  |  |  | 1 |  |  | 8 |  | 4 |  |
|  | nghUspay; | Mq;fpyk; |  |  |  |  |  |  | 1 |  |  |  |  |  |
|  | r%ftpay; | rpq;fsk; |  |  |  |  |  |  | 1 |  |  |  | 4 |  |
|  | rptpy; | Mq;fpyk; |  |  |  |  |  |  |  |  | 1 |  |  |  |
|  | j.njh |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| fy;tp | Clfk; | Mq;fpyk; |  |  |  |  | 1 | 3 |  |  |  |  | - |  |
| njhopy;El;gk; |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| khDltpay; | nkhop | Mq;fpyk; |  |  |  |  | 7 | 4 | 4 |  |  |  |  |  |
| r%ftpQ;Qhdk; |  | rpq;fsk;  /jkpo; |  |  |  |  | 1 | - | 1 |  |  |  |  |  |
|  | rl;lk; | Mq;fpyk;/  rpq;fsk; |  |  |  | **1** | 3 | 2 | 11 |  |  |  | 2 |  |
|  |  | Mq;fpyk; |  |  |  |  |  | - |  |  |  |  |  |  |
|  |  | Mq;fpyk;/ jkpo; |  |  |  |  | 1 | - | 1 |  |  |  |  |  |
|  | Kfhikj;Jtk; | Mq;fpyk;/  rpq;fsk; |  |  |  |  | 10 | 1 | 4 |  | 1 |  |  |  |
|  |  | Mq;fpyk;/ jkpo; |  |  |  |  |  | 1 | 1 |  |  |  |  |  |
|  | r%ff;fy;tp | Mq;fpyk;/  rpq;fsk; |  | 1 |  |  | 8 | - | 6 |  |  |  | 2 |  |
|  |  | Mq;fpyk;/ jkpo; |  |  |  |  | 2 | - | 1 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| nghwpapay; | tptrhak; | Mq;fpyk; |  |  |  | **1** | 5 |  |  |  |  |  | 1 |  |
| njhopy;El;gk; | rptpy; | Mq;fpyk; |  |  |  | **2** | 12 | - | 1 |  | 1 |  | 8 | 1 |
|  | ,yj;jpudpay; | Mq;fpyk; |  |  |  |  | 9 | 2 | 8 |  |  |  | 7 | 2 |
|  | fzpjk; kw;Wk; jj;Jtk; | Mq;fpyk; |  | 1 |  |  | 2 | 1 | 4 |  | 1 |  | 4 | 1 |
|  | nkfhdpf; | Mq;fpyk; |  |  |  |  | 11 | 2 | 8 |  | 2 |  | 7 |  |
|  | Jzp | Mq;fpyk; |  |  |  | **3** | 2 | 2 | 4 |  | - |  | 4 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ehyf Nrit | Ehyfk; | Mq;fpyk;/  rpq;fsk; |  |  |  |  |  |  |  | 9 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| jfty; | j.njh | Mq;fpyk; |  |  |  |  |  |  |  |  |  | 9 |  |  |
| njhopy;El;gk; |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **nkhj;jk;** |  |  | **1** | **4** |  | **15** | **117** | **45** | **106** | **9** | **19** | **10** | **122** | **4** |

**08.2 fy;tprhuh cj;jpNahfj;ju;fspd;; tpguk; - 2013**

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| **gPlk; / fpis** | **mjp rpNu\;l juk;** | **,y.** | **rpNu\;l mYtyh;** | **,y.** | **fdp\;l mYtyh;** | **,y.** | **rpw;Whopah;** | **,y.** |
| nghJ | gjpthsh; | 1 | RUf;nfOj;jhsh; | 4 | irf;fps; Xlyp | 2 | njhopyhsh; | 12 |
|  | rpNu\;l cjtp gjpthsh; | 4 | vOJtpidQh; | 19 | fsQ;rpahs; | 1 |  |  |
|  | cjtp gjpthsh; | 2 | jl;nlOj;jhsh; | 1 |  |  |  |  |
|  | rpNu\;l Msdp nrayhsh; jiyik epUthf mYtyhpd; | 1 | njhiyNgrp ,af;Fdh; | 5 |  |  |  |  |
|  | juT gjpT ,af;Fdh; | 2 |  |  |  |  |
|  | Gs;sptpgu mYtyh; | 1 | fzpzp gpuNahf cjtpahsh; | 10 |  |  |  |  |
|  | cjtp cs;sf fzf;fha;thsh; | 1 | Nkw;ghh;itahsh; (guhkhpg;G) | 1 |  |  |  |  |
|  |  |  | fzf;fha;T cjtpahsh; | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| epjp | gpujp epjpahsh; | 1 | RUf;nfOj;jhsh; | 1 |  |  | njhopyhsh; | 2 |
|  | rpNu\;l cjtp epjpahsh; | 1 | rpwhg;gh; | 2 |  |  |  |  |
|  | cjtp epjpahsh; | 3 | fzf;nfOj;jhsh; | 2 |  |  |  |  |
|  |  |  | juT gjpT ,af;Fdh; | 3 |  |  |  |  |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 5 |  |  |  |  |
|  |  |  | vOJtpidQh; | 12 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| fsQ;rpaKk; tpdpNahfKk; | rpNu\;l cjtp epjpahsh; | 1 | vOJtpidQh; | 4 |  |  | njhopyhsh; | 3 |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 1 |  |  |  |  |
|  |  |  | jl;nlOj;jhsh; | 1 |  |  |  |  |
|  |  |  | fsQ;rpa nghWg;ghsh; | 2 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ghJfhg;G | jiyik ghJfhg;G mYtyh; | 1 | ghJfhg;G ghpNrhjfh; | 3 | ghJfhg;G fhtyh; | 14 |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Nghf;Ftuj;J |  |  |  |  | rhujp | 22 |  |  |
|  |  |  |  |  |  |  |  |  |
| fy;tpg; gPlk; | cjtp gjpthsh; | 1 | RUf;nfOj;jhsh; | 2 | mYtyhf ,ae;jpu ,af;Fdh; | 1 | njhopyhsh; | 4 |
|  |  |  | vOJtpidQh; | 2 |  |  |  |  |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 3 |  |  |  |  |
|  |  |  | Muk;g ghlrhiy cjtpahsh;. | 6 |  |  |  |  |
|  |  |  | guhkhpg;G cjtpahsh; | 2 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| nghwpapay; njhopy;El;g gPlk; | cjtp gjpthsh; | 1 | RUf;nfOj;jhsh; | 1 | iftpid cjtpahsh; | 9 | njhopyhsh; | 4 |
|  | ,yj;jpudpay; nghwpapayhsh; | 2 | jl;nlOj;jhsh; | 2 | Ma;T$l cjtpahsh; | 13 |  |  |
|  | gapw;r;rp nghwpapayhsh; | 1 | vOJtpidQh; | 3 | xl;Ldh; | 1 |  |  |
|  | jiyik njhopy; El;g mYtyh; | 1 | fzpzp gpuNahf cjtpahsh; | 5 | fUtp tpdpNahfj;jh; | 2 |  |  |
|  |  |  | juT gjpT ,af;Fdh; | 5 | Nkhl;lhh; jpUj;Jdh;. | 2 |  |  |
|  |  |  | fsQ;rpa nghWg;ghsh; | 1 | mYtyhf ,ae;jpu ,af;Fdh; | 1 |  |  |
|  |  |  | njhopy;El;g mYtyh; | 14 | jl;lhd; | 1 |  |  |
|  |  |  | tiuahsh; | 3 | gTd;lhpNkd; | 1 |  |  |
|  |  |  |  |  | ve;jputpayhsh; | 1 |  |  |
|  |  |  |  |  |  |  |  |  |
| khrtp. gPlk; | cjtp gjpthsh; | 1 | jl;nlOj;jhsh; | 2 | NuhdpNah ve;jpu ,af;Fdh; | 1 | njhopyhsh; | 5 |
|  |  |  | RUf;nfOj;jhsh; | 1 |  |  |  |  |
|  |  |  | vOJtpidQh; | 5 |  |  |  |  |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 2 |  |  |  |  |
|  |  |  | juT gjpT ,af;Fdh; | 6 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ,a. tpQ;. gPlk; | cjtp gjpthsh; | 1 | vOJtpidQh; | 4 | Ma;T$l gzpahs;; | 9 | njhopyhsh; | 6 |
|  |  |  | jl;nlOj;jhsh; | 3 | mYtyhf ,ae;jpu ,af;Fdh; | 1 |  |  |
|  |  |  | juT gjpT ,af;Fdh; | 4 |  |  |  |  |
|  |  |  | RUf;nfOj;jhsh; | 1 |  |  |  |  |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 4 |  |  |  |  |
|  |  |  | tiuahsh; | 1 |  |  |  |  |
|  |  |  | njhopy;El;g mYtyh; | 11 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| gpuhe;jpa | rpNu\;l cjtp gzpg;ghsh; | 1 | ghJfhg;G ghpNrhjfh; | 2 | jr;rd; | 1 | njhopyhsh; | 27 |
| fy;tp | cjtp gzpg;ghsh; | 15 | fsQ;rpa nghWg;ghsh; | 2 | Nkrd; | 1 | Rfhjhu Nrit njhopyhsh; | 5 |
| Nritfs; | cjtp gjpthsh; | 1 | fzpzp gpuNahf cjtpahsh; | 20 | Foha;jpUj;Jdh; | 1 |  |  |
|  |  |  | Ehyf cjtpahsh; | 5 | kpd;dpayhsh; | 1 |  |  |
|  |  |  | vOJtpidQh; | 21 | fty;nghWg;ghsp | 3 |  |  |
|  |  |  | njhopy;El;g mYtyh; | 2 | Ma;T $l gzpahs; | 2 |  |  |
|  |  |  | Nkw;ghh;itahsh; (epytbtikg;G) | 1 | ghJfhg;G fhtyh; | 4 |  |  |
|  |  |  | RUf;nfOj;jhsh; | 1 |  |  |  |  |
|  |  |  | rpwhg;gh; | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ghPl;ir | rpNu\;l cjtp gjpthsh; | 1 | vOJtpidQh; | 10 | mYtyhf ,ae;jpu ,af;Fdh; | 1 | njhopyhsh; | 2 |
|  |  |  | RUf;nfOj;jhsh; | 1 |  |  |  |  |
|  |  |  | juT gjpT ,af;Fdh; | 2 |  |  |  |  |
|  |  |  | jl;nlOj;jhsh; | 2 |  |  |  |  |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Ehyfk; | rpNu\;l cjtp gjpthsh; | 1 | Ehyf cjtpahsh; | 11 | Gj;jfk; fl;Ldh; | 3 | njhopyhsh; | 3 |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 1 | Ehyf gzpahs; | 1 |  |  |
|  |  |  |  |  |  |  |  |  |
| fy;tp; | ,y;Y];l;Nurdyp];l; | 2 | vOJtpidQh; | 1 |  |  | njhopyhsh; | 2 |
| njhopy;El;gk; | xyp> Xsp | 10 | fzpzp gpuNahf cjtpahsh; | 1 |  |  |  |  |
|  | njhopy;El;g mYtyh; |  | fsQ;rpa nghWg;ghsh; | 1 |  |  |  |  |
|  | (cah;juk;) |  | juT gjpT ,af;Fdh; | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Rfhjhu Nritfs; |  |  | nghJRfhjhu ghpNrhjfh; | 1 | gzpahs; | 1 |  |  |
|  |  |  | kUe;jfh; | 1 |  |  |  |  |
|  |  |  | jhjp | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| khzt tptfhuk; | rpNu\;l cjtp gjpthsh; | 1 | vOJtpidQh; | 4 |  |  | njhopyhsh; | 1 |
|  |  |  | juT gjpT ,af;Fdh; | 1 |  |  |  |  |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 3 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| guhkhpg;G | Ntiy nghwpapayhsh;(rptpy;)11 | 1 | fsQ;rpa nghWg;ghsh; | 1 | jr;rd; | 4 | njhopyhsh; | 16 |
|  | epytbtikg;ghsh; | 1 | Nkw;ghh;itahsh; (guhkhpg;G) | 1 | Nkrd; | 3 | Rfhjhu Nrit njhopyhsh; | 2 |
|  |  |  | fzpzp gpuNahf cjtpahsh; | 1 | Njhl;lf;fhuh; | 1 |  |  |
|  |  |  | Ntiy fz;fhzpg;ghsh; | 2 | kpd;dpayhsh; | 4 |  |  |
|  |  |  | tiuahsh; | 1 | Foha;jpUj;Jdh; | 2 |  |  |
|  |  |  | Nkw;ghh;itahsh; (rptpy;,,yj;) | 3 |  |  |  |  |
|  |  |  | Nkw;ghh;itahsh; (epytbtikg;G) | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| tpLjp |  |  |  |  |  |  | njhopyhsh; | 1 |
|  |  |  |  |  |  |  |  |  |
| mr;rfk; | mr;rhsh; | 1 | vOJtpidQh; | 1 | fdp\;l gpNyl; nra;gth; | 1 | njhopyhsh; | 11 |
|  | cjtp epjpahsh; | 1 | fsQ;rpa nghWg;ghsh; | 1 | fdp\;l ypNjh ve;jpu ,af;Fdh; | 1 |  |  |
|  | cjtp mr;rhsh; | 1 | igd;bq; Nghkd; | 2 | Gj;jfk; fl;Ldh; (mr;R) | 2 |  |  |
|  |  |  | ypNjh ve;jpu ,af;Fdh; | 5 | mYtyhf ,ae;jpu ,af;Fdh; | 1 |  |  |
|  |  |  | ypNjh fiyQh; | 2 | Gj;jfk; fl;Ldh; | 1 |  |  |
|  |  |  | fdp\;l ypNjh fiyQh; | 1 | fpNyhbd; ,af;Fdh; | 1 |  |  |
|  |  |  | nraw;gL fkuh ,af;Fdh; | 1 | ypNjh ve;jpu gzpahs; | 1 |  |  |
|  |  |  | jl;lr;R mikg;ghsh; | 1 |  |  |  |  |
|  |  |  | mr;rf cjtpahsh; | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| juT nraw;gLj;jy; | gzpg;ghsh; | 1 | juT gjpT ,af;Fdh; | 2 |  |  | njhopyhsh; | 1 |
|  | gpujp jfty; | 1 | vOJtpidQh; | 1 |  |  |  |  |
|  | Kiwikfs; Kfhikahsh; |  | fzpzp gpuNahf cjtpahsh; | 2 |  |  |  |  |
|  |  |  | fzpzp epuyhf;Fdh; | 1 |  |  |  |  |
|  |  |  | fzpzp ,af;Fdh; | 4 |  |  |  |  |
|  |  |  | njhopy;El;g mYtyh; | 3 |  |  |  |  |
| **nkhj;jk;** |  | **64** |  | **308** |  | **123** |  | **107** |
|  |  |  |  |  |  |  |  |  |

1. **Muha;r;rp> fz;Lgpbg;Gfs; kw;Wk; ntspaPLfspd; tpguq;fs; :**

**fy;tpg; gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **gpuRhpf;fg;gl;lJ** | **th;jfg;gLj;jpaJ** | **rkh;gpf;fg;gl;lJ** |
| a. Muha;r;rp fUj;jpl;lq;fspd; vz;. | 20 | - | 15 |
| b. Kidg;Gfspd; vz;. | - | - | - |
| c. rQ;rpiffspd; vz;. | 01 | - | - |
| d. Gj;jfq;fspd; vz;. | 02 | - | - |
| e. fl;Liufspd; vz;. | 11 | - | - |
| f. Vidait | - | - | - |
| **nkhj;jk;** | **34** | **-** | **15** |

**nghwpapay; njhopy;El;g gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **gpuRhpf;fg;gl;lJ** | **th;jfg;gLj;jpaJ** | **rkh;gpf;fg;gl;lJ** |
| a. Muha;r;rp fUj;jpl;lq;fspd; vz;. | 46 |  |  |
| b. Kidg;Gfspd; vz;. | 33 |  |  |
| c. rQ;rpiffspd; vz;. |  |  |  |
| d. Gj;jfq;fspd; vz;. |  |  |  |
| e. fl;Liufspd; vz;. |  |  |  |
| f. Vidait |  |  |  |
| **nkhj;jk;** |  |  |  |

**khDltpay; kw;Wk; r%ftpQ;Qhd gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **gpuRhpf;fg;gl;lJ** | **th;jfg;gLj;jpaJ** | **rkh;gpf;fg;gl;lJ** |
| a. Muha;r;rp fUj;jpl;lq;fspd; vz;. | 17 | 02 | 26 |
| b. Kidg;Gfspd; vz;. | 01 | - | - |
| c. rQ;rpiffspd; vz;. | 06 | - | - |
| d. Gj;jfq;fspd; vz;. | 03 | - | 01 |
| e. fl;Liufspd; vz;. | 19 | - | 12 |
| f. Vidait | 33 | 01 | 04 |
| **nkhj;jk;** | **62** | **03** | **43** |

**,aw;if tpQ;Qhd gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **gpuRhpf;fg;gl;lJ** | **th;jfg;gLj;jpaJ** | **rkh;gpf;fg;gl;lJ** |
| a. Muha;r;rp fUj;jpl;lq;fspd; vz;. | 16 |  | 39 |
| b. Kidg;Gfspd; vz;. |  |  |  |
| c. rQ;rpiffspd; vz;. | 12 |  |  |
| d. Gj;jfq;fspd; vz;. | 01 |  |  |
| e. fl;Liufspd; vz;. |  |  |  |
| f. Vidait | 04 |  | 27 |
| **nkhj;jk;** | **33** |  | **66** |

1. **epfo;rpj;jpl;lq;fs;> fUj;juq;Ffs; kw;Wk; nrayku;Tfspd; tpguq;fs;**

**fy;tpg; gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **fye;Jnfhz;lit** | **epiwTnra;jit** | **rkh;gpj;jit** |
| a. gl;lg;gpd;gbg;G epfo;r;rpfspd; vz;. | 04 | 04 | - |
| b. gl;lg;gpd;gbg;G bg;Nshkhf;fspd; vz;. | 03 | 03 | - |
| c. gl;lg;gbg;G epfo;r;rpfspd; vz;. | 04 | 04 | - |
| d. bg;Nshkh epfo;r;rp jpl;lq;fspd; vz;. | - | Resource | - |
| e. rhd;wpjo; epfo;r;rp jpl;lq;fspd; vz;. | - | - | - |
| f. Vidait | - | - | - |
| nkhj;jk; | **11** | **12** | **-** |

**nghwpapay; njhopy;El;g gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **fye;Jnfhz;lit** | **epiwTnra;jit** | **rkh;gpj;jit** |
| a. gl;lg;gpd;gbg;G epfo;r;rpfspd; vz;. |  |  |  |
| b. gl;lg;gpd;gbg;G bg;Nshkhf;fspd; vz;. |  |  |  |
| c. gl;lg;gbg;G epfo;r;rpfspd; vz;. |  |  |  |
| d. bg;Nshkh epfo;r;rp jpl;lq;fspd; vz;. |  |  |  |
| e. rhd;wpjo; epfo;r;rp jpl;lq;fspd; vz;. |  |  |  |
| f. Vidait |  |  |  |
| nkhj;jk; | 31 |  |  |

**khDltpay; kw;Wk; r%ftpQ;Qhd gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **fye;Jnfhz;lit** | **epiwTnra;jit** | **rkh;gpj;jit** |
| a. gl;lg;gpd;gbg;G epfo;r;rpfspd; vz;. | 02 | 04 | - |
| b. gl;lg;gpd;gbg;G bg;Nshkhf;fspd; vz;. | - | - | - |
| c. gl;lg;gbg;G epfo;r;rpfspd; vz;. | - | 03 | 50 |
| d. bg;Nshkh epfo;r;rp jpl;lq;fspd; vz;. | - | - | - |
| e. rhd;wpjo; epfo;r;rp jpl;lq;fspd; vz;. | 01 | 05 | - |
| f. Vidait | 68 | 02 | 52 |
| nkhj;jk; | **71** | **14** | **102** |

**,aw;if tpQ;Qhd gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| **tplak;** | **fye;Jnfhz;lit** | **epiwTnra;jit** | **rkh;gpj;jit** |
| a. gl;lg;gpd;gbg;G epfo;r;rpfspd; vz;. | 01 |  |  |
| b. gl;lg;gpd;gbg;G bg;Nshkhf;fspd; vz;. |  |  |  |
| c. gl;lg;gbg;G epfo;r;rpfspd; vz;. |  |  |  |
| d. bg;Nshkh epfo;r;rp jpl;lq;fspd; vz;. |  |  |  |
| e. rhd;wpjo; epfo;r;rp jpl;lq;fspd; vz;. | 02 | 02 |  |
| f. Vidait | 31 | 05 | 06 |
| nkhj;jk; | **34** | **07** | **06** |

1. **ngwg;gl;l tpUJfspd; tpguk;**

**fy;tpg; gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| tplak; | tpUJfspd; vz;. | fy;tpahsh;fspd; vz;. | khzth;fspd; vz;. |
| a. cs;Sh; tpUJfs; | 02 | 07 | 38 |
| b. Njrpa tpUJfs; | - | - | - |
| c. rh;tNjr tpUJfs; | - | - | - |
| d. Vidait | - | - | - |
| nkhj;jk; | **02** | **07** | **38** |

**,aw;if tpQ;Qhd gPlk;**

|  |  |  |  |
| --- | --- | --- | --- |
| tplak; | tpUJfspd; vz;. | fy;tpahsh;fspd; vz;. | khzth;fspd; vz;. |
| a. cs;Sh; tpUJfs; | 01 | 01 |  |
| b. Njrpa tpUJfs; | 06 | 04 |  |
| c. rh;tNjr tpUJfs; | 01 | 01 |  |
| d. Vidait |  |  |  |
| nkhj;jk; | **08** | **06** |  |

**12.1 njhlf;fg;gl;l Gjpa ghlnewpfspd; tpguq;fs; : (2011 ,y; Muk;gpf;fg;gl;lJ)**

**fy;tpg; gPlk;**

|  |  |  |  |  |  |  |  |  |
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| **gPlk;** | **fw;ifnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| ,.%.f.Jiw | gy ju fw;gpj;jypy; FWq;fw;if  (2013 ,y; Muk;gkhdJ) | rp/j |  |  |  |  |  |  |
| tp.Nj.f.Jiw | tpNrl Njitfs; fy;tpapy; fy;tp ,skhdp | M |  |  | gl;lk; |  |  |  |
| nkhj;jk; | **02** |  |  |  |  |  |  |  |

**nghwpapay; njhopy;El;g gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **fw;ifnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **gl;lk;** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| nghwpapay; njhopy;El;gk; | **rptpy; nghwpapay; Jiw** | | | | | | | | |
| CEX4238 | Mq;fpyk; |  | Mk; | Mk; |  |  |  |  |
| **[Typ kw;Wk; Milj; njhopy;El;gj; Jiw** | | | | | | | | |
| TTI5148 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| TTI5154 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| TTJ4247 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTX5251 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| TTX4255 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTI7153 | Mq;fpyk; |  |  |  | Mk; |  |  |  |
| TTY7692 | Mq;fpyk; |  |  |  | Mk; |  |  |  |
| **nkhj;jk;** | **08** | **01** | **--** | **03** | **04** | **02** | **--** | **--** | **--** |

**khDltpay; kw;Wk; r%ftpQ;Qhd gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **fw;ifnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **gl;lk;** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| khrtp | jj;.KJ> fyhepjp NjUdh;fSf;fhd Muha;r;rpKiw |  |  |  |  |  |  |  |  |
|  | LL.M Fw;wtpay; ePjp |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **nkhj;jk;** |  |  |  |  |  |  |  |  |  |

**,aw;if tpQ;Qhd gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **fw;ifnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **gl;lk;** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| ,aw;if tpQ;Qhdk; | kUe;jhf;ftpaypy; ,skhdp | Mq;fpyk; |  |  | x |  |  |  |  |
| kUj;Jt Ma;T$l tpQ;Qhdj;jpy; ,skhdp | Mq;fpyk; |  |  | x |  |  |  |  |
| PYU3172 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU4113 | Mq;fpyk; |  |  | x |  |  |  |  |
| jhtu ,isa tsh;g;gpy; rhd;wpjo; fw;if | Mq;fpyk; | x |  |  |  |  |  |  |
| ZLU4286-Ornithology | Mq;fpyk; |  |  | x |  |  |  |  |
| ZLU4180-G+r;rp> G+r;rp guTjy; fl;Lg;ghl;bd; Kfhikj;Jtk; | Mq;fpyk; |  |  | x |  |  |  |  |
| ZLU3189-Paleobiology | Mq;fpyk; |  |  | x |  |  |  |  |
| **nkhj;jk;** |  |  | **01** |  | **07** |  |  |  |  |

* 1. **Neuiy ,izg;G epfo;r;rpj;jpl;lq;fspd; tpguq;fs;**

**fy;tpg; gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **,izaj;js ghlnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** | **khzth;fspd; vz;.** |
| ,%f Jiw | ESP 2242  ESP 2204  ESE 4242 | M |  |  |  |  |  |  |  |
| rpMf Jiw | ESP1230 | M |  | 01 |  |  |  |  |  |
| tpNjf Jiw | ESP 2136 | M |  |  | PGD |  |  |  |  |
| nkhj;jk; | 04 |  |  | 01 |  |  |  |  |  |

**nghwpapay; njhopy;El;g gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **,izaj;js ghlnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **,skhdp** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| nghwpapay; njhopy;El;gk; | **rptpy; nghwpapay; Jiw** | | | | | | | | |
| CEX4231 | Mq;fpyk; |  | Mk; | Mk; |  |  |  |  |
| CEX4232 | Mq;fpyk; |  | Mk; | Mk; |  |  |  |  |
| CEX4235 | Mq;fpyk; |  | Mk; | Mk; |  |  |  |  |
| CEX4236 | Mq;fpyk; |  | Mk; | Mk; |  |  |  |  |
| CEX6332 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| CEX7107 | Mq;fpyk; |  |  |  | Mk; |  |  |  |
| CEX7111 | Mq;fpyk; |  |  |  | Mk; |  |  |  |
| **nkfhdpafy; nghwpaapy; Jiw** | | | | | | | | |
| MEK3170 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| MEX3273 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| MEX5270 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEX5271 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEX5272 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEX6270 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEX6271 | Mq;fpyk; |  |  |  |  |  |  |  |
| MEX6272 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEX6334 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEK5201 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| MEM5336 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| [MEX3174](http://ousl.nodes.lk/course/view.php?id=669) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX3211](http://ousl.nodes.lk/course/view.php?id=666) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX3212](http://ousl.nodes.lk/course/view.php?id=614) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX3235](http://ousl.nodes.lk/course/view.php?id=583) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX3271](http://ousl.nodes.lk/course/view.php?id=498) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX4233](http://ousl.nodes.lk/course/view.php?id=367) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX4243](http://ousl.nodes.lk/course/view.php?id=540) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX4272](http://ousl.nodes.lk/course/view.php?id=627) | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| [MEX5230](http://ousl.nodes.lk/course/view.php?id=584) | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| [MEX5231](http://ousl.nodes.lk/course/view.php?id=514) | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| [MEX5233](http://ousl.nodes.lk/course/view.php?id=545) | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| [MEX6330](http://ousl.nodes.lk/course/view.php?id=289) | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| [MEX6335](http://ousl.nodes.lk/course/view.php?id=645) | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| **[Typ kw;Wk; Milj; njhopy;Elgj; Jiw** | | | | | | | | |
| TTX4255 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTZ4241 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTI3243 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTM4239 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTX6239 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| TTI5243 | Mq;fpyk; |  |  | Mk; |  |  |  |  |
| TTI3235 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTX4232 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| TTX4233 | Mq;fpyk; |  | Mk; |  |  |  |  |  |
| **nkhj;jk;** | **40** |  |  | **11** | **07** | **02** |  |  |  |

**khDltpay; kw;Wk; r%ftpQ;Qhd gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **,izaj;js ghlnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **,skhdp** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| khrtp | LSD:  LSD/206 (Jiz) | Mq;fpyk; |  |  |  |  |  |  |  |
|  | MSD:  rfy fw;ifnewpfs;: ,izaj;js Jiz | Mq;fpyk; |  |  |  |  |  |  |  |
|  | Jiz rh;tNjr re;ijg;gLj;jy; | Mq;fpyk; |  |  |  |  |  |  |  |
|  | Jiz Gjpa Jfhikj;Jtk; | Mq;fpyk; |  |  |  |  |  |  |  |
|  | Jiz cgha KKfhikj;Jtk; | Mq;fpyk; |  |  |  |  |  |  |  |
|  | %lypy; xU ghlk; mgptpUj;jp nra;ag;gl;lJ | Mq;fpyk; |  |  |  |  |  |  |  |
|  | LWU 1411 | Mq;fpyk; |  |  |  |  |  |  |  |
|  | LWU 2313 | Mq;fpyk; |  |  |  |  |  |  |  |
|  | LWU 3311 | Mq;fpyk; |  |  |  |  |  |  |  |
|  | LWU 3314 | Mq;fpyk; |  |  |  |  |  |  |  |
|  | LWU 3315 | Mq;fpyk; |  |  |  |  |  |  |  |
|  | LWU 4321 | Mq;fpyk; |  |  |  |  |  |  |  |
| **nkhj;jk;** | **12** |  |  |  |  |  |  |  |  |

**,aw;if tpQ;Qhd gPlk;**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **gPlk;** | **,izaj;js ghlnewp** | **nkhop** | **rhd;wpjo;** | **bg;Nshkh** | **,skhdp** | **gl;lg;gpd;gbg;G bg;Nshkh** | **KJkhdp** | **jj;.KJ** | **fyhepjp** |
| ,aw;iftpQ;Qhdk; | fw;wYk; fw;gpj;jYk; | Mq;fpyk; |  |  | x |  |  |  |  |
| jhjpapaypy; Muha;r;rp | Mq;fpyk; |  |  | x |  |  |  |  |
| Muk;g Rfhjhu guhkhpg;G 11 | Mq;fpyk; |  |  | x |  |  |  |  |
| rpNu\;l ftdk; nrYj;jy; | Mq;fpyk; |  |  | x |  |  |  |  |
| Medical Terminology communication & Ethics | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU2101 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU2103 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU2200 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU3102 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU3106 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU3209 | Mq;fpyk; |  |  | x |  |  |  |  |
| BOU3108 | Mq;fpyk; |  |  | x |  |  |  |  |
| PSD1301 | Mq;fpyk; |  | x |  |  |  |  |  |
| PSD1302 | Mq;fpyk; |  | x |  |  |  |  |  |
| PSD1303 | Mq;fpyk; |  | x |  |  |  |  |  |
| PSD1304 | Mq;fpyk; |  | x |  |  |  |  |  |
| CMU2122 | Mq;fpyk; |  |  | x |  |  |  |  |
| CMU3122 | Mq;fpyk; |  |  | x |  |  |  |  |
| CMU3134 | Mq;fpyk; |  |  | x |  |  |  |  |
| CMU3235 | Mq;fpyk; |  |  | x |  |  |  |  |
| LWU1161 | Mq;fpyk; |  |  | x |  |  |  |  |
| CMU2220 | Mq;fpyk; |  |  | x |  |  |  |  |
| CMU3130 | Mq;fpyk; |  |  | x |  |  |  |  |
| CMU1220 | Mq;fpyk; |  |  | x |  |  |  |  |
| CPU2242- Object Oriented Programming Using C++ & Java | Mq;fpyk; |  |  | x |  |  |  |  |
| PUU2142 – Linear Algebra | Mq;fpyk; |  |  | x |  |  |  |  |
| APU2144 – Applied Linear Algebra & Differential Equations | Mq;fpyk; |  |  | x |  |  |  |  |
| APU3143 – Mathematical Methods | Mq;fpyk; |  |  | x |  |  |  |  |
| APU2142 - Newtonian Mechanics I | Mq;fpyk; |  |  | x |  |  |  |  |
| PUU2144 - Group Theory I | Mq;fpyk; |  |  | x |  |  |  |  |
| **Supplemental**  ZLU1280, ZLU1181, ZLU2181, ZLU2182, ZLU3182, ZLU3184 ZLU4180, ZLU4182 | Mq;fpyk; |  |  | x |  |  |  |  |
| **Supplemental**  ZOP2101, ZOP2102 | Mq;fpyk; |  |  |  |  | x |  |  |
| **nkhj;jk;** |  |  |  | **04** | **27** |  | **01** |  |  |

**13. kPz;nlOk; nrytpd tpguq;fs;** :

|  |  |  |
| --- | --- | --- |
| tplak; | 2012 &gh | 2013 &gh |
| m. rk;gsq;fs; | 696,823,441.79 | 839,747,068.09 |
| M. Nghf;Ftuj;J | 3,102,591.19 | 5,912,024.12 |
| ,. tpdpNahfk; | 35,223,961.86 | 48,758,963.33 |
| <. guhkhpg;G | 22,264,871.60 | 30,067,860.63 |
| c. xg;ge;j Nritfs; | 139,176,756.00 | 209,222,300.99 |
| C. Vidait | 79,281,529.82 | 143,906,811.37 |
| **nkhj;jk;** | **975,873,152.26** | **1,277,615,028.53** |

**14. %yjd nrytpd tpguq;fs; :**

|  |  |  |
| --- | --- | --- |
| tplak; | 2012 &gh | 2013 &gh |
| m)jsghlq;fSk; mYtyf cgfuzq;fSk; jsghlKk; nfhs;tdT | 56,165,711.26 | 67,737,831.49 |
| M) ,ae;jpuq;fspd; nfhs;tdT | 3,474,718.53 | 5,055,599.20 |
| ,)fl;blq;fSk; fl;likg;GfSk; ngWiffs; | 34,867,764.83 | 85,937,718.26 |
| <)Vidait (Ehyf Gj;jfk;> fbfhuk;> Nkhlhh; thfdk;) | 14,900,353.55 | 14,615,211.85 |
| nkhj;jk; | **109,408,547.97** | **173,346,360.80** |

**15. nraw;jpl;lq;fspd; tpguq;fs; : (cs;ehl;L/ntspehl;L epjpaplg;gl;lJ):**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ngaUk; tpguKk; | fld; /khdpak; | epjpaly; Kftu; | TEC &gh. | RFA &gh. | DF &gh. |
| MDG,w;fhd Kidg;G miltjpy; COL/ODL |  | - | 93,402.67 | - | 144,714.74 |
| COL/ju cj;juthj mgptpUj;jp |  | - | - | 183,287.75 | 183,287.75 |
| COL/Muha;r;rp gbg;Gfs; |  | - | - | 27,915.00 | 27,915.00 |
| COL/tptrha rKfj;jpy; ngz;fspd; mjpfhuk; |  | 1,427,500.00 | - | 11,355.00 | 497,572.00 |
| COL/jpwe;j fy;tp tsq;fs; gapw;rpg;gl;liw |  | 1,697,532.00 | - | - | 1,072,158.74 |
| COL/Mrphpa fw;gpg;Nghhpd; jpwd; fl;bnaOg;Gjy; fl;lk; 11 |  | 660,000.00 | - | - | 206,031.25 |
| COL/j.njh ,y; tptrha tphpthf;f mYtyh;fspd; jpwd; fl;bnaOg;Gjy; |  | 1,506,000.00 | - | - | 450,839.04 |
| COL/Mrphpa fw;gpg;Nghhpd; jpwd; fl;bnaOg;Gjy; |  | 1,234,000.00 | - | - | 1,002,709.60 |
| G.M.K.B. FzNfuj; - Njtpk |  | 495,000.00 | 323,316.15 | - | 323,316.15 |
| V.P.S. ngNuuh - Njtpk |  | 720,000.00 | 262,217.00 | - | 262,217.00 |
| H.L.D. tPuN`thRG/2012/AG/04 |  | 1,462,500.00 | - | - | - |
| N. vjphprpq;f - Njtpk(RG/2011/EQ/18) |  | 1,400,000.00 | - | - | - |
| N. tPuf;nfhb  (RG/2012/AG/02) |  | 1,000,032.00 | - | - | - |
| S.tPuf;Nfhd;  (RG/2011/BT/06) |  | 2,286,492.00 | - | 593,950.66 | 593,950.66 |

|  |
| --- |
| **\* TEC - nkhj;j fpua kjpg;gPL** |
| **\* DF- cs;ehl;L epjp** |
|  |

**16. nraw;jpl;lr; nrytpdk; (cs;ehl;L/ntspehl;L epjpaplg;gl;lJ)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ngah;** | **TEC &gh.** | **2012 ,y; nryT &gh** | **2013 ,y; nryT &gh** | **31.12.2013,y; cs;sthwhd jpul;ba nryT** | **ngsjPf Kd;Ndw;w %** |
| MDG,w;fhd Kidg;G miltjpy; COL/ODL | khdpak; | nghJeytha fw;wy; | - | - | - |
| COL/ju epUda mgptpUj;jp | NkNy | NkNy | - | - | - |
| COL/Muha;r;rp gbg;Gfs; | NkNy | NkNy | - | - | - |
| COL/tptrha rKfj;jpy; khjh;fspd; mjpfhuk; | NkNy | NkNy | 1,427,500.00 | - | - |
| COL/jpwe;j fy;tp tsq;fs; gapw;rpg;gl;liw | NkNy | NkNy | 1,697,532.00 | - | - |
| COL/Mrphpa fy;tpahshpd; jpwd; fl;bnaOg;gy; fl;lk; 11 | NkNy | NkNy | 660,000.00 | - | - |
| COL/jnjh ,y; Vw;Wkjp tptrha tphpthf;f cj;jpNahfj;jh;fSf;fhd jpwd; fl;bnaOg;Gjy; | NkNy | NkNy | 1,506,000.00 | - | - |
| COL/ Mrphpa fy;tpahshpd; jpwd; fl;bnaOg;gy; | NkNy | NkNy | 1,234,000.00 | - | - |
| G.M.K.B. FdN`uj; - Njtpk | NkNy | Njrpa tpQ;Qhd kd;wk; | 495,000.00 | - | - |
| V.P.S. ngNuuh - Njtpk | NkNy | NkNy | 720,000.00 | - | - |
| H.L.D. tPuN`th RG/2012/AG/04 | NkNy | NkNy | 1,462,500.00 | - | - |
| N. vjphprpq;f - Njtpk (RG/2011/EQ/18) | NkNy | NkNy | 1,400,000.00 | - | - |
| N. tPuf;nfhb RG/2012/AG/02) | NkNy | NkNy | 1,000,032.00 | - | - |
| S. tPuf;Nfhd; (RG/2011/BT/06) | NkNy | NkNy | 2,286,492.00 | - | - |

**17. epjp Kd;Ndw;wq;fspd; tpguq;fs; (nrytpdk;)**

|  |  |  |  |
| --- | --- | --- | --- |
| tplak; | 2013,w;fhd Vw;ghL (&gh.) | 2013 ,y; nryT (&gh.) | Nrkpg;G/kpif (&gh.) |
| a. fUj;jpl;lk; jtph;e;j kPnsOgit | 1,376,180,000.00 | 1,277,615,028.53 |  |
| b. fUj;jpl;lk; jtph;e;j %yjdk; | 138,843,000.00 | 173,738,785.95 |  |
| c. fUj;jpl;lk – cs;ehl;L epjpaply; | -- | -- |  |
| d. fUj;jpl;lk- ntspehl;L epjpaply; | -- | -- |  |
| **Total** | **1,515,023,000.00** | **1,451,353,814.48** |  |

**18. epjp Kd;Ndw;wq;fspd; tpguq;fs; (nghJ tUkhdk;)**

|  |  |  |  |
| --- | --- | --- | --- |
| Source of Revenue | 2013 ,w;fhd Vw;ghL (&gh.) | 2013 ,y; Nrfhpg;Gfs; (&gh.) | Fiw/kpif (&gh.) |
| a. ,skhdp fw;iffs; | 464,033,000.00 | 394,741,282.00 |  |
| b. gl;lg;gpd;gbg;G fw;iffs; |  | 123,106,181.00 |  |
| c. MNyhridfs; | -- | -- |  |
| d. Vidait |  | -- |  |
| **nkhj;jk;** | **464,033,000.00** | **517,847,463.00** |  |

**19. epjprhh; nrayhw;wy; gFg;gha;T – 2013**

|  |  |  |
| --- | --- | --- |
| tUkhd %yk; | #j;jpuk; | xU khztDf;fhd nryT &gh. |
| a. xU khztDf;fhd kPnsOk; nryT | RE/khzth;fspd; vz;. | 33,363.32 |
| b. xU khztDf;fhd kPnsOk; nryT | RE/ khzth;fspd; vz;. | 4,105.06 |
| **nkhj;jk;** |  | **37,468.38** |

1. **2012 ,y; ngwg;gl;l cl;fl;likg;G trjpfs; : &gh. 26,000,000.00**

|  |  |  |
| --- | --- | --- |
| **cl;fl;likg;G tpguq;fs;** | **nryT &gh** | **ngsjPf Kd;Ndw;wk;** |
| nfhOk;G gpuhe;jpa epiya fl;blk; | 27,636,338.13 | epiwtile;jJ |
| ghPl;ir $lk; - 4 | 4,693,726.40 |  |
| ghPl;ir $lk;– 5 | 10,263,442.52 | nraw;ghl;by; cs;sJ |
| gpujhd fsQ;rpak; | 182,220.00 |  |
| Gjpa tpLjp fl;blk; | 1,400,000.00 |  |
| **nkhj;jk;** | **44,175,727.05** |  |

1. **,t;twpf;ifAld; njhlu;Ggl;l VjhtJ NtW tpguq;fs;/nrayhw;wy;**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **,yq;if jpwe;j gy;fiyf;fofk;** | | | | | | | | | | | | | | | | | |
| **,Wjpf; fzf;Ffs; - 2013** | | | | | | | | | | | | | | | | | |
| **31.12.2013 ,y; cs;sthwhd epjp epiyikf; $w;W** | | | | | | | | | | | | | | | | | |
|  | |  | | |  | |  | | | | |  | |  | | | |
|  | | **Fwpg;G** | | |  | | **31.12.2012** | | | | |  | | **31.12.2013** | | | |
|  | |  | | |  | | **(&gh.)** | | | | |  | | **(&gh.)** | | | |
|  | |  | | |  | | ***(kPsf;fhl;baJ)*** | | | | |  | |  | | | |
| **nrhj;Jf;fs;** | |  | | |  | |  | | | | |  | |  | | | |
| **eilKiwr; nrhj:jf;fk;** | |  | | |  | |  | | | | |  | |  | | | |
| tq;fpapy; fhR | | **1** | | |  | | 89,104,090.66 | | | | |  | | 106,962,049.41 | | | |
| ifapy; fhR | |  | | |  | | 87,773.10 | | | | |  | | 55,850.90 | | | |
| ngwNtz;baitfs; | | **2** | | |  | | 165,161,681.78 | | | | |  | | 235,121,533.89 | | | |
| nghUspUg;Gfs; | | **3** | | |  | | 139,205,368.45 | | | | |  | | 142,545,373.36 | | | |
| Kw;gzKk; Kw;nfhLg;gdTk; | | **4** | | |  | | 12,096,444.00 | | | | |  | | 11,179,110.10 | | | |
| flz;fSk; Kw;nfhLg;gdTfSk; | | **5** | | |  | | 68,084,630.24 | | | | |  | | 67,195,166.92 | | | |
| **nkhj;j eilKiw nrhj;Jf;fs;** | | | | |  | | 473,739,988.23 | | | | |  | | 563,059,084.58 | | | |
|  | | | | | | | | | | | | | | | | | |
| **eilKiw nrhj;Jf;fs; my;yhjit** | |  | | |  | |  | | | | |  | |  | | | |
| Mjdk;> nghwpj; njhFjp kw;Wk; cgfuzk; | | **6** | | |  | | 8,637,555,021.25 | | | | |  | | 8,214,420,749.05 | | | |
| %yjd eilngWk; Ntiyfs; | | **7** | | |  | | 52,102,196.46 | | | | |  | | 20,719,750.58 | | | |
| KjyPLfs; | | **8** | | |  | | 313,421,635.54 | | | | |  | | 522,651,005.03 | | | |
| **nkhj;j eilKiw nrhj;Jf;fs; my;yhjit** | | | | |  | | 9,003,078,853.25 | | | | |  | | 8,757,791,504.66 | | | |
|  | |  | | |  | |  | | | | |  | |  | | | |
| **nkhj;j nrhj;Jf;fs;** | | | | |  | | **9,476,818,841.48** | | | | |  | | **9,320,850,589.24** | | | |
|  | |  | | |  | |  | | | | |  | |  | | | |
| **nghWg;Gf;fs;** | |  | | |  | |  | | | | |  | |  | | | |
| **eilKiw nghWg;Gfs;** | |  | | |  | |  | | | | |  | |  | | | |
| nrYj;j Ntz;ba itg;gPL | | **9** | | |  | | 34,484,821.49 | | | | |  | | 38,314,013.18 | | | |
| nrYj;j Ntz;baitfs; | | **10** | | |  | | 11,091,837.40 | | | | |  | | 16,521,972.83 | | | |
| thbf;ifahshplkpUe;J Kw;gzk; - gy;fiyf;fof mr;rfk; | |  | | |  | | 1,774,769.11 | | | | |  | | 2,203,342.68 | | | |
| Kw;gzkhf FWq;fw;ifspy; ,Ue;J tUkhdk; | | **11** | | |  | | 19,680,819.80 | | | | |  | | 28,672,567.02 | | | |
| Kw;gzkhf ngwg;gl;l fy;tpf; fl;lzk; | |  | | |  | | 95,061,018.00 | | | | |  | | 71,476,023.00 | | | |
| Nrh;e;j nrytpdk; | | **12** | | |  | | 63,631,421.56 | | | | |  | | 68,573,058.61 | | | |
| **nkhj;j eilKiw nghWg;Gfs;** | | | | |  | | 225,724,687.36 | | | | |  | | 225,760,977.32 | | | |
|  | |  | | |  | |  | | | | |  | |  | | | |
| **eilKiw nghWg;Gfs; my;yhjit** | |  | | |  | |  | | | | |  | |  | | | |
| CERC epjp | |  | | |  | | 12,210,875.88 | | | | |  | | 13,793,961.99 | | | |
| tpNrl epjpfs; (kPsfhl;lg;gl;lJ) | | **13** | | |  | | 153,803,480.27 | | | | |  | | 175,062,846.04 | | | |
| gzpf; nfhilf;fhd Vw;ghL | | **14** | | |  | | 231,158,378.75 | | | | |  | | 249,511,927.50 | | | |
| **eilKiw nghWg;Gfs; my;yhj nkhj;jk;** | | | | |  | | 397,172,734.90 | | | | |  | | 438,368,735.53 | | | |
|  | |  | | |  | |  | | | | |  | |  | | | |
| **nkhj;j nghWg;Gfs;** | | | | |  | | **622,897,422.26** | | | | |  | | **664,129,712.85** | | | |
| **Njwpa nrhj;Jf;fs;** | | | | |  | | **8,853,921,419.22** | | | | |  | | **8,656,720,876.39** | | | |
|  | |  | | |  | |  | | | | |  | |  | | | |
| **Njwpa nrhj;J /chpikahz;ik** | |  | | |  | |  | | | | |  | |  | | | |
| nrytopj;j %yjd khdpak; | | **15** | | |  | | 205,984,411.78 | | | | |  | | 237,608,200.55 | | | |
| ntsp khdpaj;jpypUe;J %yjd ntspr;nry;yy; gq;fspg;G | | **16** | | |  | | 6,138,082.12 | | | | |  | | 7,113,721.87 | | | |
| jnjh mgptpUj;jpf;fhd gkhM tpd; khdpak; | |  | | |  | | 3,786,066.54 | | | | |  | | 1,836,950.87 | | | |
| ntspehl;L cjtp - Clf tPL | |  | | |  | | 12,937,500.00 | | | | |  | | 0.00 | | | |
| ed;nfhilfs; | | **17** | | |  | | 1,393,973,290.97 | | | | |  | | 1,034,055,588.37 | | | |
| nghJ Xjf;fk; | |  | | |  | | 24,795,834.72 | | | | |  | | 169,800,181.64 | | | |
| kWkjpg;gPl;L Nkyjpfk; | |  | | |  | | 7,206,306,233.09 | | | | |  | | 7,206,306,233.09 | | | |
| **nkhj;j Njwpa nrhj;J /chpikahz;ik** | | | | |  | | **8,853,921,419.22** | | | | |  | | **8,656,720,876.39** | | | |
| **,yq;if jpwe;j gy;fiyf;fofk;** | | | | | | | | | | | | | | | |
| **,Wjpf; fzf;Ffs; - 2013** | | | | | | | | | | | | | | | |
| **31.12.2013 ,y; epiwtile;j Mz;Lf;fhd epjp tpisTfspd; $w;W** | | | | | | | | | | | | | | | |
|  | |  | | | | |  |  | | | |  | |  | |
|  | | **Fwpg;G** | | | | |  | **31.12.2012** | | | |  | | **31.12.2013** | |
|  | |  | | | | |  | **(&gh.)** | | | |  | | **(&gh.)** | |
|  | |  | | | | |  | ***(kPsf;fhl;baJ)*** | | | |  | |  | |
| **tUkhdk;** | |  | | | | |  |  | | | |  | |  | |
| kPz;nlOk; nrytpdj;jpw;fhd murhq;f khdpak; | |  | | | | |  | 663,100,000.00 | | | |  | | 844,715,000.00 | |
| KjyPLfspy; ,Ue;J tl;b | | **18** | | | | |  | 26,478,613.40 | | | |  | | 32,479,879.70 | |
| fld; kw;Wk; Kw;gzq;fspypUe;jhd tl;b | |  | | | | |  | 2,589,330.38 | | | |  | | 2,703,143.25 | |
| gjpTf; fl;lzq;fs | |  | | | | |  | 7,573,083.00 | | | |  | | 10,656,040.00 | |
| khzth;fs; tUkhdk; | | **19** | | | | |  | 305,469,236.52 | | | |  | | 609,989,376.61 | |
| guPl;irf; fl;lzq;fs;/ rhd;wpjo; fl;lzq;fs; | |  | | | | |  | 202,650.00 | | | |  | | 612,436.00 | |
| E}yf jz;lg;gzk; | |  | | | | |  | 335,978.75 | | | |  | | 419,146.25 | |
| tpLjpf; fl;lzq;fs; | |  | | | | |  | 591,725.00 | | | |  | | 937,910.00 | |
| Fiwepug;Gf; fl;lzq;fs; | |  | | | | |  | 6,073,300.00 | | | |  | | 4,608,032.00 | |
| gpizKwp kpwy;fspypUe;jhd tUkhdk | |  | | | | |  | 12,075,116.81 | | | |  | | 9,741,899.44 | |
| FWfpa fhy ghlnewp kw;Wk; Vida tsq;fspypUe;jhd tUkhdk; | | **20** | | | | |  | 32,223,108.69 | | | |  | | 29,302,555.16 | |
| gpuRuq;fspd; tpw;gid | |  | | | | |  | 1,361,600.00 | | | |  | | 1,969,400.00 | |
| tpz;zg;g gj;jpuq;fspd; tpw;gid | |  | | | | |  | 12,411,434.21 | | | |  | | 30,835,521.90 | |
| ntspaPLfspd; tpw;gid | |  | | | | |  | 0.00 | | | |  | | 375.00 | |
| thfdq;fspd; thliff; fl;lzk; | |  | | | | |  | 150,521.78 | | | |  | | 447,035.23 | |
| Mjdq;fspypUe;jhd Fj;jif | |  | | | | |  | 1,364,526.89 | | | |  | | 5,689,986.00 | |
| gioa fsQ;rpaq;fspd; tpw;gid | |  | | | | |  | 33,975.84 | | | |  | | 0.00 | |
| ehdhtpj tUkhdk; | | **21** | | | | |  | 8,827,335.61 | | | |  | | 4,750,466.84 | |
| ed;nfhil kw;Wk; %yjd nrytPl;L fld;fopg;G | |  | | | | |  | 659,250,947.31 | | | |  | | 392,534,362.62 | |
| %yjd khdpa fld;fopg;G- nrytpl;lJ | |  | | | | |  | 41,582,449.34 | | | |  | | 42,526,211.23 | |
| **nkhj;j tUkhdk;** | |  | | | | |  | **1,781,694,933.53** | | | |  | | **2,024,918,777.23** | |
|  | |  | | | | |  |  | | | |  | |  | |
| **nrytpdk;** | |  | | | | |  |  | | | |  | |  | |
| nghJ epu;thfk; kw;Wk; cj;jpNahfj;ju; Nritfs | |  | | | | |  | 184,887,565.30 | | | |  | | 220,422,169.97 | |
| ngWkhdj; Nja;T | |  | | | | |  | 715,853,087.98 | | | |  | | 596,480,633.00 | |
| fy;tprhu; Nritfs; | |  | | | | |  | 657,548,286.91 | | | |  | | 898,491,968.46 | |
| fw;gpj;jy; tsq;fs; | |  | | | | |  | 56,721,689.98 | | | |  | | 61,416,893.53 | |
| Rfhjhu Nritfs | |  | | | | |  | 2,142,079.52 | | | |  | | 2,595,930.15 | |
| fhzp kw;Wk; fl;blq;fspd; guhkupg;G | |  | | | | |  | 26,051,156.36 | | | |  | | 34,198,990.73 | |
| Jiz eltbf;iffs; | |  | | | | |  | 48,522,374.19 | | | |  | | 60,489,075.69 | |
| **nkhj;j nrytpdk;** | |  | | | | |  | **1,691,726,240.24** | | | |  | | **1,874,095,661.53** | |
| **,f;fhyj;Jf;fhd Nkyjpfk; / (Fiw)** | |  | | | | |  | **89,968,693.29** | | | |  | | **150,823,115.70** | |
| FWq;fw;if epjpfspd; gfph;e;jspg;G | | **22** | | | | |  | (9,112,984.67) | | | |  | | (5,818,768.78) | |
|  | |  | | | | |  | **80,855,708.62** | | | |  | | **145,004,346.92** | |
| **,yq;if jpwe;j gy;fiyf;fofk;** | | | | | | | | | | | | | | |
| **,Wjpf; fzf;Ffs; - 2013** | | | | | | | | | | | | | | |
| **31. jprk;gh; 2013 ,y; Kbtile;j Mz;Lf;fhd epjptpisTfspd; $w;W** | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |
|  | | |  | |  | | | |  |  | | | | |
| **jd;ikapd; mbg;gilapyhd nryTfspd; tifg;ghL** | | | | | | | | | | | | | | |
|  | | |  | |  | | | |  |  | | | | |
|  | | |  | | **&gh.** | | | |  | **&gh.** | | | | |
|  | | |  | | **2012** | | | |  | **2013** | | | | |
|  | | |  | | ***(kPsf;fhl;baJ)*** | | | |  |  | | | | |
| **njhopw;gL tUkhdk;** | | |  | |  | | | |  |  | | | | |
| kPnsOk; khdpak; | | |  | | 663,100,000.00 | | | |  | 844,715,000.00 | | | | |
| md;gspg;Gfspd; fld;jPh;epjp | | |  | | 659,250,947.31 | | | |  | 392,534,362.62 | | | | |
| %yjd khdpaj;jpd; fld;jPh;epjp | | |  | | 41,582,449.34 | | | |  | 42,526,211.23 | | | | |
| Vida tUkhdk; | | |  | | 385,538,428.19 | | | |  | 715,949,707.22 | | | | |
| Vida epjpfs; | | |  | | 23,110,124.02 | | | |  | 23,483,786.38 | | | | |
| **nkhj;j njhopw;gL tUkhdk;** | | |  | | 1,772,581,948.86 | | | |  | 2,019,209,067.45 | | | | |
| **njhopw;gL nryTfs;** | | |  | |  | | | |  |  | | | | |
| rk;gsk; | | |  | | 696,823,441.79 | | | |  | 839,874,927.11 | | | | |
| Nghf;Ftuj;J | | |  | | 3,102,591.19 | | | |  | 5,912,024.10 | | | | |
| tpdpNahfKk; ghtpj;jitfSk; | | |  | | 35,223,961.86 | | | |  | 48,758,963.33 | | | | |
| guhkhpg;G | | |  | | 22,264,871.60 | | | |  | 30,067,860.63 | | | | |
| xg;ge;j Nritfs; | | |  | | 139,068,001.63 | | | |  | 209,222,500.99 | | | | |
| Muha;r;rpAk; mgptpUj;jpAk; | | |  | | 6,034,280.59 | | | |  | 9,501,985.80 | | | | |
| Nja;Tk; fld;fopj;jYk; | | |  | | 715,853,087.98 | | | |  | 596,480,633.00 | | | | |
| Vida njhopw;gL nryTfs; | | |  | | 73,247,249.23 | | | |  | 133,988,185.84 | | | | |
| **nkhj;j njhopw;gL nryTfs;** | | |  | | 1,691,617,485.87 | | | |  | 1,873,807,080.80 | | | | |
| **njhopw;gL nraw;ghLfspy; ,Ue;jhd Nkyjpfk; / (Fiw)** | | |  | | 80,964,462.99 | | | |  | 145,401,986.65 | | | | |
| epjpf;fpuak; | | |  | | (108,754.37) | | | |  | (397,639.73) | | | | |
| nghwp kw;Wk; cgfuz tpw;gid %yk; el;lk; | | |  | | - | | | |  |  | | | | |
| nkhj;j njhopw;glh tUkhdk; (nryT) | | |  | | - | | | |  |  | | | | |
| Vida rhjhud tplaq;fSf;F Kd;djhd Njwpa Nkyjpfk; / (Fiw) | | |  | | 80,855,708.62 | | | |  | 145,004,346.92 | | | | |
| Nkyjpf rhjhud tplaq;fs; | | |  | | - | | | |  |  | | | | |
| **,f;fhyg; gFjpf;fhd Njwpa Nkyjpfk; / (Fiw)** | | |  | | **80,855,708.62** | | | |  | **145,004,346.92** | | | | |

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| **,yq;if jpwe;j gy;fiyf;fofk;** | | |
| **2013 jpnrk;gu; 31 ,y; Kbtile;j Mz;bw;fhd fhRg;gha;r;ry; $w;W** | | |
|  | **2012** | **2013** |
|  | **(&gh)** | **(&gh)** |
|  | ***(Restated)*** |  |
| **nraw;ghl;L eltbf;ifapypUe;jhd fhRg;ga;r;ry;** |  |  |
| rhjhuz eltbf;iffspypUe;jhd kpiffs; / (Fiwfs;) | 80,855,709 | 145,004,347 |
| **fhry;yhj mirTfs;** |  |  |
| ngWkhdj;Nja;T | 715,853,088 | 596,480,633 |
| gzpf;nfhilf;fhd Vw;ghL | 27,067,396 | 27,529,380 |
| %yjd khdpaj;jpd; fld;jPh;epjp | (41,582,449) | (42,526,211) |
| md;gspg;Gfspd; fld;jPh;epjp | (659,250,948) | (392,534,363) |
| Fj;jif tl;b | - |  |
| nrhj;Jf;fs; ifjtpu;g;G kPjhd ,yhgk; | 287,500 |  |
| **njhopw;gL %yjd khw;wq;fspw;F Kd;duhd nraw;ghl;L ,yhgk;** | **23,230,296** | **333,953,786** |
| nghUspUg;Gfspy; (mjpfupg;G)/FiwTfs; | (44,637,596) | (3,340,005) |
| tpahghu kw;Wk; Vida ngwNtz;baitfspy; (mjpfupg;G) | (85,455,725) | (68,153,054) |
| nrYj;j Ntz;baitfspy; mjpfupg;G/ (FiwTfs;) | 139,960,001 | 36,290 |
|  |  |  |
| **nraw;ghl;L eltbf;ifapypUe;jhd Njwpa fhRg; gha;r;ry;** | **133,096,976** | **262,497,016** |
| **KjyPl;L eltbf;ifapypUe;jhd fhRg;gha;r;ry;** |  |  |
| Mjdk;> nghwp kw;Wk; cgfuzq;fspd; nfhs;tdT | (131,935,561) | (123,258,238) |
| Fwpj;j Nehf;fj;jpw;fhf ngwg;gl;l epjpfs; | (1,518,928) | 22,842,452 |
| KjyPLfspy; mjpfupg;G | (72,413,666) | (209,229,369) |
| gzpf;nfhilf; nfhLg;gdT | (16,524,320) | (9,175,831) |
| epiyahd nrhj;J tpw;gid kPjhd ,yhgk |  |  |
| **KjyPl;L eltbf;ifapypUe;jhd Njwpa fhRg; gha;r;ry;** | **(222,392,475)** | **(318,820,987)** |
|  |  |  |
| **epjp eltbf;iffspypUe;jhd fhRg;gha;r;y;** |  |  |
| %yjd khdpaq;fs | 59,150,000 | 74,150,000 |
| epjpf; Fj;jif nghWg;Gfspd; nfhLg;gdT |  |  |
| jnjh mgptpUj;jp epjpaj;jpw;fhf ngwg;gl;l khdpak; |  |  |
|  |  |  |
| **epjp eltbf;iffspypUe;jhd Njwpa fhRg; gha;r;ry;** | **59,150,000** | **74,150,000** |
|  |  |  |
| fhR kw;Wk; fhrpw;F rkkhditfspd; Njwpa mjpfupg;G / (gw;whf;Fiw) | (30,145,499) | 17,826,030 |
| Mz;L njhlf;fj;jpy; fhR kw;Wk; fhrpw;F rkkhditfs | 119,337,369 | 89,191,870 |
| Mz;L ,Wjpapy; fhR kw;Wk; fhrpw;F rkkhditfs; | 89,191,870 | 107,017,900 |

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| **,yq;if jpwe;j gy;fiyf;fofk;** | | | | | | |
| **2012.12.31 ,y; Kbtile;j Mz;bw;fhd cupik %yjd khw;wq;fs; $w;W** | | | | | | |
|  |  |  |  |  |  | **(&gh.)** |
| **tpguk;** | **nghJ xJf;fk;** | **%yjdk;** | | | **kPs;kjpg;Pl;L kpiffs;** | **nkhj;jk;** |
| **KjyPl;L tl;b** | **nrytopf;fhj %yjd khdpak** | **ntspehl;L cjtpfSk; ed;nfhilfSk;;** |
| 2011 jpnrk;gu; 31 ,y; cs;sthwhd kPjp | **36,059,873.90)** | **195,993,974.96** | **(7,577,113.84)** | **2,043,717,447.07** | **7,206,306,233.09** | **9,402,380,667.38** |
| Mz;bd;; NghJ nrytopj;j %yjd khdpak; | - | 51,572,886.16 | (51,572,886.16) | - | - | - |
| Mz;bd; NghJ ngwg;gl;lepjpfs; | - | - | 59,150,000.00 | - | - | 59,150,000.00 |
| Mz;bd; NghJ ngwg;gl;l ed;nfhilfs; | - | - | - | 32,368,439.87 | - | 32,368,439.87 |
| jpul;ba ed;nfhilfs; | - | - | - | (659,250,947.31) | - | (659,250,947.31) |
| jpul;ba %yjd khdpak; | - | 41,582,449.34) | - | - | - | (41,582,449.34) |
| fhyg;gFjpf;fhd kpiffs;/ (gw;whf;Fiw) | 80,855,708.62 | - | - | - | - | 80,855,708.62 |
| gl;lg;gpd;gbg;G Gyik epjpf;fhd Vw;ghL | (20,000,000.00) | - | - | - | - | (20,000,000.00) |
| **2012 jpnrk;gu; 31 ,y; cs;sthwhd kPjp** | **24,795,834.72** | **205,984,411.78** | **-** | **1,416,834,939.63** | **7,206,306,233.09** | **8,853,921,419.22** |
| Mz;bd;; NghJ nrytopj;j %yjd khdpak; | - | 74,150,000.00 | (74,150,000.00) | - | - | - |
| Mz;bd; NghJ ngwg;gl;l epjpfs; | - | - | 74,150,000.00 | - | - | 74,150,000.00 |
| Mz;bd; NghJ ngwg;gl;l ed;nfhilfs; | - | - | - | 18,705,684.10 | - | 18,705,684.10 |
| jpul;ba ed;nfhilfs; | - | - | - | 392,534,362.62) | - | 392,534,362.62) |
| jpul;ba %yjd khdpak; | - | (42,526,211.23) | - | - | - | (42,526,211.23) |
| fhyg;gFjpf;fhd kpiffs;/ (gw;whf;Fiw) | 145,004,346.92 | - | - | - |  | 145,004,346.92 |
| **2013 jpnrk;gu; 31 ,y; cs;sthwhd kPjp** | **69,800,181.64** | **237,608,200.55** | **-** | **1,043,006,261.11** | **7,206,306,233.09** | **8,656,720,876.39** |

**,yq;if jpwe;j gy;fiyf;fofk;**

**epjpf; $w;Wf;fspw;fhd Fwpg;Gfs;**

**1. jpul;ba jfty;fs;**

## 1.1 nghJthdit

,yq;ifapy; ehLKOtJk; cs;s ,yq;if jpwe;j gy;fiyf;fofk; xd;WNru;f;fg;gl;L gjpTnra;ag;gl;l Muk;g nraw;ghl;L mYtyfk; ENfnfhil ehntytpy; mike;Js;sJ. fz;b> mEuhjGuk;> khj;jiw> aho;g;ghzk; kw;Wk; kl;lf;fsg;G Mfpa ,lq;fspy; gpuhe;jpa epiyaq;fs; mike;Js;sJ. NkYk;> 19 fy;tp epiyaq;fs; kw;Wk; 06 fw;gpj;jy; epiyaq;fs; ehL G+uhTk; jhgpf;fg;gl;Ls;sJ.

**1.2 rku;g;gpg;gjw;fhd mjpfhuG+u;tkhd jpfjp**

2013 jpnrk;gu; 31 ,y; Kbtile;j Mz;bw;fhd gy;fiyf;fofj;jpd; epjpf; $w;Wf;fs; 2014 ngg;utup 25 ,y; epjpf; FOtpd; mq;fPfhuj;Jld; toq;Ftjw;fhf mDkjpf;fg;gl;bUe;jd.

**2. nghJf; fzf;fPl;Lf; nfhs;iffs;**

**2.1 jahupg;gpd; mbg;gil**

epjpf; $w;Wf;fshdJ 2008 ,d; kPs; kjpg;gPl;bd; mbg;gilapy; epahakhd ngWkjpapYs;s epiyahd nrhj;Jf;fisj; jtpu;j;J tuyhw;W fpua mbg;gilapy; jahupf;fg;gl;bUe;jJ.

**2.2 ,zq;Fjy; $w;W**

epjpf; $w;Wf;fshdJ ,yq;if nghJj; Jiw fzf;fPl;L epakq;fspw;fikaTk; (v];vy;gpv];Vv];) jahupf;fg;gl;bUf;fpd;wJ.

**2.3 xg;gPl;Lj; jfty;fs;**

gy;fiyf;fofj;jhy; fzf;fPl;Lf; nfhs;iffs; khw;wilahJ gpuNahfpf;fg;gl;lJld; Kd;ida Mz;Lld; Kuz;ghlw;wpUe;jJ. Kd;ida Mz;bDila njhiffs; kw;Wk; nrhw;nwhlu;fs; jw;Nghija Mz;L ru;g;gpg;gjw;F mtrpakhntd cWjpg;gLj;Jtjw;F kPs xOq;fikf;fg;gl;bUe;jJ.

**2.4 nraw;ghL kw;Wk; rku;g;gpg;G ehzak;**

nfhLf;fy; thq;fs; ,lk;ngw;w Neuj;jpy; epytpa ehzakhw;W tPjj;jpy; ehzaq;fs; ,lk;ngw;Ws;s ,yq;if &ghtpw;F rfy ntspehl;L nfhLf;fy; thq;fy;fSk; khw;wg;gl;bUe;jJ.

**3. Kf;fpakhd fzf;fPl;Lf; nfhs;iffs;**

**kjpg;gPl;bd;; gad;ghL kw;Wk; tpsf;fTiufs;**

fzf;fPl;Lf; nfhs;iffspd; gpuNahfk; ghjpg;gpid Vw;gLj;Jkhntd;w tpsf;fTiufs;> kjpg;PLfs; kw;Wk; fUJNfhs;fs; kw;Wk; nrhj;Jf;fs;> nghWg;Gf;fs;> tUkhdk; kw;Wk; nrytpdq;fs; vd;gtw;wpd; mwpf;ifaplg;gl;l njhiffs; vd;gtw;wpid nra;tjw;F Kfhikj;Jtk; Ntz;Lfpd;w nghJj; Jiw fzf;fha;T epakq;fs; (v];vy;gpv];Vv];)> v];vy;vt;Mu;v]; kw;Wk; vy;NfVv]; vd;gd cWjpg;gLj;jp epjpf; $w;Wf;fspd; jahupg;it Kfhikj;Jtk; Ntz;Lfpd;wJ. tpsf;fTiufs; kw;Wk; ghjPLfs; rpy re;ju;g;gq;fspy; epahakhdnjd ek;gpf;if nfhz;L vjpghu;g;Gfis cs;slf;fp tuyhw;W mDgtq;fs; kw;Wk; Vida tplaq;fs; mbg;gilapy; mike;Js;sd.

ghjPLfs; kw;Wk; Fwpj;Jiuf;fg;gLfpd;w fUJNfhs;fs; njhlu;e;J kPsha;T nra;ag;gLfpd;wJ. Fwpj;j fhyk; kw;Wk; vjpu;fhyj;jpy; VjhtJ ghjpf;fg;gLnkd czUk; khj;jpuj;jpy; ghjPLfs; jpUj;jg;gl;bUe;j fhyj;jpy; fzf;fPl;L ghjPLfspw;fhd kPsha;T Njitg;gl;lJ.

fzf;fPl;Lf; nfhs;iffisg; gpuNahfpf;ifapy; Kf;fpakw;w kw;Wk; Mgj;jhd gad;ghl;Lg; gFjpfspd; rpy gFjpfs; gw;wpa jfty;fs; epjpf; $w;Wf;fis ,izj;j fzf;Ffspy; mjpfsT Kf;fpakw;w jhf;fq;fs; gpd;tUk; Fwpg;Gf;fspy; cs;slf;fg;gl;Ls;sd.

**4 Kf;fpakhd fzf;fPl;Lf;nfhs;iffs;**

fPNo Rl;bf;fhl;lg;gl;l fzf;fPl;Lf; nfhs;iffs; Kd;ida Mz;Lfspy; gad;gLj;jg;gl;ltw;Wld; fPNo Fwpg;gplg;gl;l fzf;fPl;Lg; nfhs;iffs; xg;gplg;gLfpd;wd.

4.1 Mq;fpy gl;lg;gpd;gbg;G epWtdj;jpw;F gad;ghl;L trjpfs; toq;fy; fpuak; kw;Wk; nghJ trjpfis tpu;thf;Fjy; nrytpdk; vd;gtw;wpy; Mq;fpy gl;lg;gpd;gbg;G epWtdj;jplkpUee;J ngwNtz;bajhf fzf;F itf;fg;gl;bUe;jJ.

4.2 fy;tprhu; jpizf;fsq;fshy; elhj;jg;gl;l kw;Wk; ifNaw;fg;gl; MNyhrid nraw;jpl;lq;fs; kw;Wk; gy ntspthup epfo;r;rpj;jpl;lq;fs;> gy;fiyf;fof mr;rpl mr;rfk; kw;Wk; MNyhridahsu; kw;Wk; ntspehl;L ts epiyaj;jpd; (rP<Mu;rP) fPohd jfty; ,y;yk; vd;gtw;wpd; tUkhdk; CERC topfhl;ly; ,w;F mikthf cupa mgptpUj;jp epjpaj;jpw;F khw;wg;gl;bUe;jJ.

4.3 gpizKwpfs; kw;Wk; cld;gbf;iffs; kPwpaik fhuzkhf ngwNtz;ba njhif &gh 94>665>184.94 MFk;.

4.4 jpiwNrupaplkpUe;J ngwg;gl;l %yjd khdpak; nrytopf;fhj %yjd khdpaj;jpd; fPo; KjyhtJ jlit fzf;fplg;gl;bUe;jJld; nrytopj;j njhiffs; gpd;du; nrytopj;j %yjd khdpa fzf;fpw;F khw;wg;gl;bUe;jJ. (Fwpg;G- 15)

**4.5 Mjdk; nghwpj;njhFjp kw;Wk; cgfuzq;fs;**

**i) nrhj;Jf;fspidg; ngWkjpaply;**

rpy nrhj;Jf;fspd; ngWkjpapy; nra;ag;gl;l jpUj;jq;fspd;gb Kd;ida Mz;L kPs;kjpg;gPl;L kpif rPuhf;fg;gl;bUe;jJ.

Mz;bd; NghJ nfhs;tdT nra;ag;gl;l rfy nrhj;Jf;fSk; ,ilNeu; nryTfSldhd nfhs;tdTf; fpuaj;jpy; gjpag;gl;Ls;sd. 2008/12/31 ,w;F Kd;du; nfhs;tdT nra;ag;gl;l nrhj;Jf;fs; kPskjpg;gplg;glL gjpag;gl;Ls;sd.

ii) gy;NtW nraw;jpl;l epjpfspy; nfhs;tdT nra;ag;gl;l Mjdk; nghwpj;njhFjp kw;Wk; cgfuzq;fspd; ngWkjp ntspj;jug;gpdu; khdpaj;jpypUe;J %yjd topf;F gq;fspg;Gr; nra;tjw;F nraw;jpl;l epjpaf; fzf;fpypUe;J khw;wg;gl;bUe;jJ. (**Fwpg;G- 16**)

iii) ed;nfhilfshfg; ngwg;gl;l Mjdk; nghwpj;njhFjp kw;Wk; cgfuzq;fs; %yjdkhf;fg;gl;L ,.f.ep 24 ,d;gb njhlu;Ggl;l nrhj;Jf;fspd; gad;gLj;jpa fhyj;jpw;F Nkyhdit tUkhdkhf fUjg;gl;bUe;jd. (**Fwpg;G- 06**)

iv) Mjdk; nghwpj;njhFjp kw;Wk; cgfuzq;fs; vd;gd jpul;ba ngWkhdj;Nja;T fopj;j fpuaj;jpy; / kPs;kjpg;Gg; ngWkjpapy; fhl;lg;gl;Ls;sd. ngWkhdj; Nja;thdJ tUlk; xd;wpw;F gpd;tUk; tPjq;fspy; 1995.10.05 Mk; jpfjpa 649 Mk; ,yf;f gy;fiyf;fof khdpaq;fs; Mizf;FOr; Rw;wwpf;ifapd;gb Neu;Nfhl;L Kiwapy; rhl;Ljy; nra;ag;gl;bUe;jJ.

fl;blq;fs; 05%

jsghlq;fs; 10%

mYtyf cgfuzq;fs; 20%

E}yfg; Gj;jfq;fs; 20%

Nkhl;lhu; thfdq;fs; 20%

Ma;T$lk; kw;Wk; fw;gpj;jy; cgfuzq;fs; 20%

fbfhuq;fs; 20%

nghwp kw;Wk; ,ae;jpuk; 20%

nfhs;tdT nra;j jpfjpapypUe;J ngWkhdj; Nja;T rhl;Ljy; nra;ag;gl;bUe;jJ.

epiyahd nrhj;Jf;fspd; kPs;ngWkjpaplg;gl;l ngWkjpapy; ngWkhdj;Nja;T rhl;Ljy; nra;ag;gl;Ls;sJ. kPs;kjpg;G eilKiw fhuzkhf epiyahd nrhj;Jf;fspd; ngWkjp mjpfupj;jjd; tpisthy; epiyahd nrhj;Jf;fspd; ,e;j mjpfupj;j ngWkjpf;F rhl;Ljy; nra;ag;gl;l ngWkhdj;Nja;T ,e;j fzf;Ffspy; mjpfupg;igf; fhl;LfpwJ.

epiyahd nrhj;Jf;fspd; kPs;kjpg;gPl;L eilKiw ,yq;if kjpg;gPl;lhsu; jpizf;fsj;jhy; nraw;gLj;jg;gLfpd;wJ. 2012 etk;gu; 16 ,y; ,y; ,Ue;J 2013 Mf];l; 13 tiuapy; gpujhd tshf fl;blk; kw;Wk; nfhOk;G gpuhe;jpa epiyaf; fl;blq;fs; vd;gtw;wpYs;s fhzpfspd; kjpg;gPl;bw;fhf ,ilf;fhy mwpf;ifia mtu;fs; toq;fpapUe;jdu;. toq;fg;gl;l ngWkjpfs; **,izg;G I** ,y; fhl;lg;gl;Ls;sJ.

**4.6 %yjd eilngWk; Ntiyfs;**

nrhj;Jf;fis Kjyhtjhf gad;gLj;Jk; Ntisapy; cupa nrhj;Jf;fs; fzf;fpw;F %yjd eilngWk; Ntiyfs; khw;wg;gl;Ls;sJ.

**4.7 nghUspUg;Gfs;**

nghUspUg;Gfs; Fiwe;j fpuak; kw;Wk; re;ijg; ngWkjp mbg;gilapy; kjpg;gplg;gLfpd;wJld; VjhtJ ,yhg tpisTfs; ,yhg el;lf; fzf;fpw;F nfhz;L nry;yg;gLfpd;wJ.

jw;NghJ mike;J ,lj;jpd; nghUspUg;Gfs; gl;l fpuaj;jpy; nghUspUg;G gjpNtl;bw;F nfhz;Ltug;gLfpd;wJld; epiyikfis gpd;tUk; #j;jpuq;fis gad;gLj;jp fzf;fplg;ggLfpd;wJ.

* %yg; nghUs; - Kjy;tUjy; Kjy; nry;yy; mbg;gilapy; fzpf;fg;gLfpwJ (FIFO)
* KbTg; nghUl;fs;- Neu; nghUs; fpuk;> Nru; ciog;Gf; fpuak; kw;Wk;; rhjhuz nraw;ghl;L ,aystpy; epiyahd cw;gj;jp Nke;jiyfspd; xJf;fPL vd;gtw;wpy;

**4.9 gzpf;nfhilf;fhd Vw;ghLfs;**

NritapYs;Nshu; 01 Mz;bidg; G+u;j;jpnra;ifapy; mt;thz;bypUe;J rfy Copau;fspw;Fk; Xa;TngWk; NghJ nrYj;jNtz;ba gzpf;nfhilf;fhf fzf;Ffspy; KO Vw;ghLk; nra;ag;gl;bUe;jJ. ,e;j Vw;ghL ntspapy; KjyPL nra;ag;gl;bUf;ftpy;iy.

**4.10 nghWg;Gf;fs; kw;Wk; Vw;ghLfs;**

4.10.1 rfy mwpe;j nghWg;Gf;fSk; epjpf; $w;Wf;fs; jahupf;ifapy; fzf;fplg;gl;bUe;jJ.

4.10.2 ePjp kd;wk;/ njhopy;ePjpkd;w eLtu; jPu;g;Gf;fhf epYitapYs;s tof;F kPjhd epfoj;jf;f nghWg;Gf;fs; Vw;ghLnra;ag;gl;bUf;ftpy;iy.

4.1.3. khztu; fl;lz kPsspg;gpw;fhd Vw;ghL ruhrupahf 2011 khztu; njhlu;Ggl;l 2012 khztu; kPsspg;Gf;fs; mbg;gilapy; fzf;fplg;gl;lJ.

4.10.4 khztu; fl;lzq;fspd; 2 % Vw;ghL khztu; cjtpg;z epjpaj;jpwF khw;wg;gl;lJld; mwpifapLfpd;w fhyj;jpw;fhd nrytpdkhf fUjg;gl;lJ.

**4.11 tUkhdk; kw;Wk; nrytpdk;**

**4.11.1 tUkhd ,dq;fhzy;**

murhq;f khdpak;> gy;fiyf;fof khdpaq;fs; Mizf;FOtplkpUe;jhd khdpak;> ghlnewpf; fl;lzq;fs;> cs;sf tsq;fspypUe;J cUthf;fg;gl;l tUkhdk;> KjyPl;L tl;b vd;gtw;wpidf; nfhz;Ls;s tUkhdk; ml;LW mbg;gilapy; fzf;fplg;gl;bUe;jJ. murhq;f khdpak; ngWtdT mbg;gilapyy; fzf;fplg;gl;bUe;jJ. khztu;fsplkpUe;J ngwg;gl;l ghlnewpf; fl;lzk; gjpT nra;j Neuj;jpy; tUkhdkhf ,dq;fhzg;gl;bUe;jJ.

**4.11.2** NODES ,ypUe;J fpilf;f Ntz;ba &gh 36>993>600.00 xNu mikr;rh; ,Ug;gjdhy; fzf;fpyplg;gltpy;iy NkYk; vjph;fhyj;jpYk; ,J fpilg;gjw;fhd rhj;jpak; ,Uf;ftpy;iy. NODES ,w;fhd nfhLg;gdTk; $l ml;LWthf fzf;fplg;gltpy;iy.

**4.11.3 nrytpd mq;fPfhuk;**

nrytpdkhdJ nraw;jpl;lq;fs;/ fUj;jpl;lq;fs; %yk; gFDg;gha;T nra;ag;gl;bUe;jJld; gy;fiyf;fof khdpaq;fs; Mizf;FO kw;WK; nghJthd tbt mwpf;ifaply; Kiwik %yk; toq;fg;gl;l topfhl;ly;fspd; mbg;gilapy; tpj;jpahrkhd nrytpdpd; gpufhuk; tifg;gLj;jg;gl;bUe;jJ.

**5. Kd;ida jtWfis Nehf;fpr;nrd;w tpsf;fTiu**

* 2009 ,ypUe;J 2012 tiuapyhd Ehyf Gj;jfq;fSf;fhd Nja;khd xJf;fj;jpd; fPo; fhzg;gl;l &gh 17>258>350.13 2012 fzf;fpw;F vLf;fg;gl;bUe;jJ.
* DEMP ,ypUe;J fpilf;fg;ngw;w nrhj;Jf;fSf;fhd Nja;khd xJf;fj;jpd; fPo; fhzg;gl;l gpd;tUtd 2012 fzf;fpw;F vLf;fg;gl;bUe;jJ.

fl;blk; - 16>629>444.11

nghwpAk; ,ae;jpuKk; - 125>294>302.60

jsghlKk; nghUj;Jjy;fSk; 7>143>002.10

mYtyf cgfuzq;fs; - 126>136>386.40

* DEMP ,ypUe;J fpilf;fg;ngw;w Ma;T$l cgfuzq;fs; &gh 60>001>456.60 ,d; Nja;khd xJf;fj;jpw;F Nkyhf 2012 fzf;fpw;F vLf;fg;gl;bUe;jJ.

|  |  |
| --- | --- |
| **ngWkhdj;Nja;T** | **njhif (&gh)** |
| **2012 jpnrk;gu; 31 ,y; Kbtile;j Mz;bw;fhd kpiffs;** | (59,180,829.04) |
| **$l;L:** Kd;ida jtWfis Nehf;fpr;nrd;w tpsf;fk; |  |
| epiykhWk; ed;nfhil DEMP - nghwpAk; ,ae;jpuKk; | 117,066,338.20 |
| mYtyf cgfuzq;fs; | 353,430,098.20 |
| Ma;T$l cgfuzq;fspd; Nja;khdk; - DEMP | 60,001,456.60 |
| ntspahh; khdpaj;jpy; ,Ue;J ntspahd %yjd epiyakw;wk; | 13,664,147.74 |
|  | 484,981,211.70 |
| **fop:** Ehyf Gj;jfq;fspw;fhd ngwkhdj;Nja;T | 17,258,350.13 |
| epiykhWk; ed;nfhil DEMP – jsghlk; | 13,294,182.50 |
| Ma;T$l cgfuzk; | 85,158,126.60 |
| fl;blk; | 13,211,708.64 |
| DEMP nrhj;Jf;fspd; Nja;T – fl;blk; | 16,629,444.11 |
| nghwpAk; ,ae;jpuKk; | 125,294,302.60 |
| jsghlKk; nghUj;Jjy;fSk; | 7,143,002.10 |
| mYtyf cgfuzq;fs; | 126,136,386.40 |
| **2012 jpnrk;gu; 31 ,y; Kbtile;j Mz;bw;fhd kPsikf;fg;gl;l kpiffs;** | **80,855,708.62** |

**,yq;if jpwe;j gy;fiyf;fofk;**

**Kd;ida 5 Mz;LfspYs;s epjp ntspg;gLj;jy;fs;**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **tpguk;** | **2009** | **2010** | **2011** | **2012** | **2013** |
| **tUkhdk;** | | | | |  |
| kPz;nlOk; nrytpdj;jpw;fhd murhq;f khdpak; | 505,000,000.00 | 525,000,000.00 | 628,386,000.00 | 663,100,000.00 | 844,715,000.00 |
| Gduikg;G kw;Wk; guhkupg;gpw;fhd murhq;f khdpak; | 0.00 | 0.00 | 0.00 | 0.00 | - |
| KjyPl;L tl;b | 6,041,247.47 | 4,476,052.33 | 6,806,033.22 | 0.00 | 32,479,879.70 |
| fld;fs; kw;Wk; Kw;gzq;fspypUe;jd tl;b | 1,312,508.25 | 1,587,930.34 | 1,982,107.90 | 2,589,330.38 | 2,703,143.25 |
| Mjd thlif | 2,204,622.50 | 884,388.39 | 2,459,263.58 | 1,364,526.89 | 5,689,986.00 |
| gioa fsQ;rpa tpw;gid | 714,846.00 | 57,493.00 | 1,888,475.96 | 33,975.84 |  |
| ntspaPl;L tpw;gid | 1,636.00 | 4,684.00 | 0.00 | - | 375.00 |
| ehdhtpjngWtdTfs; | 4,265,713.53 | 1,855,129.90 | 4,178,264.76 | 24,756,496.31 | 4,750,466.84 |
| gjpTf; fl;lzq;fs; | 5,338,130.00 | 7,152,650.00 | 8,281,567.00 | 7,574,543.00 | 10,656,040.00 |
| ghlnewpf; fl;lzq;fs; | 195,164,272.10 | 347,058,799.54 | 460,772,686.75 | 290,313,218.52 | 609,989,376.61 |
| guPl;irf; fl;lzq;fs; | 92,400.00 | 70,750.00 | 769,675.00 | 202,650.00 | 612,436.00 |
| ntspaPLfs; kw;Wk; tpz;zg;gq;fspd; tpw;gid | 15,129,520.00 | 22,224,458.00 | 33,311,747.50 | 13,773,034.21 | 32,804,921.90 |
| E}yff; fl;lzq;fs; | 469,007.50 | 446,430.00 | 487,238.75 | 335,978.75 | 419,146.25 |
| trjpfs; fl;lzk; | 4,601,765.00 | 5,806,010.00 | 6,752,225.70 | 6,074,500.00 | 4,608,032.00 |
| tpLjpf; fl;lzq;fs; | 737,715.00 | 832,346.00 | 883,900.00 | 591,725.00 | 937,910.00 |
| Vida tsq;fspypUe;jhd tUkhdq;fs; | 481,533.53 | 2,276,327.89 | 20,881,726.95 | 22,417,121.69 | 29,302,555.16 |
| thfd thlif | 66,781.01 | 102,940.19 | 435,568.29 | 150,521.78 | 447,035.23 |
| gpizKwp kPwypypUe;jhd tUkhdk; | 0.00 | 2,157,478.45 | 3,247,217.00 | 12,043,116.81 | 9,741,899.44 |
| jpul;ba ed;nfhilfs; | 10,214,421.11 | 290,745,935.40 | 273,552,725.26 | 273,816,880.91 | 392,534,362.62 |
| %yjd khdpaq;fspd; epiykhw;wk; - nryT | 0.00 | 0.00 | 0.00 | 0.00 | 42,526,211.23 |
| **nkhj;jk;** | **751,836,119.00** | **1,212,739,803.43** | **1,455,076,423.62** | **1,319,137,620.09** | **2,024,918,777.23** |
| **nrytpdk;** | | | | | |
| nghJ epu;thfk; kw;Wk; cj;jpNahfj;ju; Nritfs; | 128,502,994.06 | 148,800,131.83 | 180,646,831.73 | 184,877,620.20 | 220,422,169.97 |
| **$l;Lf:** ngWkhj;Nja;T | 317,066,611.26 | 491,314,663.27 | 428,124,458.52 | 483,393,059.24 | 596,480,633.00 |
|  | **445,569,605.32** | **640,114,795.10** | **608,771,290.25** | **668,270,679.44** | **816,902,802.97** |
| fy;tpr; Nritffs; | 532,503,119.93 | 578,284,246.48 | 678,504,718.87 | 672,074,877.20 | 898,491,968.46 |
| fw;gpj;jy; tsq;fs; | 51,508,424.95 | 49,325,304.22 | 56,935,876.88 | 56,721,689.98 | 61,416,893.53 |
| Rfhjhu Nritfs; | 2,070,088.18 | 2,175,256.87 | 2,655,884.16 | 2,142,079.52 | 2,595,930.15 |
| fhzp kw;Wk; fl;blq;fspd; guhkupg;G | 20,422,440.40 | 22,813,081.38 | 28,488,948.90 | 26,051,156.36 | 34,198,990.73 |
| ,ju eltbf;iffs; | 35,531,694.31 | 50,172,555.16 | 57,049,096.68 | 48,522,374.19 | 60,489,075.69 |
| ; **nkhj;jk;** | **1,087,605,373.09** | **1,342,885,239.21** | **1,432,405,815.74** | **1,473,782,856.69** | **1,874,095,661.53** |

Muha;r;rp> Gj;jhf;fk;> ntspaPLfs; gw;wpa tpguq;fs;

**fy;tpg; gPlk;**

|  |  |
| --- | --- |
| fyhepjp hP.b.hP.vy;. jdghy | 'cs;sff; fy;tpia Nehf;fpa ,yq;ifapd; gazk;’ ehLfSf;fpilapyhd $l;lk;> m`;kjhghj;jpy; rkh;g;gpf;fg;gl;l Ma;Tf; fl;Liu (2013 Vg;uy; 5-7) |
| ,yq;ifapy; cs;sff; fy;tpf;fhd mur ghlrhiy Mrphpah;fspd; jahh;epiy kl;lk; (eilngw;WtUk; Ma;T- FOj; jiyth;) |
| fyhepjp Nf.V.rP. my;tp]; | ,yq;ifapy; cs;sff; fy;tpapid tpidj;jpwDld; mKy;gLj;Jtjw;fhd Xh; Mrphpah; Jiz khjphp> rhh;f;> fy;tp Muha;r;rp ,jo; > thy;.09 (2012) |
| 3MtJ IASSIDD Mrpa- gRgpf; gpuhe;jpa khehL 2013> Nlhf;fpNah> [g;ghd;. Gj;jp rhJhpakw;w khzth;fSf;F Muk;g tFg;GfspNy cs;sff; fy;tpiag; gpuNahfpg;gjw;fhf Mrphpah;fs; gad;gLj;jpa Nghjdh cj;jpfspd; tpidj;jpwd;. Gj;jprhJhpakw;w Mw;wy;fs; gw;wpa nfhs;if> nrad;Kiw ,jopy; ntspahd rhuhk;rk; thy;.10 ,y.02 [\_d; 2013 |
| 3MtJ IASSIDD Mrpa- gRgpf; gpuhe;jpa khehL 2013> Nlhf;fpNah> [g;ghd;. ,yq;ifapy; khWgLk; cs;sff; fy;tpapd; eilKiw : murhq;fg; ghlrhiyfspy; Mrphpah;fspd; $w;Wf;fs; njhlh;ghf rkh;g;gpf;fg;gl;l Muha;r;rpf; fl;Liu. Gj;jprhJhpakw;w Mw;wy;fs;; gw;wpa nfhs;if> nrad;Kiw ,jopy; ntspahd rhuhk;rk; thy;.10 ,y.02 [\_d; 2013 |
| ,yq;ifapy; cs;sff; fy;tpf;fhd mur ghlrhiy Mrphpah;fspd; jahh;epiy kl;lk; (eilngw;WtUk; Ma;T - FO cWg;gpdh;;) |
| "gpujpgypg;Gf; fw;gpj;jy; mZFKiwfs;" (2013),y.jp.g. > fy;tpg; gPlj;jpd; "mjPf;\" ntspaPL |
| gp.[p.vr;.mEUj;jpfh | cs;sff; fy;tpia Nehf;fpa Mrphpah;fspd; Rghtq;fs; gw;wpaNjhh; Ma;T>,yq;if Nuhay; Mrpaf;fz;l rq;fj;jpy; 2013 khh;r; 28 – 30 ,y; eilngw;w 6MtJ tUlhe;j Muha;r;rp khehL 2013. khehl;L eilKiwf;Fwpg;Gf;fspy; ntspaplg;gl;l rhuhk;rk;. |
| ghlrhiyfspy; Nkyjpf ghltpjhd nraw;ghLfspd; nrad;Kiwiag; ghprPypj;jy; gw;wpaNjhh; Ma;T> ,yq;if Nuhay; Mrpaf;fz;l rq;fj;jpy; 2013 khh;r; 28 – 30 ,y; eilngw;w 6MtJ tUlhe;j Muha;r;rp khehL 2013. khehl;L eilKiwf;Fwpg;Gf;fspy; ntspaplg;gl;l rhuhk;rk;. |
| CWghlhd fhl;rpAld; khzth;fSf;Ff; fw;gpf;f Kiwahd fy;tp Mrphpah;fs; gad;gLj;jpa jq;Fkpl cj;jpfs; gw;wpaNjhh; Ma;T > 2013 etk;gh; 27> 28 ,y; eilngw;w tUlhe;j Muha;r;rp khehL > ,yq;if jpwe;j gy;fiyf;fofk; |
|  | fw;gpj;jy; - fw;wy; nrad;KiwapNy CWghlhd fhl;rpAld; gq;Fgw;wpa khzth;fs; gw;wpaNjhh; Ma;T>2013 Mk; Mz;L rg;ufKt gy;fiyf;fofj;jpy; eilngw;w rh;tNjr fUj;juq;F |
| ,yq;ifapy; cs;sff; fy;tpf;fhd mur ghlrhiy Mrphpah;fspd; jahh;epiy kl;lk; (eilngw;WtUk; Ma;T - FO cWg;gpdh;;) |
| "tpidj;jpwdhd tpdTjiy Nehf;fp" (2013) "mjPf;\" ntspaPL>fy;tpg; gPlk;> ,y.jp.g. |
| jpU. NfjP];tud; | 'jkpo; thrpg;Gj; jpwdpy; Muk;g khzth;fs; vjph;nfhs;Sk; rthy;fs;’ jtjpU jdpehafk; AdikaPsQhgfhh;j;j Muha;r;rp khehL-2013>aho;g;ghz gy;fiyf;fofk;-2013 |
| ntspaPL: ‘cstpay; Nfhl;ghLfSk; Mrphpah;fSk;’ISBN: 978-955-54017-1-5, 2013 |
| "GydwpT tpUj;jpgw;wpa gpahn[w;wpd; Nfhl;ghL – mftpop > fy;tp kw;Wk; fw;gpj;jYf;fhd ,yq;if jkpo; ,jo; |
| “ tpN\l NjitAila khzth;fis r%fkakhf;fypy; Vw;gLk; rthy;fs;” mftpop > fy;tp kw;Wk; fw;gpj;jYf;fhd ,yq;if jkpo; ,jo; |

**nghwpapay; njhopy;El;g gPlk;**

**eilngw;W tUk; Muha;r;rp tpguq;fs;**

|  |  |
| --- | --- |
| **Mrphpahpd; ngah;** | **Muha;r;rpj; jiyg;G** |
| **tptrha> ngUe;Njhl;lg; nghwpapay; Jiw** | |
| fyhepjp v];. jphpfhty | Gjpjhf mwpKfg;gLj;jg;gl;l mWtilf;F Kd;duhd njopy;El;gq;fspD}lhf czTg; ghJfhg;G – Nj.tp.k. khdpak;  ,yq;ifapd; tWikapdhy; ghjpf;fg;gLk; gpuNjrq;fSf;fhd tPl;L czTg; ghJfhg;G khjphpfis tpUj;jpnra;jy; - Nj.tp.k. khdpak; |
| Nguhrphpah; rP.v];. j rpy;th> fyhepjp vr;.Nf.vy;.Nf. FzNrfu | fhyepiy khw;wk; fhuzkhf ,yq;ifapd; cyh; tya kuf;fwpr; nra;if kPJ ntg;gepiy> ePh;j; jifg;G Vw;gLj;Jk; jhf;fk; ( Ma;Tf; fl;Liu ghJfhg;Gf; fl;lk;) |
| fyhepjp vd;.v];. tPuf;nfhb | caphpay; nkd;Njhy; cUthf;fk;> fpuhk; - rhh;G gf;Bhpah kPJ ,yq;ifapy; tsh;f;fg;gLk; fyq;fy; (my;gpdpah fyq;fh) Vw;gLj;Jk; jhf;fKk; ghJfhg;ghd gad;ghl;bw;fhf rhj;jpakhd er;Rj;jd;ikia cWjpg;gLj;jYk; Mh;.[p./ 2012/ V.[p./ 02  cztpy; Njhd;Wk; gf;Bhpahtpd; fyg;Gj; njhw;wpidf; Fiwf;fTk; cg;gPL nra;ag;gl;l Nfhop ,iwr;rpia rikg;gjw;fhd jahh;epiy MAl;fhyj;ij ePbf;fTk; njhpTnra;ag;gl;l thrid> %ypif> kUj;Jtj; jhtuq;fspypUe;J vLf;fg;gl;l rhWfisg; gpuNahfpj;jy;. vd;. Mh;.rP. -12- 054 |
| fyhepjpV.[p.gp. mWf;nfhl | efu tptrhaj;jpd; kPJ Vw;gLj;jg;gLk; kpfr; rpwe;j ePh; cwpQ;Rk; kPr;Nrh;kj;jpd; jhf;fq;fis kjpg;gpLjy;.  ,yq;ifapd; tPl;Lj; Njhl;lq;fspy; tsUk; rpwpa mstpy; cw;gj;jpnra;Ak; fwpkpsfha; ,dq;fSf;F (c+k;: nts;isf; nfhr;rp> ie kphp]; ) kj;jpapYs;s jio kugZj; njhlh;Gfis Muha;jYk; kpsfha; ,iyr; RUs; rpf;fYf;fhd vjph;g;Gj; jd;ikia kjpg;gpLjYk; |
| **Fbrhh; nghwpapay; Jiw** | |
| Nguhrphpah; hP. vk;. gy;Nytj;j | tYtpoe;j jiu epiyikfSf;fhd Fiwe;j nryTila fl;likg;Gf;fis tbtikj;jy;> eph;khd kw;Wk; cw;gj;jpf; fopTfis khw;W eph;khdg; nghUl;fshfg; gad;gLj;jy; |
| Nguhrphpah; Nf. v];. tPuNrfu | jw;Nghija Rq;fr;rhtb tpidj;jpwd; kPjhd vjph;fhyj; jhf;fk;> njw;F mjpNtf neLQ;rhiyapd; nfhs;ssT kPjhd mtw;wpd; jhf;fk; gw;wpa Ma;T  uh[fphpa re;jpapy; Nghf;Ftuj;J nehpriy ,yFgLj;Jk; nghUl;L Nkk;ghyk; xd;iwAk; rha;Tjsq;fisAk; tbtikj;jy;  aho;g;ghz efuj;jpy; Jtpr;rf;fu jhpg;gplq;fisAk; Jtpr;rf;fu xOq;ifiaAk; toq;Fjy;  nfhl;lht efuj;jpNy thfd- ghjrhhp efh;tpid ,yFgLj;Jk; nghUl;L Nghf;Ftuj;J Kfhikj;Jt jpl;lk; xd;iw tpUj;jpnra;jy; |
| jpU.vy;.v];.v];. tpN[th;jd | uh[fphpa re;jpapy; Nghf;Ftuj;J nehpriy ,yFgLj;Jk; nghUl;L Nkk;ghyk; xd;iwAk; rha;T jsq;fisAk; tbtikj;jy; |
| **kpd;rhu> fzpdpg; nghwpapay; Jiw** | |
| m[pj; gP. kJug;ngUk | mq;ftPd> gpujp$y khzth;fspd; njhopy;El;gj;jpD}lhd thrpg;Gj; jpwd;fis Nkk;gLj;jy; |
| ejPwh nkjpd; | mq;ftPd> gpujp$y khzth;fspd; njhopy;El;gj;jpD}lhd thrpg;Gj; jpwd;fis Nkk;gLj;jy; |
| fyhepjp vy;.v];.Nf. cLfk | fzpdp fl;Lf;Nfhg;G tbtikg;igf; fw;gpg;gjw;fhd fy;tpr; rhjdk; xd;iw tpUj;jpnra;jYk; kpd;dpay; kw;Wk; fzpdpg; nghwpapay; khzth;fSf;fhf J}u Ma;T$lk; xd;iw mKy;gLj;JjYk; |
| b.vd;. ghy#hpa | gy;top taupyp ,ilkhw;W Kiwikf;fhd ,ize;j miythpir gP.vd;.rP |
| **fzpj> nghwpapay; jj;Jtj; Jiw** | |
| N[.V.b.vg;.vk; [ajpyf tphpTiuahsh; | ngsj;j jj;Jtj;jpd; ghh;itapNy fhd;> ngahh; ngz;l;> Nuhj;jp Mfpa jj;Jtapayhsh;fspd; mwpthjhu Kiwapay;fspd; ,ilj;njhlh;gpdJ tiuaiwfs; |
| jpU.rP.gP.v];.gjpud tphpTiuahsh; (ed;dlj;ijf; fhyk;) | vOkhwhd rf;jp khjphpapD}lhf khjphp hP-fy ,af;fj;jpw;fhd fzpj kw;Wk; fzpdp hPjpahd mZFKiw |
| jpU. [p. ee;jNrd | fzpj msitapay;> jj;Jtk;> nghwpapay; |
| **,ae;jpug; nghwpapay; Jiw** | |
| jpU.lgps;A.Mh;. j nky;> rpNu\;l tphpTiuahsh; juk; I | 4- WD ,w;fhd tpNtff; fl;Lg;ghl;lhsh; ( ehd;F rf;fu ,af;f kpd;rhu cyhtp> jj;Jt KJkhdp Nkw;ghh;itahsh;  ,yq;iff;fhd fhw;W-#hpa fyg;G kpd; cw;gj;jp Kiwikia tbtikj;jy;. tpQ;Qhd KJkhdpf; fUj;jpl;l Nkw;ghh;itahsh; |
| fyhepjp vr;.b.Fzjpyf;f>rpNu\;l tphpTiuahsh; juk; I | Neub ,izaj;js fw;ifnewpfspyhd khzth; nrayhw;Wifia kjpg;gpLjy; |
| fyhepjp vd;.v];.Nrdehaf;f>rpNu\;l tphpTiuahsh; juk; I | ,yq;ifapy; rpwpa mstpyhd ePh; kpd; epiyaj;jpypUe;J ngwg;gLk; rf;jpia mjpfhpj;jy;  vjph;fhy rf;jpj; Njit> tsp tpirahop nrayhw;Wif kPjhd Fsp&l;Lk; kpd; nrwpTf; fhw;wpd; jhf;fk;> cwpQ;Rk; ciwFsp&l;liyg; gad;gLj;Jk; rhj;jpak; vd;gdtw;iw vjph;T$w fszpjp];] kpd; epiyaj;jpNy cy;yhrg; gazj; Jiw gad;gLj;Jk; rf;jpia khjphpg;gLj;jy; |
| jpUtjp.hP.v];.v];. [l;Ldhur;rp>rpNu\;l tphpTiuahsh; juk; I | ,yq;if N`hl;ly; Jiwapy; fhgdPnuhl;i]l; ntspNaw;wj;ijAk; vjph;fhy tpguf; Fwpg;Ngl;ilAk; gFg;gha;Tnra;jy; |
| jpUtjp.hP.vk;.b.vd;.nkjnfju>rpNu\;l tphpTiuahsh; juk; I | lah; cw;gj;jpapy; #Nlw;Wk; nrad;Kiwf;fhf caphpay; jpzptpid mwpKfg;gLj;Jtjdhy; Vw;gLk; jhf;fj;ijg; gFg;gha;T nra;jy;  rf;jp vhpg;G ,ae;jpuj;;jpw;F rpwpa mstpyhd fopTfis mwpKfg;gLj;jy; |
| fyhepjp Nf.<.b.Rkdrpwp>rpNu\;l tphpTiuahsh; juk; I | fuj;jpdhy; ,af;fg;gLk; kuts;sp Miy.  #Nlw;wpa gpd;dh; kuf; fl;ilfis tisj;jy;.  RpwpaNjhh; ghk; ku vz;nza;f; fl;likg;ig tbtikj;jy; |
| jpU.b.rp. tpN[th;jd> rpNu\;l tphpTiuahsh; juk; II | ,ae;jputpay;rhh;cw;gj;jpg; nghUl;fis tbtikf;f fzpdp cjtpAldhd tbtikg;Gf; fUtpfisg; gad;gLj;JtJ gw;wp Muha;jy;.  gy;yplg; gug;G Kiwikfis khjphpg;gLj;j fl;Lg;ghl;L tiuGfisg; gad;gLj;jy;. |
| fyhepjp Wkpe;j N[. tpkyrpwp> rpNu\;l tphpTiuahsh; juk; II | jd;dpaf;f Mil fhh;l;^d; nghjpaplYk; njhopw;rhiy tpw;gid epiyaq;fSf;F vLj;Jr; nry;Yk; KiwikAk;  nts;sg; gpuNjrq;fSf;fhd cs;ehl;L cgfuzg; ghJfhg;G J}f;Fg; nghwp  mWit rpfpr;ir nra;ag;gl;l NehahspfSf;fhd ergonomic itj;jparhiyf; fl;biy tbtikj;J tpUj;jpnra;jy;  sEMG rkpq;iQ Kiwapdhy; (Elec. & Com. Eng.) fl;Lg;gLj;jg;gLk; nraw;iff; fuk; xd;iw tbtikj;jy;  ehw;W NkilfSf;fhf nrhunrhug;ghd grisj; njsp fUtp xd;iw tbtikj;J cUthf;Fjy; ( tptrhaj; jpizf;fsk;)  $iu Nky; nra;iff;fhd kz; <uypg;G czh;jpwDila jd;dpaf;f nrhl;L ePh;g;ghrd Kiwikapid tbtikj;jy; (tptrhaj; jpizf;fsk;)  ,yq;ifapy; Njapiy cw;gj;jpj; JiwapYs;s rf;jp Nrkpg;G rhj;jpatsj;jpidf; fzpg;gpLjy;  ,yq;ifapd; mgptpUj;jpapy; tpkhdg; gazj;jpd; Njitfis epiwNtw;Wk; nghUl;L ,yq;if tpkhdg; gilapd; rkhjhd fhy gq;fspg;gpidj; jOtp elj;jy; |
| jpUtjp.gP.hP.Mh;.jghp> tphpTiuahsh; (ed;dlj;ijf; fhyk;) | ,ae;jputpay;rhh; cw;gj;jpg; nghUl;fis tbtikf;f fzpdp cjtpAldhd tbtikg;Gf; fUtpfisg; gw;wp Muha;jy;.  Fsp&l;b Kiwikf;fhd FQ;rk;Nghd;w msitapay; fl;Lg;ghl;Lf; fUtp  ,ae;jpu Nehf;fpidg; gad;gLj;jp tifg;gLj;jYf;fhd Mtzq;fis ,dq;fhZk; Kiwik.  ,ae;jpu Nehf;fpidg; gad;gLj;jp mDkjpapd;wp ATM ,ae;jpuq;fisg; gad;gLj;Jtijj; jLj;jy; |
| **nerTg; nghUs;> Milj; njhopy;El;gj; Jiw** | |
| jpU. vk;.V.I. ngNuuh | Milj; njhopw;rhiy ngz; Copah;fspd; jd;dhh;tj; njhopy; ifKjy; kPjhd r%f ,Of;fpdhy; Vw;gLk; jhf;fj;ij Muha;jy; |
| jpU. vk;.V.I. ngNuuh | $l;Lg; nghUl;fis tpUj;jpnra;tjw;fhf ,yq;ifapd; ntt;NtW th;f;fq;fspypUe;J ehh;g;nghUl;fis tpidj;jpwDld; gad;gLj;Jjy; |
| jpU. vy;.v];.V. ngNuuh | ,yq;if jpwe;j gy;fiyf;fofj;jpdhy; gpd;gw;wg;gLk; J}u fw;gpj;jy; Kiwikfs; ,yq;ifapy; Milj; njhopypd; gapw;rpj; Njitfis vt;tsT rpwg;ghf epiwNtw;w KbAk; vd Muha;jy; |
| jpU. vy;.v];.V. ngNuuh | Milj; njhopy;El;g mwpKff; fw;if newpapd; khzth; kjpg;gPl;L KiwikapdJ tpidj;jpwid Muha;jy; |
| fyhepjp vk;.<.Mh;. ngNuuh | ijay; ,ae;jpuj;jpd; Ntfk; %l;Ltha; ePsj;jpd; kPJ Vw;gLj;Jk; jhf;fj;ij Muha;tjw;fhd Xh; Ma;T |
| Nguhrphpah; v];.V. MhpaJiu | Rj;jkhd fpzw;W ePiu toq;Ftjw;fhf Gtpapay; $l;Lg;nghUs; njhopy;El;gj;ijg; gad;gLj;Jjy; |
| fyhepjp rP.vd;. N`uj; | Jitf;Fk; Rw;Wf;fspd; vz;zpf;if %l;Ltha; ePsj;jpd; kPJ Vw;gLj;Jk; nry;thf;fpid ,dq;fhz;gjw;fhdNjhh; Ma;T |
| jpUtjp.vr;.V.V.<. ngNuuh | Ra Rj;jpfhpg;Gg; nghUl;fs; eNdh – Jfs;fshy; Nghh;j;jg;gl;l rpy;yiwj; Jzpkzpfs; kPjhd tpistpidf; fz;lwptjw;fhdNjhh; Ma;T |
| jpUtjp.b.v];.tpN[uj;d | ,yq;ifapd; jdpj;Jtj;ij mbg;gilahff; nfhz;L etehfhPf tpsf;fg;gl njhlh;ghly; Kiwik xd;wpid tpUj;jpnra;jy; |
| jpU. vk;.V.I. ngNuuh | $l;Lg;nghUl;fis tpUj;jpnra;tjw;fhf ,yq;ifapd; ntt;NtW thio th;f;fq;fspypUe;J ehh;g; nghUl;fis tpidj;jpwDld; gad;gLj;Jjy; |
| fyhepjp rP.vd;. N`uj; | nfhl;ld; - nghypna];lh; th;zkw;w Milapd; xg;gidj; juj;jpd; kPjhd %l;Ltha; mstPl;bd; nry;thf;F |
| Nguhrphpah; lgps;A.V.tpkytPu | ijay; E}w;fspd; njha;Tg; nghUl;fs; RUf;F %l;Ltha;fspd; kPJ Vw;gLj;Jk; nry;thf;F |
| Nguhrphpah; lgps;A.V.tpkytPu | kUj;Jt cgfuzj;jpw;fpzq;f njhpT Kiwnahd;iw epWTk; Nehf;Fld; fPo; cWg;G cs;ehs xOq;fPdr; rpfpr;irf;fhfg; gad;gLj;jg;gl;l gpd;dg;gl;;l mKf;f fhYiwfs; gw;wp Muha;jy; |

**ntspaPLfs;**

|  |  |
| --- | --- |
| **ngah;** | **ntspaPl;bd; jiyg;Gk; njhlh;Gila tpguq;fSk;** |
| **tptrha> ngUe;Njhl;lg; nghwpapay; Jiw** | |
| Nguhrphpah; rP.v];. j rpy;th | **rP.v];. j rpy;th**(2013).,yq;ifapy; vjph;fhy fhyepiyia khjphpg;gLj;jYk; mjid vjph;T$Wtjw;fhd rhj;jpag;ghLk;. ,yq;if ePh; ts Muha;r;rp. tptrha gl;lg;gpd;gbg;G epWtfk;>ISBN 978-955-1308-18-6, gf;. 15-28  mNdhkp> [p.tp.vd;.>**rP.v];. j rpy;th**(2013). fhyepiy khw;wk; fhuzkhf ntg;g jifg;gpidj; jOTjy;: epyf;fliy kz; gjhh;j;jq;fs;> tsh;r;rp> tpisr;ry; gw;wpaNjhh; Ma;T. ,yq;if ePh; ts Muha;r;rp. tptrha gl;lg;gpd;gbg;G epWtfk;> ISBN 978-955-1308-18-6, gf;. 83-92  **rP.v];.j rpy;th**(2013). aho; Flhtpy; fhyepiy khw;wj;jpd; jhf;fKk; rhj;jpakhd jOty; eltbf;iffSk;> gRik nghUshjhuj;ij Nehf;fp ,yq;ifia top elhj;Jk; v];.rP.gP.> epiyahd Efh;T kw;Wk; cw;gj;jp gw;wpa 2tJ ,yq;if tl;l Nkir.gf;. 16-17  jpD\hdp> Nf.Nf.gP. **rP.v];.j rpy;th>** vk;.b.vk;. Fzth;jd (2013). gaphpidj; jPh;khdpj;jy;- ,yq;ifapd; bvy;1gp tptrha #oypay; gpuhe;jpaj;jpNy ghrpg;gaw;wpd; (tpf;dul;l vy;.) FzfKk; gapUf;fhd ePh;j; Njitg;ghLk;. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff; Fwpg;Gfs;. ISBN 2012-9912, gf;.11-14  **rP.v];.j rpy;th**(2013). tPl;Lj;NjitfSf;fhf> ,yq;ifapd; aho;g;ghzk;> tTdpah> mDuhjGuk;>FUehfy;>mk;ghe;Njhl;ilapYs;s ePhpd; juj;ij kjpg;gpLjy;. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff; Fwpg;Gfs;. ISBN 2012-9912> gf;. 5-8  jp\hdp>gP.hP.vd;.> **rP.v];. j rpy;th>**(2013). jf;fhspapd; (n]hydk; iyNfhNg]pfk;-jpypd th;f;fk;) tsh;r;rp msTfs; kPjhd jiof;$sj;jpd; jhf;fk;. fd;Wfs; cah; ntg;gepiyf;Fk; ePh;j; jifg;Gf;Fk; MshdJ. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff; Fwpg;Gfs;. ISBN 2012-9912> gf;.14-18  jp\hdp>gP.hP.vd;.> **rP.v];. j rpy;th>**(2013). jf;fhspapd; (n]hydk; iyNfhNg]pfk;-jpypd th;f;fk;) tpisr;ry; msTfs; kPjhd jiof;$sj;jpd; jhf;fk;. fd;Wfs; cah; ntg;gepiyf;Fk; ePh;j; jifg;Gf;Fk; MshdJ. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff; Fwpg;Gfs;. ISBN 2012-9912, gf;. 19-22.  nehhpfh mNahkp>[P.tP.> **rP.v];. j rpy;th>**(2013). Nrhsg; gaph;fs;( ]pah khah. vy;.) ntg;gepiyj; jifg;gpid vjph;j;J rkhspg;gjw;fhf jiof;$sq;fs; kz; gjhh;j;jq;fs; kPJ Vw;gLj;Jk; jhf;fk;. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff; Fwpg;Gfs;. ISBN 2012-9912, gf;.23-26.  Kdrpq;f> v];.v];.gP.> v];.V. ehfe;jy>**rP.v];. j rpy;th>**gP. nrdtpuj;d> v];.vk;.vk;.,f;ghy;> gP.b. gjpuz (2013). ,yq;ifapd; ,ilepiy tyaj;jpYs;s ,ug;gh; ehw;WNkilfspNy njhopy;El;g hPjpahff; Fwpg;gplg;gl;l>rhjhuz Kiwapy; Fwpg;glg;gl;l J}ty; ePh;g;ghrd Kiwikfspd; nrayhw;wiy kjpg;gpLjy;. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff; Fwpg;Gfs;. ISBN 2012-9912, gf;.27-32 |
| fyhepjp vr;.Nf.vy;.Nf. FzNrfu | **FzNrfu vr;.Nf.vy;.Nf.>**j nfh];jh lgps;A.V.N[.vk;.> Efhnty V. (2013). jpwe;j Rw;Wg;gl;il>,ug;gh; kug;ghy; ngsjPf mstPLfs; ,ug;gh; (n`tpah gpu]pypnad;]p];) tpisr;ry; kPJ Vw;gLj;Jk; jhf;fk;. rh;tNjr Gj;jhf;f> gpuNahf Ma;tpjo;>ISSN 2028 -9324: 4(1):88-100.  Nahfehjd; Mh;.>**FzNrfu vr;.Nf.vy;.Nf.>**`hpfud; Mh;. (2013). khl;nlUtpid xUq;fpizj;Jg; gad;gLj;Jjy;> kuf;fwpf; nfsgp (tpf;d md;FFyhl;lh) apd; tsh;r;rp> tpisr;ry; kPjhd Xh; mNrjdg; gris. cyf tpQ;Qhd> nghwpapay;> njhopy;El;g fy;tpf;fof ,jo;>80: 370-373.  fphp\he;j[p.b.>**FzNrfu vr;.Nf.vy;.Nf.>**Rfjjh] Nf.v];.v];.> gpu]d;fpfh Nf.lgps;A.b.v];.> tPurpq;f Nf.vk;.v];. (2013). kz;zpyp Ntshz;ikapd; fPo; nra;ifgz;zg;gl;l *gNfhgh nkhd;nda;hpapy*; tsh;r;rp nrayhw;wy; kw;Wk; Saponin $l;nlUtpid kjpg;gpLjy;. ,yq;if RNjr kUj;Jt ,jo; (,.R.k.,)> RNjr kUj;Jt epWtfk;> nfhOk;G gy;fiyf;fofk;>ISSN 2012 -9238: 3(1):163-169. |
| fyhepjp V.[p.gp. mWf;nfhl | hP.vd;. ngh;dhe;J>**V.[p.gp. mWf;nfhl>** rP.Nf. jp]hehaf;f> v];. FyJq;f(2013). efu tptrha nrad;KiwfspNy kz;zw;w nra;ifapd; fPo; tsh;f;fg;gLk; Pak- choi (*gpu];]pfh ugh*) ,d; tsh;r;rp kPJ mjprpwe;j ePh; cwpQ;Rk; kPr;Nrh;kj;jpd; ntt;NtW kl;lq;fs; Vw;gLj;Jk; jhf;fj;jpidAk; Nrjdj; jPh;TfisAk; Muha;jy;. tptrha> tpyq;F tpQ;Qhd rh;tNjr khehl;Lf; Fwpg;Gfs; 2013. ISSN 2279 -3682, gf;:85-97.  ngh;dhe;J> hP.vd;.>**V.[p.gp. mWf;nfhl>** rP.Nf. jp]hehaf;f> v];. FyJq;f(2013). kz; Clfj;jpd; kPJs;s jf;fhspapd; (*iyNfhNg]pfk; v];Fyz;lk*; kpy;) tsh;r;rp> mgptpUj;jp kPJ njhpTnra;ag;gl;l mjprpwe;j ePh; cwpQ;Rk; kPr;Nrh;k tPjq;fSk; ntt;NtW ePh; ,ilntspfSk; Vw;gLj;Jk; jhf;fj;jpid cah;j;Jjy;. ,sk; tpQ;Qhd kd;w fUj;juq;Ff; Fwpg;Gfs;> 2014 [dthp 17.  ngh;dhe;J> hP.vd;.>**V.[p.gp. mWf;nfhl>** rP.Nf. jp]hehaf;f> v];. FyJq;f(2013). jf;fhspapd; (*iyNfhNg]pfk; v];Fyz;lk*; kpy;) tsh;r;rp kPjhd mjprpwe;j ePh; cwpQ;Rk; kPr;Nrh;kk;> eP&w;Wk; nfhs;sstpd; jhf;fk; . nghwpapay; njhopy;El;g ,jopdhy; 2013 nrg;jk;ghpy; Vw;Wf;nfhs;sg;gl;lJ> nghwpapay; njhopy;El;g gPlk;> ,yq;if jpwe;j gy;fiyf;fofk;.  ngh;dhe;J> hP.vd;.>**V.[p.gp. mWf;nfhl>** rP.Nf. jp]hehaf;f> v];. FyJq;f(2013). kz;zw;w Clfj;jpd; kPJs;s jf;fhspapd; (*iyNfhNg]pfk; v];Fyz;lk*; kpy;) tsh;r;rp> mgptpUj;jp kPJ njhpTnra;ag;gl;l mjprpwe;j ePh; cwpQ;Rk; kPr;Nrh;k tPjq;fSk; ntt;NtW ePh; ,ilntspfSk; Vw;gLj;Jk; jhf;fj;jpid cah;j;Jjy;. 2014 [\_iy 4k;> 5k; jpfjpfspy; eilngwTs;s Nguhjidg; gy;fiyf;fof rh;tNjr Muha;r;rp mkh;tpdhy; Vw;Wf;nfhs;sg;gl;lJ. |
| **Fbrhh; nghwpapay; Jiw** | |
| Nguhrphpah; hP.vk;. gy;Nytj;j | gy;Nytj;j hP.vk;.> Mrphpah; ‘tUlhe;j eltbf;iffs; gw;wpa njhopy;El;g Ma;TfSf;fhd Rl;b>,yq;if nghwpapay; epWtdj;jpd; ,Q;rpdpah; ,jo;> (1906 – 2012)”, ISBN 978-955-1766-00-9, nghwpapay; epWtdk;> ,yq;if> 2013> 175 gf;. |
| Nguhrphpah; Nf.v];. tPuNrfu | nfhgy;yht b.rP.>**Nf.v];. tPuNrfu**, (2013). “fz;b Gifapuj re;jpapy; ghjrhhp ghJfhg;gpidAk; Nghf;Ftuj;J xOq;F tpjpfisAk; Nkk;gLj;jy;”> ,yq;if Njrpa tpQ;Qhd kd;w ,jo;> thy;.41> ,y.03> 2013 nrg;jk;gh;> gf;. 259-270 ,yq;if Njrpa tpQ;Qhd kd;wk;> [ISSN–1391-4588]  jpg;gl;Lntt b.gP.vk;.gp.>**Nf.v];. tPuNrfu**, (2013). “ efu tPjpfis mfyg;gLj;Jtjd; fhuzkhf> NguhjidapYs;s kz;rhpTf;fhf ];jpukw;w gpuNjrq;fis ];jpug;gLj;jy;> rPuhf;Ftjw;fhd eltbf;iffis tpUj;jpnra;jy; gw;wpa Ma;T”> nghwpapay; epWtdj;jpd; nghwpapay; ,jo;> ,yq;if> thy;.46>,y.02> 2013 Vg;uy;> gf;. 43-57> nghwpapay; epWtdk;> ,yq;if. [ISSN-1800-1122] |
| jpU.vk;.vd;.rP. rkutpf;uk | rP.I.gp. Fd;Wfs; kPjhd cz;ikahd kz;zpd; Nkw;gly cWjpj;jd;ikapd; nfhs;ssT gw;wpaNjhh; Ma;T: cj;Njrpf;fg;gl;l ehw;gj;jpnuz;L khbf; fl;bl fUj;jpl;lk; gw;wpa Neubf; fsMa;T>nfhOk;G 03> lgps;A.gP.v];.v];.tpN[rpq;f>**vk;.vd;.rP. rkutpf;uk>**,yq;if jpwe;j gy;fiyf;fofj;jpd;nghwpapay;> njhopy;El;g ,jo;> gf;. 15-30> 2013 nrg;jk;gh;. |
| **kpd;rhu> fzpdpg; nghwpapay; Jiw** | |
| vr;. g];Fthy; | *,RW rP. Nrduj;> vr;. g];Fthy;>‘*nryTr; rpf;fdkhd g]; nry;topj; jfty; Kiwik’>‘,yq;if jpwe;j gy;fiyf;fofj;jpd;nghwpapay;> njhopy;El;g ,jo;>thy;. 2 gf;.31-44> 2013 nrg;jk;gh;. |
| vy;.V. rkypMur;rp | [p.tP. Gj;jpf j rpy;th> rkypMur;rp> yypj; V.> ,yq;if rf;jp Kiwikf;fhd cr;r Nfs;tp Kd;dwptpg;G khjphp> nghwpapay;>,yq;if nghwpapay; epWtd ,jo;> thy;. : XXXXVI, ,y. : 04> 2013. |
| b.vd;. ghy#hpa | b.vd;. ghy#hpa> v];.b.vd;.V. [a#hpa>‘rP.b.vk;.V.2000 nrY}yh; Kiwikfspy; jd;dpaf;f> $l;Lj; js epiya tPr;R Vw;ghL”> nghwpapay;> 2014 [dthp. |
| **fzpj> nghwpapay; jj;Jtj; Jiw** | |
| fyhepjp v];. fpwp\;zFkhh; rpNu\;l tphpTiuahsh; juk; II | tyaikg;Gf; fzf;FfisAk; kpd;fhe;j nraw;ghl;L tyaikg;G kpd; cw;gj;jp ,ae;jpuq;fisAk; tifg;gLj;jy; tUlhe;j khehL>,yq;if jpwe;j gy;fiyf;fofk;>2013 etk;gh; 27-28.(A.gphpajh;\Dld;).  W}gpf;fpd; fdrJu 3b tpisahl;bd; fzf;F tplaq;fs;>tUlhe;j khehL>,yq;if jpwe;j gy;fiyf;fofk;>2013 etk;gh; 27-28.(tP.Rguk;ah).  ,Ugb tbt rkd;ghLfspd; fl;Lg;gLj;jg;glhj rhpTthl;lj;ij mbg;gilahff; nfhz;l rpwg;gpj;jy;> tUlhe;j khehL> ,yq;if jpwe;j gy;fiyf;fofk;>2013 etk;gh; 27-28.(v];. th`pdpAld;).  v];. fpwp\;zFkhh;> tiuG Nfhl;ghl;Lf; fzf;Ffis mKy;gLj;Jjy;- [hth fUtpj; njhFjp> nghwpapay;gw;wpa cyf fhq;fpu];> yz;ld;> gphpl;ld;>2013 [\_iy 3-5> (v];. tUZld;). |
| jpU.gp.b.tpjhuz rpNu\;l tphpTiuahsh; juk; II | ,yq;ifapy; Njhw;wk; ngWk; ed;nfhilhsh;fs;: jhf;fq;fSk; tpisTfSk;. rh;tNjr tpopg;G ,yq;iff;fhf rkh;g;gpf;fg;gl;l mwpf;if. (vr;.vd;. mku#hpaTld;).  Mrphpah;fs; midtUk; vq;Nf nrd;Ws;sdh;? gy;fiyf;fof fy;tpapayhsh;fSf;fhd Mrphpah; gapw;rpapd; murpay;> tUlhe;j fy;tprhh; mkh;Tfs;> ,yq;if jpwe;j gy;fiyf;fofk;> gf;.495-499. (vr;.vd;. mku#hpa> vr;. uk;Gf;nty> v];.ikj;jphpghy MfpNahUld;;). |
| jpU.N[.V.b.vg;.vk;. [ajpyf;f tphpTiuahsh; | “ngsj;j jj;Jtj;ij mbg;gilahff; nfhz;L mwptpidf; fl;bnaOg;Gjy;”, 2013,Muha;r;rpf; fUj;juq;F> rpwP [ath;jdGu gy;fiyf;fofk;. |
| **,ae;jpug; nghwpapay; Jiw** | |
| fyhepjp vd;.v];. Nrdhehaf;f rpNu\;l tphpTiuahsh; juk; I | Downdraft caphpay; jpzpT Mtpkhw;wf;fUtpapd; nrayhw;wy; kPJ ,Lf;Fg; gFjpapd; tpl;lk; Vw;gLj;Jk; jhf;fk;> rh;tNjr ,jo; rf;jpg; nghwpapay;>thy;.3> 2013 (JyPfh Fzuj;d> hP.v];.v];. [Jdhur;rp> Ngh nta; MfpNahUld;;).  rf;jp cw;gj;jpf;fhfg; gad;gLj;jg;gl;l Fsp&l;lg;gl;l Neubahf nrYj;jg;gLk; Bry; ,ae;jpuq;fspy; tpN\l vhpnghUs; ghtid kPjhd kpd;nrwpT tsp ntg;gepiy Vw;gLj;Jk; jhf;fk;> rh;tNjr ,ae;jpug; nghwpapay; kPsha;T>thy;.7> ,y.7> 2013 ([p.V. f`e;jfkNf> hP.v];.v];. [Jdhur;rp> MfpNahUld;;). |
| jpUtjp hP.v];.v];. [Jdhur;rp rpNu\;l tphpTiuahsh; juk; I | rf;jp cw;gj;jpf;fhfg; gad;gLj;jg;gl;l Fsp&l;lg;gl;l Neubahf nrYj;jg;gLk; Bry; ,ae;jpuq;fspy; tpN\l vhpnghUs; ghtid kPjhd kpd;nrwpT tsp ntg;gepiy Vw;gLj;Jk; jhf;fk;> rh;tNjr ,ae;jpug; nghwpapay; kPsha;T> thy;.7> ,y.7> 2013 ([p.V. f`e;jfkNf>vd;.v];. Nrdhehaf;f MfpNahUld;;).  Downdraft caphpay; jpzpT Mtpkhw;wf;fUtpapd; nrayhw;wy; kPJ ,Lf;Fg; gFjpapd; tpl;lk; Vw;gLj;Jk; jhf;fk;> rh;tNjr ,jo; rf;jpg; nghwpapay;> thy;.3> ,y.3> 2013 (JyPfh Fzuj;d> vd;.v];. Nrdhehaf;f> Ngh nta; MfpNahUld;;). |

**epfo;r;rpj;jpl;lq;fs;> fUj;juq;Ffs;> nraykh;Tfs; gw;wpa tpguq;fs;:**

|  |  |
| --- | --- |
| **ngah;** | **Ma;Tj; jiyg;G / khehl;bd; ngah;> ,lk;** |
| **tptrha> ngUe;Njhl;lg; nghwpapay; Jiw** | |
| fyhepjp vr;.Nf.vy;.Nf. FzNrfu | Fzjpyf;f gP.V.b.v];.gP.>**FzNrfu vr;.Nf.vy;.Nf**.> uh[gf;\ N[.rp.> uzJq;f vd;.gP. (2013). gad;gLj;jg;gl;l fhshd; fPoLf;Ffis efu tptrhaj;jpNy gad;gLj;JtJ gw;wpa rhj;jpats Ma;T. tha;%y rkh;g;gzj;jpw;fhfTk; eltbf;iff; Fwpg;GfSf;fhfTk; KO Ma;Tf; fl;LiuAk; 2013 I.rp.gP.<.v];. ,y; Vw;Wf;nfhs;sg;gl;Ls;sJ. jhtu> #oy; tpQ;Qhdk; gw;wpa rh;tNjr khehL> 2013 xf;Njhgh; 14-15> x]hfh>[g;ghd;. |
| **Fbrhh; nghwpapay; Jiw** | |
| Nguhrphpah; Nf.v];. tPuNrfu | Fkhu Nf.vk;.[p.vd;.v];.> Fkhurpwp gP.tP.vk;.>**tPuNrfu Nf.v]**;. (2013). ‘Ntf khw;w rf;fuq;fisg; gad;gLj;jp Nkd;ghy ghjrhhp flg;Gf;fis rPuhf;Ftjw;fhd Kiwapay;’ . ,yq;if jpwe;j gy;fiyf;fofj;jpd; eltbf;iff;Fwpg;Gfs;>tUlhe;j fy;tprhh; mkh;Tfs;> 2013> 27-28 etk;gh; 2013> gf;.247-250>[ISSN–2012-9912].  nfhgy;yht A.V.>**tPuNrfu Nf.v]**;. (2013). ‘tPjpr; re;jpfSf;fUfhikapy; Kr;rf;fu tz;bfspd; jhpg;gplk; fhzg;gLtjdhy; Nghf;Ftuj;J xOq;fpy; Vw;gLk; jhf;fq;fs;’. ,yq;if jpwe;j gy;fiyf;fofj;jpd; eltbf;iff;Fwpg;Gfs;>tUlhe;j fy;tprhh; mkh;Tfs;> 2013> 27-28 etk;gh; 2013> gf;.242-246>[ISSN–2012-9912]. |
| jpU.vy;.v];.v];. tpN[th;jd | jPgpfh lgps;A.b.rP.>**tpN[th;jd vy;.v];.v];.** (2013). ‘vz;zf;fUf; Fwpg;G; fubahd jpz;kf;fopT kLtj;jpdhy; Vw;gLk; khrilitf; Fiwg;gjw;fhd eph;khdpf;fg;gl;lNjhh; <uepyk;’>,yq;if jpwe;j gy;fiyf;fofj;jpd; eltbf;iff;Fwpg;Gfs;>tUlhe;j fy;tprhh; mkh;Tfs;> 2013> 27-28 etk;gh; 2013> gf;.1510-1513>[ISSN–2012-9912]. |
| fyhepjp gP.V.Nf. fUzhee;j | rkpe;j v];. gz;lhu> Rjj; rP. rpwpth;jd> fky; fUzhde;j> cja I.jp]hehaf;f> uQ;[pj; jp]hehaf;f>‘Nrhh;T tho;T kjpg;gPl;bw;fhd ,lf;Fwpg;gPl;L v];-vd; tisTfis tpUj;jpnra;a jpz;ikia mbg;gilahff; nfhz;l mopTjuh Kiwik’>*fl;likg;Gg; nghwpapay; kw;Wk; eph;khd Kfhikj;Jtk; njhlh;ghd 4tJ rh;tNjr khehL (f.ngh.ep.K.r.kh)*> fz;b> ,yq;if> 2013 brk;gh; 13-15.  gP.V.Nf. fUzhee;j> Nf. rjP];Fkhh;> vr;.lgps;A.I. gpughj;>‘,yq;ifapy; rhj;jpakhd G+kpajph;r;rp RikfSf;fhf ghlrhiyf; fl;blq;fis fl;likg;G hPjpahf kjpg;gpLjy;’>*fl;likg;Gg; nghwpapay; kw;Wk; eph;khd Kfhikj;Jtk; njhlh;ghd 4tJ rh;tNjr khehL (f.ngh.ep.K.r.kh)*> fz;b> ,yq;if> 2013 brk;gh; 13-15.  A.tpf;ukul;d> Mh;. tpN[jh]> N[. ypadfk> vy;.v];.v];. tpN[th;jd>gP.V.Nf. fUzhee;j>*ehuN`d;gpl;l Gifapuj ghyj;jpd; epiyikapid kjpg;gpLjYk; fzpg;gpLjYk;> tUlhe;j Muha;r;rp mkh;T 2013*>*,yq;if jpwe;j gy;fiyf;fofk;.* |
| **kpd;rhu> fzpdpg; nghwpapay; Jiw** | |
| fyhepjp V. gP. kJug;ngUk | vy;.V.vk;.gP. epkyuj;d>V. gP. kJug;ngUk> Nf.V.Mh;.b. Fzuj;d>‘ghh;itapoe;j kf;fSf;fhf mZFk; jfty;fis Nkk;gLj;Jk; Kiwikapid tbtikj;J mKy;gLj;Jjy;’> 69tJ tUlhe;j mkh;T 2013> ,yq;if tpQ;Qhd Nkk;ghl;Lr; rq;fk; (,y.tp.Nk.r).  vy;.V.vk;.gP. epkyuj;d>V. gP. kJug;ngUk> Nf.V.Mh;.b. Fzuj;d>‘r%f xl;Lwtpid Nkk;gLj;j njhopy;El;gj;ijg; gad;gLj;jy;’, ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;T 2013.  hP.rP. re;jehaf;f>V. gP. kJug;ngUk> czh;T G+h;tkhd ,yj;jpudpay; fw;wYf;fhd fzpdp khjphp> I.<.<.<. vk;.I.hp.< 2013> vk;.X.X.rP. gw;wpa I.<.<.<. rh;tNjr khehL> fy;tpapy; GJikAk; njhopy;El;gKk; (*vk;.I.hp.<* )> 2013>jprk;gh; 20-22. |
| Nf.V.Mh;.b. Fzuj;d | vy;.V.vk;.gP. epkyuj;d>V. gP. kJug;ngUk> Nf.V.Mh;.b. Fzuj;d>‘ghh;itapoe;j kf;fSf;fhf mZFk; jfty;fis Nkk;gLj;Jk; Kiwikapid tbtikj;J mKy;gLj;Jjy;’> 69tJ tUlhe;j mkh;T 2013> ,yq;if tpQ;Qhd Nkk;ghl;Lr; rq;fk; (,y.tp.Nk.r).  vy;.V.vk;.gP. epkyuj;d>V. gP. kJug;ngUk> Nf.V.Mh;.b. Fzuj;d>‘r%f xl;Lwtpid Nkk;gLj;j njhopy;El;gj;ijg; gad;gLj;jy;’, ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;T 2013. |
| fyhepjp b.b.vk;. uzrpq;` | ,yq;ifapy; Gtpapay; jfty; Kiwikf;fhd Gtpapid ,izj;jy; kw;Wk; gl tiuG Kiwik (G.,.g.t)>Muha;r;rpf; fl;Liu/ khehl;Lf;Fwpg;Gf;fs; / fzpdp tpQ;Qhdk; kw;Wk; fy;tp gw;wpa rh;tNjr khehL (f.tp.f.r.kh 2013).  [p.vy;. jpy;`hdp>b.b.vk;. uzrpq;` (2013, ‘,yq;ifapy; tptrhaj; Jiwf;fhd Gtpapay; jfty;’, Nf.b.A rh;tNjr Muha;r;rpf; fUj;juq;F 2013> nfhOk;G> ,yq;if.  V.b.it. mDuhjh> b.vd;.ghy#hpa>b.b.vk;. uzrpq;` (2013, ‘elkhLk;njhlh;ghly;fSf;fhd Nfs;tpia Nehf;fpa thbf;ifahsh; gz;Gfspd; jhf;fk; gw;wpa Ma;T”>tUlhe;j fy;tprhh; mkh;Tfs;> ,yq;if jpwe;j gy;fiyf;fofk;> gf;.137-140.  V.b.it. mDuhjh> b.vd;.ghy#hpa>b.b.vk;. uzrpq;` (2013, ‘,yq;if efu epue;ju tahpyp njhlh;ghly; Jiwf;fhd Nfs;tpapid vjph;T$wy;”>elkhLk; njhlh;ghly;fSf;fhd Nfs;tpia Nehf;fpa thbf;ifahsh; gz;Gfspd; jhf;fk; gw;wpa Ma;T”>tUlhe;j fy;tprhh; mkh;Tfs;> ,yq;if jpwe;j gy;fiyf;fofk;> gf;.141-144. |
| fyhepjp vr;.A.lgps;A. ul;ehaf;f | vr;.vk;.Mh;.gP.gp. N`uj;>vr;.A.lgps;A. ul;ehaf;f> tOfy; jpl;lkplYf;fhd gy Kfth; Kiwik>Muha;r;rpf; fl;Liu/ khehl;Lf;Fwpg;Gf;fs; / fzpdp tpQ;Qhdk; kw;Wk; fy;tp gw;wpa rh;tNjr khehL (f.tp.f.r.kh 2013). |
| b.vd;. ghy#hpa | vd;. ghy#hpa> rP. tNtnfju>‘gy;-top tahpyp ,ilkhw;wPl;L Kiwikfspy; $Wk; ,ize;j miythpir ngsjPf mLf;F tiyaikg;G’> eltbf;iff; Fwpg;Gfs;>I.<.<.<. I.rP.I.I.v];> 2013.  vd;.rP. rkutpf;uk> b.vd;. ghy#hpa>‘fz;ziwj; js-epiya vr;rhpf;if fz;fhzpg;G Kiwikapid jahh;epiyapy; itj;jpUj;jy;’> I.<.v];.vy;. tUlhe;j epiya mwpf;iffs;> 2013.  vk;.gp. Kh;\pj;> b.vd;. ghy#hpa>“Nra;ikf; fl;Lg;ghl;L Nfhopj; jPD}l;b xd;wpid tbtikj;jy;”> I.<.v];.vy;. tUlhe;j epiya mwpf;iffs;> 2013. |
| rP.N[. g];ehafNf | gp.V.I. rk;gj;> rP.N[. g];ehafNf>‘tpidj;jpl;g tpz;zg;gq;fspNy FWf;Fntl;Lj; njhlh;ghf mwptpj;jiy mDg;Gjy;’>eltbf;iff;Fwpg;Gfs;>tUlhe;j fy;tprhh; mkh;Tfs;> 2013. gf;.45-49> 2013 etk;gh;.  vk;.I. Rjrpq;`>rP.N[. g];ehafNf>‘ Njrpa mgptpUj;jpia Nehf;fpa nghwpapay; khztdpd; GyDzh;Tk; kdg;ghq;Fk;’> eltbf;iff;Fwpg;Gfs;>tUlhe;j fy;tprhh; mkh;Tfs;> 2013. gf;.145-149> 2013 etk;gh;. |
| vy;.v];.Nf. cLfk | cLfkvy;.v];.Nf. > [PfdNf N[.> FWg;GMur;rp lgps;A.tP.>‘,iznahj;j nray;Kiwiaf; fw;gpg;gjw;fhd cUtq;nfhLf;ff;$ba gy-ika nray;Kiwahf;fp’> eltbf;iff;Fwpg;Gfs;> ifj;njhopy; kw;Wk; jfty; Kiwikfs; njhlh;ghd 8tJ I.<.<.<. rh;tNjr khehL> (if.j.K.r.kh)> 2013> gf;.326-331. |
| **,ae;jpug; nghwpapay; Jiw** | |
| fyhepjp vd;.v];. Nrdhehaf;f rpNu\;l tphpTiuahsh; juk; I | fhe;j kpd;dhf;fp – fNyhhpg; nghUl;fspdhy; Vw;gLk; Fsp&l;ly; tpisT> v];.vy;.V.V.v];.tUlhe;j mkh;Tfs;> 2013> nfhOk;G (Nf.gp.v];. j rpy;th> hP.v];.v];. [Jdhur;rp MfpNahUld;).  ,yq;if Rw;whly; epiyikfspd; fPo; n`hN`d;n`apk; gy;fiyf;fofj;jpdhy; tpUj;jpnra;ag;gl;l #hpa Foy; cyh;j;jpia kjpg;gpLjy;>v];.vy;.V.V.v];. tUlhe;j mkh;Tfs;> 2013> nfhOk;G (gP.vd;.Mh;.N[. mKDfk> Mh;.v];.lgps;A. tpN[ul;dk;>Nf.b.[p. FyJq;f MfpNahUld;).  ,izntg;gf; fsQ;rpak; nghUj;jg;gl;l #hpa rl;l cyh;j;jpapd; nrayhw;wiy kjpg;gPLjy;>v];.vy;.V.V.v];. tUlhe;j mkh;Tfs;> 2013> nfhOk;G (gP.vd;.Mh;.N[. mKDfk> Nf.b.[p. FyJq;f MfpNahUld;). |
| jpUtjp.hP.v];.v];. [Jdhur;rp rpNu\;l tphpTiuahsh; juk; I | fhe;j kpd;dhf;fp – fNyhhpg; nghUl;fspdhy; Vw;gLk; Fsp&l;ly; tpisT> v];.vy;.V.V.v];.tUlhe;j mkh;Tfs;> 2013> nfhOk;G (Nf.gp.v];. j rpy;th>vd;.v];. Nrdhehaf;fMfpNahUld;). |
| **Gilit>Milj; njhopy;El;gj; Jiw** | |
| fyhepjp rP.vd;. N`uj; | rkh;g;gzj; jiyg;G: xw;iw fk;gspr; rl;il> 1x1gpd;dy; Nky;thp ikag;gFjp E}w;fg;gl;l gUj;jp –spandex Milfspy; fl;likg;G khw;wq;fs; gw;wpa xg;gPl;L Ma;T> thpf;Fiwg;G khehL>tUlhe;j mkh;Tfs;> 2012>,yq;if jpwe;j gy;fiyf;fofk;> Mz;L: 2013 ngg;uthp. |
| Nguhrphpah; lgps;A.V. tpkytPu | rkh;g;gzj; jiyg;G: ryitg; ghpfuzq;fspd; fPo; 1x1 gpd;dy; Nky;thp ikag;gFjp E}w;fg;gl;l gUj;jp –spandexkw;Wk; 100% gUj;jp Milfspd; thpf;Fiwg;G elj;ij > khehL>tUlhe;j fy;tprhh; mkh;Tfs;> 2013>,yq;if jpwe;j gy;fiyf;fofk;> Mz;L: 2013 etk;gh;. |
| fyhepjp vk;.<.Mh;. ngNuuh | ,yq;ifapy; njhpTnra;ag;gl;l Mil cw;gj;jp mikg;Gf;fspNy mKy;gLj;jg;gl;l kl;ljukhd vz;zf;fUtpd; gaDWjpia ghprPypg;gjw;fhd Xh; Ma;T>tUlhe;j mkh;Tfs;> 2012>>,yq;if jpwe;j gy;fiyf;fofk;> Mz;L: 2013 ngg;uthp. |
| fyhepjp vk;.<.Mh;. ngNuuh | %l;Ltha; ePsj;jpd; kPJ ijay; ,ae;jpu Ntfk; Vw;gLj;Jk; tpistpid ghprPypg;gjw;fhd Xh; Ma;T>tUlhe;j mkh;Tfs;> 2012>>,yq;if jpwe;j gy;fiyf;fofk;> Mz;L: 2013 etk;gh;. |
| jpUtjp.b.rP. tpN[uj;d | etPdj;Jf;fhd kuG - ,yq;if tiuG El;gq;fspdhy; cs;thq;fg;gl;l etehfhPf tpsf;fg;gl KiwikfSf;fhd vz;zf;fUtpid tpUj;jpnra;jy;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;T 2012 ,y; rkh;g;gpf;fg;gl;lJ. |
| Nguhrphpah; v];.V. mhpaJiu | FbePh; Gtpf;$l;Lr;Nrh;khdq;fspypUe;J cNyhf khRfis njhpTKiwapy; mfw;Wtjw;fhf ,urhad hPjpahf jpUj;jpaikf;fg;gl;l Gtprhh; Milfisg; gad;gLj;jy;>2013 Vg;uy; 1-4> ePs; flw;fiu> fypNghdpah> mnkhpf;fh. |

**khdpltpay; kw;Wk; r%f tpQ;Qhd gPlk;**

**rl;lf; fw;ifj; Jiw**

|  |  |  |
| --- | --- | --- |
| ngah; | Muha;r;rpfspd;/,jo;fspd; / Gj;jfq;fspd;/Ma;Tg;gj;jpuq;fspd; jiyg;G | ntspaplg;gl;l/th;j;jfkag;gLj;jg;gl;l/ |
| jpU. uh[h Fzuj;d  (jiyth;/ rl;lf; fw;iffs;) | 1978 Mk; Mz;L murpay; ahg;gpd; ruj;J 14 (V) ,y; toq;fg;gl;lthW FbapUj;jiyj; njhpTnra;tjw;fhd Rje;jpuk;> mjd; eilKiw gw;wpa tpkh;rd hPjpahd Ma;T> ,yq;ifapy; mKy;gLj;jy;. | eilngw;Wf;nfhz;bUf;fpwJ |
| ngsj;jj;jpd; rl;l rpe;jidfs; | eilngw;Wf;nfhz;bUf;fpwJ |
| 1973 Mk; Mz;bd; rl;l ,y. 1,d; tPl;Lr; nrhj;J kPjhd cr;r tuk;G gw;wpa tof;Ffspd; RUf;fk;. | eilngw;Wf;nfhz;bUf;fpwJ |
| Guhjd ,yq;ifapy*; kfk; Nrhypah* vd;w Gidg; ngah; nfhz;l ngz;fSf;fhd RNjr ePjpkd;w Kiwik. | eilngw;Wf;nfhz;bUf;fpwJ |
| Ntty;fl;ba fy;ntl;bid kPsthrpj;jy; - vgpfpugpah rPyPd;fhtpy; gjpTnra;ag;gl;lthW ,yq;ifapd; Guhjd jz;lidf; Nfhit. | eilngw;Wf;nfhz;bUf;fpwJ |
| Nguhrphpah; (fyhepjp) rP.<. Fzuj;d | fpuhkpag; ngz;fSk; epiyahd mgptpUj;jpAk; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpU. Nuh`d uj;ehaf;f | ,yq;ifapd; rl;l Kiwikapy; ,sikg;gUt ePjp: rpWth;fSf;F ePjp toq;Ftjw;fhd GjpaNjhh; mZFKiw. | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUtjp.aNrhjuh fjph;fhkj;;jk;gp | “,e;jpahtpYs;s ,yq;if mfjpfspd; nghUshjhu>r%f chpik”. | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ.  ,lk;ngah;T njhlh;ghd rh;tNjr khehl;by; rkh;g;gpf;fg;gl;lJ> ,yq;if> 2013 [dthp (,yq;if Njrpa tpQ;Qhd kd;wk; xOq;Fnra;jJ). |
| rh;tNjrf; Fw;wkhf rpj;jputijiaj; jilnra;jy; | eilngw;Wf;nfhz;bUf;fpwJ |
| fy;tpf;fhd chpikAk; njhpTnra;ag;gl;l ehLfspYs;s ,e;jpa tk;rhtsp kf;fSk; - rl;lg; ghh;itAld; Xh; xg;gPl;Lg; gFg;gha;T | eilngw;Wf;nfhz;bUf;fpwJ |
| rkhjhdj;ijf; fl;bnaOg;Gjy; kw;Wk; ey;ypzf;fj;Jf;fhd kdpj chpikia mbg;gilahff;nfhz;l mZFKiw - ,yq;if mDgtk; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUtjp.RNdj;uh Fzjpyf | ,yq;ifapy; xg;ge;j cUthf;fj;jpd; kPJ njhopy;El;g Kd;Ndw;wq;fs; Vw;gLj;Jk; jhf;fk; | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ.  ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;tpy;  rkh;g;gpf;fg;gl;lJ>2013 |
| kd nfhs;ssT> kdNeha;> kdpj chpikfs;- ,yq;ifr; rl;lk; gw;wpa Xh; xg;gPl;Lg; gFg;gha;T | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUtjp. thrdh gz;bjuj;d | ifj;njhopy; Kuz;ghLfisj; jLf;fTk; jPh;f;fkhd ,yq;ifapd; ifj;njhopy; Kuz;ghl;Lr; rl;lj;jpy; Vw;gLj;jg;gl;Ls;s nghwpKiwfspd; jhf;fj;ij tpkh;rd hPjpahf kjpg;gpLjy; | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. rl;lk;> ePjp gw;wpa rh;tNjr khehl;by; rkh;g;gpf;fg;gl;lJ>2013, ,yq;if. (Muha;r;rp> mgptpUj;jpf;fhd rh;tNjr epiyak; xOq;Fnra;jJ (M.m.r.kh)) |
| flw; nfhs;isf;F vjpuhfg; NghuhLjYk; MrpahtpNy vjph;fhy th;j;jf Nfe;jpu ikakhf khWk; ,yq;ifapd; Nehf;fKk; | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. nfh.gh.g. rh;tNjr Muha;r;rpf; fUj;juq;fpy; rkh;g;gpf;fg;gl;lJ 2013> n[duy; Nrh; N[hd; nfhj;jyhty gy;fiyf;fofk; xOq;Fnra;jJ. |
|  | ePh; ts Kfhikj;Jtj;jpw;fhd mZFKiwfs;> rh;tNjr> gpuhe;jpa xg;ge;jq;fspd; fPohd mh;g;gzpg;Gf;fs;> Xh; Nkyha;T | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. caphpay; gy;tifj;jd;ik gw;wpa rh;tNjr khehL 2013 ,y; rkh;g;gpf;fg;gl;lJ>  ,yq;if. (Muha;r;rp> mgptpUj;jpf;fhd rh;tNjr epiyak; (M.m.r.kh)) xOq;Fnra;jJ. |
|  | Fw;wthspfspd; rhh;e;J tho;gth;fs;> ngw;Nwhhpd; rpiwthrk; gps;isfs; kPJ Vw;gLj;Jk; jhf;fk; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp. thrdh gz;bjuj;d  jpUkjp. vk;.Nf. fPjhdp [Pte;jp  jpUkjp. nry;tuh]; [hdf | fy;tp fw;gjw;Fhpa ngz;Zhpikf;fhd kyhyhtpd; Fuy;> ,yq;ifapd; ghh;itapNy | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. c.f.nj.M.ep.r 2013 khehl;by; rkh;g;gpf;fg;gl;lJ> ,yq;if. (fsdp> nfhOk;G Mfpa gy;fiyf;fofq;fspd; xj;Jiog;Gld; cah; fw;wYf;fhd njd; fpof;F Mrpa epWtdq;fspd; rq;fk; (c.f.nj.M.ep.r) kw;Wk; gy;fiyf;fof khdpaq;fs; Mizf;FO vd;gd xOq;Fnra;jd). |
| jpUkjp. epY}fh fk;yj; | ,e;jpah> ,yq;ifapy; nghJ Mh;t tof;fhlypD}lhf  ePjpf;fhd mZFjy; gw;wpa Xh; xg;gPl;L Ma;T | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp. re;jpah N`tkPay;y | ,e;jpahtpy; tho;T> Rw;whly; ghJfhg;G chpikf;fhf epWtdhPjpahd rl;ltiuG: ,yq;iff;fhd ghlq;fs; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp. epY}fh jkae;jp | gzpGhpAk; ngz;fspd; ghypay; Jd;GWj;jy; njhlh;ghd rl;lq;fs; gw;wpa tpkh;rd hPjpahd kPsha;T: ,yq;if mZFKiw – rh;tNjr epakq;fSldhd xg;gPl;L Ma;T | eilngw;Wf;nfhz;bUf;fpwJ |
| ey;yhl;rp vz;zf;fUTf;F kPsr; nry;tjw;fhd Njit - ey;yhl;rpf;fhd mZFKiwahf rl;l Ml;rpiaAk; mbg;gil chpikfisAk; cWjpg;gLj;jy; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp. vk;.Nf. fPjhdp [Pte;jp | jLg;Gf;fhy ePbg;G re;Njf eghpd; chpikfisg; ghjpf;fpd;wjh vDk; Nfs;tp: Gjpa rl;lj;jpw;fhd tpkh;rdk; | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ.  ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;tpy;  rkh;g;gpf;fg;gl;lJ>2013 |
| ‘rpiwapyilj;jy;’ jz;lidf;fhd Xh; khw;W KiwaPL | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. rl;lk;> ePjp gw;wpa rh;tNjr khehL -2013 ,y; rkh;g;gpf;fg;gl;lJ>(Muha;r;rp> mgptpUj;jpf;fhd rh;tNjr epiyak; (M.m.r.kh) xOq;Fnra;jJ). |
|  | ,isQh; xUtiu jz;bg;gjw;fhd Gjpa ghh;it | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. nfh.gh.g. rh;tNjr Muha;r;rpf; fUj;juq;fpy; rkh;g;gpf;fg;gl;lJ 2013> |
| cWg;G khw;wk; njhlh;ghd rl;lk;: rh;tNjr epiyg;ghl;Lld; ,yq;ifapd; epytuk; | eilngw;Wf;nfhz;bUf;fpwJ |
| ,yq;ifapy; tPl;L td;Kiwr; rl;lj;jpd; tpidj;jpwd; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp.[hdf nry;tuh]; | ,yq;if fzpdp Fw;wr; nray;fSf;F vjpuhfg; Nghuhl tpidj;jpwdhd topKiwfspy; nraw;gl;bUf;fpd;wjh? 2007 Mk; Mz;bd; fzpdp Fw;wr; nray; rl;lj;jpd; fPo; Muha;tJ njhlh;ghd gFg;gha;T | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. nfh.gh.g. rh;tNjr Muha;r;rpf; fUj;juq;fpy; rkh;g;gpf;fg;gl;lJ 2013> n[duy; Nrh; N[hd; nfhj;jyhty gy;fiyf;fofk; xOq;Fnra;jJ. |
| ,yq;ifapy; jfty;fSf;fhd chpik: njw;fhrpa ehLfspd; mgptpUj;jpfSld; Xh; xg;gPl;L Nkw;ghh;it | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; 2013 ,y; rkh;g;gpf;fg;gl;lJ |
| khj;jiw> kl;lf;fsg;G Mfpa khtl;lq;fspy; eilngw;WtUk; ngz;fspd; chpikfisg; ghJfhj;jYk; Nkk;gLj;;jYk; ngz;fspd; r%f> nghUshjhu tYT+l;ly; epfo;r;rpj;jpl;lk; | ‘Nrt; j rpy;wd;’ rpwP yq;fh Tf;fhf elhj;jg;gl;l Muha;r;rp> Nrt; j rpy;wd; rpwP yq;fh 2013 ,dhy; mwpf;ifahf nkU$l;lg;gl;lJ |
| jpUkjp.mD}\h tpf;ukrpq;f | kPsha;T nra;ag;gl;l tpkhdg; ghJfhg;G rl;l Kiwik: gP[pq; ,ilntspfis epug;Gkh? | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; 2012- 2013 ,y; rkh;g;gpf;fg;gl;lJ |
| tpkhd flikf;fhy xOq;FtpjpfSld; xt;thik: Xh; Nkhrkhd ghJfhg;Gg; gpur;rpid | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. tUlhe;j tpQ;Qhd mkh;tpy; rkh;g;gpf;fg;gl;lJ- ,yq;if nkbNfh rl;l rq;fk; 2013 |
| th;j;jf kdpj tpz;ntsp Nghf;Ftuj;J : tpz;ntspr; rl;lq;fspd; gpe;jpa rthy; | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;tpy; rkh;g;gpf;fg;gl;lJ-2013 |
| Mfhar; rl;lj;jpy; ruf;Fg; gjpTf; nfhb vz;zf;fUtpd; rl;lr; rpf;fy;fs;: flw; rl;lj;jpd; ghlq;fs; | eilngw;Wf;nfhz;bUf;fpwJ |
| njw;fhrpa muRfs; jq;fs; Mfhaq;fis cz;ikahfNt jpwe;Js;sdth: jpwe;j Mfhaq;fSk; njw;fhrpahTk; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpU. <.vd;.Mh;. j rpy;th | ,yq;ifapy; G+NfhskakhjYk; rl;lf; fy;tpAk; - rthy;fSk; tha;g;Gf;fSk; | eilngw;Wf;nfhz;bUf;fpwJ |
| ,yq;ifapy; njhopy;rhh;e;j RfhjhuKk; ghJfhg;Gk; - I.vy;.X epakq;fSf;fpzq;f rl;lq;fisAk; xOq;FtpjpfisAk; mKy;gLj;JtJ gw;wpa Mokhd Ma;T | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp.ep]q;f [aul;d | ,yq;ifapy; njhy;nghUshuha;r;rp kuGhpik Kfhikj;Jtj;ijg; gad;gLj;Jjy; njhlh;ghd rl;lf; Nfhl;ghLfs; gw;wpa Ma;T | G+uzg;gLj;jg;gl;L RUf;fk; ntspaplg;gl;Ls;sJ. Njrpa njhy;nghUshuha;r;rp fUj;juq;F 2013 ,y; rkh;g;gpf;fg;gl;lJ |
| jpU. v];.Mh;.vy;. Nuhrh | RNjr tpyq;Ffisg; ghJfhj;jy;: ,yq;ifr; rl;lk; gw;wpa Xh; xg;gPl;Lg; gFg;gha;T | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp.gp.V.Mh;. Wte;jpfh Mhpauj;d | ,yq;ifapy; khw;W rhpaPl;L Kiwikfspd; tpUj;jp rl;l kPWifapy; Vw;gLj;Jk; jhf;fk;: Xh; xg;gPl;Lg; gFg;gha;T | eilngw;Wf;nfhz;bUf;fpwJ |
| jdpj;Jtkhd Kiwiktha;e;j ,yq;ifr; rl;lk;: ,yq;if epUthfr; rl;lj;jpw;F GjpaNjhh; tpbay; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpU. lgps;A.V. rdj; rkPu tpN[rpq;` | mgptpUj;jpaile;J tUk; ehLfspy; Gtpapay; Rl;bfisg; ghJfhj;jy;: ,yq;if gw;wpa Xh; Neubf; fs Ma;T | eilngw;Wf;nfhz;bUf;fpwJ |
| ,yq;ifapy; caphpaw; nfhs;isf;nfjpuhd NghUk; Gjpa jhtu th;f;fq;fisg; ghJfhj;jYk; | eilngw;Wf;nfhz;bUf;fpwJ |
| jpUkjp.vd;.v];. ypadh K`he;jpuk; | fhg;GWjp: mJ cz;ikahfNt ,og;gpw;nfjpuhffhg;GWjpnra;ag;gl;ltiug; ghJfhf;fpd;wjh? ,yq;if fhg;GWjpr; rl;lk; gw;wpa Xh; Neubf; fs Ma;T | eilngw;Wf;nfhz;bUf;fpwJ |
| jpU. lgps;A.b. kNdh[; | ,yq;if> njw;fhrpa ehLfspy; ‘#oy; jhf;f kjpg;gPl;bid(#.jh.k)’mKy;gLj;JtJ gw;wpa Xh; vjph;khw;W Ma;T | eilngw;Wf;nfhz;bUf;fpwJ |

**nkhopf; fw;ifj; Jiw**

**fyhepjp b. NjNte;jpuh**

**‘**cWg;G %jit cg FO-tUlhe;j fy;tprhh; mkh;Tfs; 2013,y;- rkh;g;gpf;fg;gl;lJ

**fyhepjp tP. Nkjtj;Njnfju**

‘Rje;jpu nkhop’ v];.vy;.V.rp.vy;.V.vy;.v]; rh;tNjr khehL> [\_d; 2013>nfhOk;G

**jpUtjp gp.Nf.gP. mNg#hpa> N[.rp.vd;. Gs;Nsehafk;**

,yq;ifapy; Ngr;rpd; tpidj;jpwd; gw;wpa jdpahh; Mrphpah;fspd; mDgtf; fUj;Jf;fSk; ghlrhiy tpLifahsh;fSf;fhd nrtpkLj;jy;Mq;fpy FWq; fw;ifnewpfSk;- tUlhe;j fy;tprhh; mkh;Tfs; 2013,y;- rkh;g;gpf;fg;gl;lJ.

**fyhepjp fhQ;rdh th;zghy**

‘kjhpd; a`dl;l’ 2010 ghuhSkd;wj; Njh;jypy; ngz;fspd; gq;Fgw;Wjypd; gpujpepjpj;Jtk;’ -,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; 2013,y;- rkh;g;gpf;fg;gl;lJ

**fyhepjp Nf.Mh;.vk;. j rpy;th**

kjpg;gPl;bw;fhd rpwg;Gg; gFjpfs;: khzth;fspd; Ngr;R> vOj;jhw;wy; kPjhd mtw;wpd; jhf;fq;fs;(2013)- rP.<.vy;.rP. Ma;Tf;fUj;juq;fpy;rkh;g;gpf;fg;gl;lJ > rpq;fg;G+h; Njrpa gy;fiyf;fofk;

ntspaPLfs; :

1. nkhop tFg;giwapy; cj;jpapidg; Nghjpj;jy;: gpur;rpidfs;> mf;fiwfs;> rhj;jpag;ghLfs; (2011/2012) tp];lh]; ,jo;>jpwe;j gy;fiyf;fofk;> ehty
2. gzpfSk; vOJk; cj;jpapidg; gad;gLj;jYk; : tiujy; rhj;jpakhFkh? rl;l> r%f tpQ;Qhd ,jo;>[p.v];.hp.vg; rpq;fg;G+h;

**jpUkjp I.vd;.N[. NghfKt**

‘RUf;fk; vOJk;NghJ <.v];.vy;. khzth;fs; gad;gLj;jpa cj;jpfs; gw;wpa gFg;gha;T’(2011/2012) tp];lh]; ,jo;>thy;.7: njhlh; 1 (khDl> r%f tpQ;Qhd gPlq;fspd; ,jo;>jpwe;j gy;fiyf;fofk;)

**‘**,yq;if jpwe;j gy;fiyf;fofj;jpy; nghJ fy;tprhh; Nehf;fq;fSf;fhd Mq;fpyj;jpd; (ngh.f.Neh.M) nraw;jpwd; gw;wpa khzth; mDgtf; fUj;Jf;fis Muha;jy;’>**‘**,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; (2012),y;- rkh;g;gpf;fg;gl;l ,ize;j Ma;Tf; fl;Liu> 2013 ngg;uthp> khehl;Lf; Fwpg;Gf;fspy; RUf;fk; ntspaplg;gl;lJ.

**‘**L2 Summarizatin ,d; nraw;wpwid Nkk;gLj;j KbAkh: nryTfSk; eyd;fSk;’- **‘**,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; (2013) ,y;- rkh;g;gpf;fg;gl;l Ma;Tf; fl;Liu> 2013 etk;gh;> khehl;Lf; Fwpg;Gf;fspy; RUf;fk; ntspaplg;gl;lJ.

**jpUkjp Mh;.vy;.V.vd;. uztPu**

njsptw;w epiyaq;fSk; vy;iyfSk;: ‘Mfha khw;wk;’ ,y; gpur;rpidfis tphpTgLj;jy;> 2MtJ tUlhe;j rh;tNjr Muha;r;rpf; fUj;juq;F > rpwp [ath;jdGu gy;fiyf;fofk; 2013.

cs;ehl;L czh;tpid cUthf;Fjy;: Mfha khw;wj;jpy; ngz;fs; tpUj;jp> cWjpahd rPd nkhop gw;wpa Ma;T> nghJeytha ,yf;fpa ,yq;ifr; rq;fk;> 7MtJ khehL> 2013

NgAUtq;fSk; rkaKk;: Fog;gk; epiwe;j tPL>; ‘Gyk;ngah;e;j njhOtkhf re;jpud; rphpj;jhy;’> ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; (2013)

**jpU. yhy; nkjtj;Njnfju**

mikjpaw;wtpyq;Ffis cs;Ns mikjpg;gLj;Jjy;: fhydpj;Jtj;jpw;Fg; gpd;duhd rPw;wk;> vjph;g;Gj;jd;ik> gphpj;jhdpa Nkhjy;fs;- ,yq;ifmirthl;l ,ir czh;r;rpg;ghly;fspd; jdpj;Jtq;fs; (nghJeytha nkhop> ,yf;fpa ,yq;ifr; rq;fj;jpd; tUlhe;j khehL 2013,y; rkh;g;gpf;fg;gl;lJ)

‘kpfg; gz;ilafhyj;jpy; kdpjNdh caphpdq;fNsh fhzg;gltpy;iy’rpq;fs jkpo; goq;fijfspy; fhzg;gLk; Mz;ikr;rhh;G rk;gpujhaq;fs; (,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; 2013,y; rkh;g;gpf;fg;gl;lJ)

01 ehty; (2012 fpul;bdd; tpUjpid ntd;Ws;sJ)

**jpUkjp [\_b Gs;isehafk;**

,yq;ifapy; ghlrhiy tpLifahsh;fSf;fhd Mq;fpy Ngr;R> nrtpkLj;jy; FWq; fw;ifnewpfspd; tpidj;jpwd; gw;wpa jdpahh; Mrphpah;fspd; mDgtf; fUj;Jf;fs;> gp.Nf.gP.mNg#hpa>N[.rp.vd;. Gs;Nsehafk;;- rkh;g;gpf;fg;gl;lJ

**jpUkjp khdpf;a nfhbj;Jtf;F**

,yq;ifahpd; Njrpa jdpj;Jtj;ijAk; tYthd cwTfisAk; tiujy;: ghy nghJgpl;batpd; ‘aho;g;ghzk;’>‘gUj;jpj;Jiw’ ,id kPs thrpj;jy; >rkh;g;gpf;fg;gl;lJ> 7MtJ v];.vy;.V.rp.vy;.V.vy;.v]; rh;tNjr khehL> [\_d; 2013

‘kjhpd; a`dl;l >; ,yq;if 2010 ghuhSkd;wj; Njh;jy;> 2011 cs;@uhl;rpj; Njh;jy;fspy; Rtnuhl;bfs;> gpur;rhuq;fs;> ngz; Ntl;ghsh;>fyhepjp Nf. th;zghyTld; rkh;g;gpf;fg;gl;lJ tUlhe;j fy;tprhh; mkh;Tfs; > jpwe;j gy;fiyf;fofk; - 2013

,yq;ifahpd; Njrpa jdpj;Jtj;ijAk; tYthd cwTfisAk; tiujy;: ghy nghJgpl;batpd; ‘aho;g;ghzk;’>‘gUj;jpj;Jiw’ ,id kPs thrpj;jy; (fl;Liu) gPdpf;]; ,jo; 2014 (epYitapYs;sJ)

**Jiw: Kfhikj;Jf; fw;iffs**;

**,jo;fs;**

rptNyhfjhrd; tP.> rpahNthNgh lgps;A.A.(2013). epWtd hPjpahd Cf;Ftpg;Gk; Gj;jhf;ff; nfhs;ssit ,ilepd;wpizj;jYk; : ,yq;ifapy; Mil> Gilitf; ifj;njhopy; Jiwapd; mwpTrhh; %yjdk;. Kfhikj;Jtk;> epjp gw;wpa vl;lhtJ rh;tNjr khehl;by; rkh;g;gpf;fg;gl;l Ma;Tiu (I.Mh;.rp.vk;.vg;.2013)> 2013 brk;gh; 13> nfhOk;G gy;fiyf;fofk;> ,yq;if.

rptNyhfjhrd; tP.> rpahNthNgh lgps;A.A.(2013).Gj;jhf;ff; nfhs;ssT kPjhd ,ilepiy rPuhf;fk; Vw;gLj;Jk; jhf;fk; : ,yq;ifapy; Gilitf; ifj;njhopy; Jiwapd; mwpTrhh; %yjdKk; Gj;jhf;ff; nfhs;ssTk;. ,t;tha;Tiu MwhtJ I.v];.gP.I.vk;. Gj;jhf;f Ma;Tf; fUj;juq;fpy; rkh;g;gpf;fg;gl;lJ – Mrpa E}w;whz;by; Gj;jhf;fk;> 2013 jprk;gh; 8-11> nky;Nghd;> mT];jpNuypah.

T+> rpahNthNgh> rptNyhfjhrd; tP.> rpNahq; vy;. (2013).Gj;jhf;ff; nfhs;ssT kPjhd rPuhf;fk; Vw;gLj;Jk; jhf;fk; : ,yq;ifapy; Milf; ifj;njhopy; Jiwapd; mwpTrhh; %yjdKk; Gj;jhf;ff; nfhs;ssTk;. ,t;tha;Tiu cyf cw;gj;jpAk; rPdhTk; vd;w xd;gjhtJ rh;tNjr Ma;Tf; fUj;juq;fpy; rkh;g;gpf;fg;gl;lJ (c.c.rP 2013)> 2013 nrg;jk;gh; 7-8> rp[pahq; gy;fiyf;fofk;> `q;N]h> rPdh.

T+> rpahNthNgh> rptNyhfjhrd; tP.(2013gp). rpwe;j nrayhw;wYf;fhd Gj;jhf;ff; nfhs;ssT : ,yq;ifapy; Milf; ifj;njhopy; Jiwapd; mwpTrhh; %yjdKk; xOq;fikg;G hPjpahd nrayhw;wYk;. Kd;Ndw;w Kfhikj;Jt tpQ;Qhd ,jo;> thy;.1 (,y.3)> 273-277. Kfhikj;Jt njhopy;El;g> tpQ;Qhdk; gw;wpa rh;tNjr khehl;by;; rkh;g;gpf;fg;gl;lJ (K.njh.tp.r.kh) 2013 nrg;jk;gh; 1-2> gP[pq;> rPdh.

T+> rpahNthNgh> rptNyhfjhrd; tP.(2013). Gj;jhf;ff; nfhs;ssTf;fhd mwpTrhh; %yjdk;: Gj;jhf;fj;jpw;fhdNjhh; vz;zf;fU hPjpahd khjphp>rh;tNjr th;j;jf> nghUspay;> epjp ,jo;> 4(3)>139-144. Ma;Tiu Gj;jhf;fk;>th;j;jfk;> nghUspay; njhlh;ghd rh;tNjr khehl;by;; rkh;g;gpf;fg;gl;lJ (G.t.ngh.r.kh 2013)> 2013 [\_d; 15-16> nfhOk;G> ,yq;if.

T+> rpahNthNgh> rptNyhfjhrd; tP.(2013). mwpTrhh; %yjdKk; ,yq;ifapy; Milf; ifj;njhopy; Jiwapd; cWjpahd nrayhw;wy; kPjhd mjd; jhf;fKk; >; Kfhikj;Jt tpQ;Qhd tphpTiuf; Fwpg;Gf;fs;: nghUshjhu> thzpgKfhikj;Jt> fy;tpg; Gj;jhf;fk; > 17(1)> 320-326.nghUshjhu> thzpgKfhikj;Jt> fy;tpg; Gj;jhf;fk; gw;wpa rh;tNjr khehl;by;; Ma;Tiu rkh;g;gpf;fg;gl;lJ ((ngh.th.K.f.G.2013) Nk 22-23> gP[pq;> rPdh.

rptNyhfjhrd; tP.>T+> rpahNthNgh> (2013gp). vjph;fhyj;Jf;fhd ngWkjp thzpg khjphp : Xh; rhjhuz xOq;fikg;Gf;fhd Xh; rpf;fyhd xOq;fikg;G. thzpgj;jpy; Gj;jhf;fj;jpd; gq;F njhlh;ghd 5MtJ rh;tNjr khehl;by;; Ma;Tiu rkh;g;gpf;fg;gl;lJ . 2013 Nk 16-17> I.vg;.I.vk;. th;j;jfg; ghlrhiy> ngq;f@h;> ,e;jpah.

rptNyhfjhrd; tP.>T+> rpahNthNgh> (2013V). njhopy;jUeh;-njhopy;ngWeh; ghpkhw;wk; r%f kw;Wk; nghUspay; ghpkhw;wj;jpd; kPJ Vw;gLj;Jk; jhf;fk;: ,yq;ifapy; cs;xg;ge;jj; njhopy; gw;wpa Ma;T. gy;ghpkhd Muha;r;rp gw;wpa Mrpa ,jo;> thy;.2> (ntspaPL 4)> 1-16.

fhkpdp vy;.gP.v];.> VidNahh;. jpwe;j fw;wy; fw;ifnewpf;fhd nryT gw;wpa Ma;T: ,yq;if Neubf; fs Ma;T> gy;ghpkhd Muha;r;rp gw;wpa Mrpa ,jo;> thy;. 2> ntspaPL 2> 2013 ngg;uthp.

mNgNrfu> espd;> tpf;ukrpq;f> Mde;j. tpw;gidahsh;fspd; re;ijg;gLj;jy; kw;Wk; thbf;ifahsiu ,yf;fhff;nfhz;l cwT: tq;fpfsplkpUe;J fw;Wf;nfhs;sy; - *epjpr; Nrit Kfhikj;Jtk; gw;wpa rh;tNjr ,jo; thy;. 6> ,y.1> 2013 .*

rk;gpf vr;.b.b. >‘ tq;fpg; Nghl;bAk; ,yq;ifg; nghUshjhuj;jpy; mjd; rpf;fy;fSk;’ gw;wpa jdJ fyhepjp Muha;r;rpapidg; G+h;j;jpnra;jhh;> gl;lf; fw;if gPlk;> nfhOk;Gg; gy;fiyf;fofk;> 2013.

**khehL**

fhkpdp vy;.gP.v];.> VidNahh;. X.b.vy;. fw;ifnewpf;fhd nryT gw;wpa Kd;Ndw;wq;fs; :,yq;if jpwe;j gy;fiyf;fofj;jpd; mDgtk;. njhiyf; fy;tp rh;tNjr khehl;L ,af;Feh; FOkk;> nksyhdh Mrhj; Njrpa ch;J gy;fiyf;fofk;> fr;rpNghyp> i`jughj; 2013.

espd; mNgNrfu> Mde;j tpf;ukrpq;f>**Kfhikahshpd; cUkhw;w jiyikj;Jtk; tpw;gidahshpd; thbf;ifahsh; njhlh;G kPJ Vw;gLj;Jk; jhf;fk;-,yq;ifapy; th;j;jf tq;fpj; Jiw gw;wpa Ma;T>** - I.rp.vk;.V.rp.2013 : Kfhikj;Jt Mrpa E}w;whz;L Ma;Tiu gw;wpa rh;tNjr khehL- KOikahd Ma;Tiu : epWtfk;- N[.rp.A. rpq;fg;G+h;: 600 Nky; Njhk;rd; tPjp> rpq;fg;G+h; 574421

luy; j FW];> espd; mNgNrfu> Mde;j tpf;ukrpq;f>**ehk; cz;ikapy; Nghl;bj;jd;ikAilath;fsh: Aj;jj;jpw;Fg; gpd;duhd ,yq;ifapd; cy;yhrj;Jiw** - I.rp.vk;.V.rp.2013 -: Kfhikj;Jt Mrpa E}w;whz;L Ma;Tiu gw;wpa rh;tNjr khehL- Ma;Tiu- RUf;fk; : epWtfk;- N[.rp.A. rpq;fg;G+h;: 600 Nky; Njhk;rd; tPjp> rpq;fg;G+h; 574421

espd; mNgNrfu>**‘ tq;fpfspy; tpw;gidahshpd; re;ijg;gLj;jiy ,yf;fhff;nfhz;l cwT : mJ ghy; czh;jpwd; nfhz;ljh?>,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfs; 2013**

n[guh[fPh;j;jp rP.> NyhNgh V.rp.> N`tNf rP.(2013).‘Ruq;f Kbtpy; ntspr;rk; - Aj;jj;jpdhy; ghjpf;fg;gl;l ,isQh; Ez;flidf; nfhs;tdT nra;tjw;fhd Nehf;fk;’> V.vd;.,]l;.vk;.V.rp. 2013> xf;Nyz;l;> brk;gh; 1-4.

n[guh[fPh;j;jp rP.> (2013). ‘$l;lhd;ik r%fg; nghWg;G Ntiyj;jpl;lq;fspy; re;ijg;gLj;Jeh;fspd; gq;F ($.r.ngh)> V.vd;.,]l;.vk;.V.rp. 2013> xf;Nyz;l;> brk;gh; 1-4

gp. ep\he;j> Nf.gP.N[.vk;. gjpud : ,yq;ifapy; v];.vk;.<. Jiwapd; njhopy;Kaw;rpahsh;fs; gw;wpa Ratpguk; >; Cf;Ftpg;Gf;fs;> czug;gl;l ntw;wpf; fhuzpfSk; gpur;rpidfSk;. Mrpa E}w;whz;L-2013 I Kfhikj;Jtk; nra;jy; njhlh;ghd rh;tNjr khehL> rpq;fg;G+h; ‘];gphpq;yh;’ ,Yk; ntspaplg;gl;lJ

fSMur;rp I.gP.> ntypfkNf v];.v];. (2013). ,yq;ifapy; (A.hP.vg;.-8?) gy;fiyf;fof epH;thf cj;jpNahfj;jh;fspd; gy; jpwik gw;wpa Ratpguk; >; th;j;jf kw;Wk; jfty; njhlh;ghd 4MtJ rh;tNjr khehL (t.j.r.kh-2013) >; th;j;jf > Kfhikj;Jtf; fw;if gPlk;> fsdp gy;fiyf;fofk; (ISBN 978-955-4563-17-9) (jpU.I.gP.> fSMur;rp > Kfhikj;Jtf; fw;ifj; Jiwapd; KO Neu MNyhrfuhthh;)

**ntspaplg;gl;l Gj;jfq;fs;**

Mrphpah;>espd; mNgNrfu

‘rpwP yq;fh Mh;jpfal;l NjrPa gpuNt\af;’ (,yq;ifg; nghUshjhuj;jpw;fhd cs;ehl;L mZFKiw)

ntspaPl;lhsh;fs; - rfpa;ah gg;spNf\d;

ntspaplg;gl;l Mz;L – 2013 Mf];l;

ISBN-978-955-4645-03-5

1. **jpU. vd;. ghyKusp**

* **Muha;r;rp> Gj;jhf;fk;> ntspaPLfs; gw;wpa tpguq;fs**; :

**Muha;r;rp**

*ntspaPLfs;/ njhlh;ghly;fs;*

**,jopay; fl;Liufs;**

ghyKuspvd;.> 2011> ,ul;ilg; gw;whf;Fiwg; gpur;rpid gw;wpa mDgthPjpahd gFg;gha;T : ,yq;ifaplkpUe;J rhd;wpjo; ‘Kfhikj;Jt ,jo;> Kfhikj;Jt gPlk;> ,yq;if njd; fpof;Fg; gy;fiyf;fofk;> (rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.> 2010> ,yq;ifapy; murhq;fr; nrytpdj;jpw;Fk; nghUshjhu tsh;r;rpf;Fkpilapyhd capNuhl;lkhd njhlh;gpid mDgthPjpahd Muha;jy; Kfhikj;Jt ,jo;> Kfhikj;Jt gPlk;> ,yq;if njd; fpof;Fg; gy;fiyf;fofk;> (rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.> 2008> njhopy;tha;g;Gj; njhlh;ghd nfa;Ndrpa> ghuk;ghpa Nehf;Ffs; gw;wpa gFg;gha;T>

gy;fiyapy; ntspaplg;gl;lJ >; ( Mz;Lf;F ,UKiw jkpopy; ntspahFk; eLepiyahd ,jo;> fiyg; gPlk; ntspapLfpd;wJ> Nguhjidg; gy;fiyf;fofk;) gf;.181-193.

ghyKuspvd;.> 2006> ,yq;ifapy; ntspehl;L Neub KjyPLk; nghUshjhu tsh;r;rpAk; > ,yq;if tptrha nghUspay; rq;f ,jo;> (nghf`tj;jTld; ,ize;J)gf;.37-55.

**tphpTgLj;jg;gl;l RUf;fk;**

ghyKuspvd;.> 2013> ,yq;ifapy; cz;ikahd Vw;WkjpfspdJk; nghUshjhu tsh;r;rpfspdJk; capNuhl;lq;fs; : Jiz xUq;fpizg;G gz;izf;fhtyh; fhuzfhhpaj; njhlh;Gg; ghpNrhjidfspypUe;J fpilj;j rhd;W. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; Muha;r;rp mkh;T (rptuh[rpq;fj;Jld; ,ize;J) gf;.273-275.

ghyKuspvd;.> 2013>,yq;if gzg; ghpkhw;w tPjq;fspd; capNuhl;lkhd elj;ij : Ie;J thzpg gq;fhspfsplkpUe;J fpilj;j rhd;W.,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; Muha;r;rp mkh;T (rptuh[rpq;fj;Jld; ,ize;J) gf;.276-280.

ghyKuspvd;.> 2011> gzg; ghpkhw;w tPjk; gztPf;fj;jpw;Ff; fhuzkh? : ,yq;ifaplkpUe;J mDgthPjpahd rhd;W. ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; Muha;r;rp mkh;T (rptuh[rpq;fj;Jld; ,ize;J) gf;.353-357.

ghyKuspvd;.> 2008> ,uj;jpdGhp khtl;lj;jpy; Mgj;jhd kz;rhpTg; gpuNjrq;fspy; thOk; kf;fs; ,lk;ngah;tijj; jPh;khdpf;Fk; fhuzpfs; >Nguhjidg; gy;fiyf;fof Muha;r;rp mkh;Tfs; : eltbf;iff; Fwpg;GfSk; RUf;fq;fSk; - Ng.g.M.m.>(mjgj;J> jpUr;nry;tj;Jld; ,ize;J)

ghyKuspvd;.> 2007> ,yq;ifapy; ntspehl;L Neub KjyPLk; nghUshjhu tsh;r;rpAk; : fhuzfhhpaj; njhlh;G mZFKiw>Nguhjidg; gy;fiyf;fof Muha;r;rp mkh;Tfs; : eltbf;iff; Fwpg;GfSk; RUf;fq;fSk; - gf;.355-356.

**RUf;fq;fs;**

ghyKuspvd;.> 2012> czT tpiyNaw;wKk; mjd; capNuhl;lj;jpdJk; ePz;l epidT> ,yq;ifaplkpUe;J fpilj;j rhd;W> aho;g;ghz gy;fiyf;fofj;jpd; rh;tNjr; Muha;r;rp khehL>(rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.> 2012> gpujhd Ie;J thzpg gq;fhspfspd; ehzaq;fSf;nfjpuhf ,yq;if gzg; ghpkhw;w tPjq;fspd; capNuhl;lkhd elj;ij gw;wpamDgthPjpahd gFg;gha;T:aho;g;ghz tpQ;Qhd rq;fk;> tUlhe;j Muha;r;rp mkh;T (rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.> 2012> ,yq;ifapy; nghUshjhu tsh;r;rpf;Fk; Vw;WkjpfSf;Fk; ,ilapyhd capNuhl;lkhd gpizg;Gf;fs; >; Jiz xUq;fpizg;G gz;izf;fhtyh; fhuzfhhpaj; njhlh;Gg; ghpNrhjidfspypUe;J fpilj;j rhd;W.aho;g;ghz tpQ;Qhd rq;fk;> tUlhe;j Muha;r;rp mkh;T (rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.> 2011> Ntiytha;g;gw;w tPjj;jpw;Fk; gztPf;f tPjj;jw;Fk; ,ilapyhd capNuhl;lkhd ,ilj;njhlh;G : ,yq;ifaplkpUe;J fpilj;j rhd;W >; tTdpah tshfk;> tUlhe;j Muha;r;rp mkh;T (rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.> 2011> ifapUg;G tpiyfSf;Fk; ghpkhw;w tPjj;jpw;Fk; ,ilapyhd capNuhl;lkhd njhlh;G : ,yq;ifaplkpUe;J fpilj;j rhd;W >;12MtJ tUlhe;j Muha;r;rpf; fUj;juq;F> gl;lf; fw;if gPlk;> fsdp gy;fiyf;fofk;(rptuh[rpq;fj;Jld; ,ize;J)

ghyKuspvd;.>2010> ,yq;ifapy; murhq;f nrytpdKk; nghUshjhu tsh;r;rpAk;>aho;g;ghzgy;fiyf;fofj;jpd; tTdpah tshfk;> tUlhe;j Muha;r;rp

ghyKuspvd;.> 2010> murhq;f nrytpdj;jpw;Fk; nghUshjhu tsh;r;rpf;Fk; ,ilapyhd njhlh;G gw;wpa nghUspay; mstPl;L hPjpahd gFg;gha;T>,yq;if fpof;Fg; gy;fiyf;fofk;> tUlhe;j Muha;r;rp mkh;T

ghyKuspvd;.> 2009> ,yq;ifapy; ,ul;ilg; gw;whf;Fiwg; gpur;rpid : Xh; nghUspay; mstPl;L mZFKiw >,yq;if fpof;Fg; gy;fiyf;fofk;> tUlhe;j Muha;r;rp mkh;T

ghyKuspvd;.> 2009> ,yq;ifapy; tuT-nryTg; gw;whf;Fiwf;Fk; gztPf;fj;jpw;Fk; ,ilapyhd njhlh;G gw;wpa nghUspay; mstPl;L hPjpahd gFg;gha;T>aho;g;ghzgy;fiyf;fofj;jpd; tTdpah tshfk;> tUlhe;j Muha;r;rp mkh;T

ghyKuspvd;.> 2008> ,yq;ifapy; gztPf;fKk; tuT-nryTg; gw;whf;FiwAk; : xU fhyj; njhlh; nghUspay; mstPl;L hPjpahd mZFKiw > ,uz;lhtJ rh;tNjr fUj;juq;F>,yq;if rg;ufKt gy;fiyf;fofk;(Nghf`tj;jTld; ,ize;J) gf;. 91

ghyKuspvd;.> 2008>‘nfjl;l mUz’ gris khdpaj; jpl;lk; kpdpNg jpl;lj;jpNy ney; cw;gj;jpapd; kPJ Vw;gLj;jpa jhf;fk;> ,yq;if tptrha nghUspay; rq;fj;jpd; ,uz;lhtJ tUlhe;j Muha;r;rp kd;wk; (tpN[Jq;f> jpUr;nry;tj;Jld; ,ize;J)

ghyKuspvd;.> 2008> ,yq;ifapy; ,ul;ilg; gw;whf;Fiwg; gpur;rpid : Jiz xUq;fpizg;G

mZFKiw >aho;g;ghzgy;fiyf;fofj;jpd; tTdpah tshfk;> tUlhe;j Muha;r;rp mkh;T

ghyKuspvd;.> 2007>,yq;ifapy; gztPf;fKk; nghUshjhu tsh;r;rpAk; : Xh; fhuzfhhpaj; njhlh;Gg; gFg;gha;T >,yq;if tptrha nghUspay; rq;fj;jpd; KjyhtJ tUlhe;j Muha;r;rp kd;wk;> gf;. 21

**fy;tprhh; rq;fq;fspd; rQ;rpiff;fhd fl;Liufs**;

ghyKuspvd;.> 2008> mgptpUj;jpaile;JtUk; ehLfs; njhlh;ghd rh;tNjr ehza epjpaj;jpd; gq;F> jkpo;r; rq;fj;jpd; ,sq;fjph; ,jo;>Nguhjidg; gy;fiyf;fofk; > gf;. 23-31> (jkpopy; vOjg;gl;lJ)

ghyKuspvd;.> 2010> r%f %yjdj;jpd; nghUspay; Nehf;FfSk; mJ ViofSf;F vt;thW cjTk;>; Kfhikj;Jt> fzf;fpay; xd;wpaj;jpd; epiwNtw;W rQ;rpif>aho;g;ghz gy;fiyf;fofj;jpd; tTdpah tshfk;

ghyKuspvd;.> 2001> gioa Kiwikf;Fk; jw;fhy Kiwikf;Fk; ,ilapyhd jpUkzr; rlq;F gw;wpa `pe;Jf;fspd; fUj;Jf;fs;> ,e;J khzth; xd;wpak;>Nguhjidg; gy;fiyf;fofk;

***,skhdp***

ghyKuspvd;.> 2002> ,yq;ifapy; %yjd re;ij tpUj;jpapy; gq;Fr; re;ijapd; gq;F> ntspaplg;glhj ,skhdp Ma;Tiu> nghUspay; Jiw>Nguhjidg; gy;fiyf;fofk;

***jw;Nghija Muha;r;rpj; jiyg;Gf;fs;***

* ifapUg;G tpiyAk; ngUk; nghUspay; NtWghLfSk;
* ngUk; nghUspay;
* epjpg; nghUspay;
* epjpg; nghUspay; mstPL
* ngUk; nghUspay; khjphpg;gLj;jy;
* FWf;F-gphpT nghUspay; mstPL

**gapw;rp**

***fy;tprhh;e;j***

‘tWik mstPL> gFg;gha;T njhlh;ghd gapw;rpg; gl;liw’ ,y; gq;Fgw;wpaik> 2012 ngg;uthp 20-24> tWik gFg;gha;Tf;fhd epiyaj;jpdhy; elhj;jg;gl;lJ> nfhOk;G> ,yq;if.

‘epjpf; nfhs;if> nghUshjhu Kfhikj;Jtj;jpw;fhd ghhpa nghUshjhu khjphpg;gLj;jy;’ gw;wpa nraykh;tpy; gq;Fgw;wpaik> 2011 Mf];l; 01-05> tq;fpapay; fw;iffSf;fhd epiyaj;jpdhy; elhj;jg;gl;lJ> ,yq;if kj;jpa tq;fp.

‘tl;b tPjk;> ehzakhw;W tPj capNuhl;lq;fs;;> tq;fpapay; nraw;ghLfs;’ gw;wpa epfo;r;rpj;jpl;lj;jpy; gq;Fgw;wpaik> 2011 Nk 24-25> tq;fpapay; fw;iffSf;fhd epiyaj;jpdhy; elhj;jg;gl;lJ> ,yq;if kj;jpa tq;fp.

‘ghhpa nghUshjhuf; nfhs;ifapd; rh;tNjrg; ghpkhdq;fs;’ gw;wpa fUj;juq;fpy; gq;Fgw;wpaik> 2011 [dthp 04-07> tq;fpapay; fw;iffSf;fhd epiyaj;jpdhy; elhj;jg;gl;lJ> ,yq;if kj;jpa tq;fp.

r%f tpQ;Qhd > khdplg;gz;GfSf;fhd Muha;r;rp Kiwikfs; njhlh;ghd nraykh;T> Kfhikj;Jt gPlk;> aho;g;ghzg; gy;fiyf;fofk;> tq;fpapay; fw;iffSf;fhd epiyaj;jpdhy; elhj;jg;gl;lJ> ,yq;if kj;jpa tq;fp. 2010 etk;gh; 20.

njw;fhrpa nghUspay; khzth; re;jpg;gpy; gq;Fgw;wpaik> 2010 etk;gh; 29-brk;gh; 01> nghUspay; Jiw> fiyg; gPlk;> nfhOk;Gg; gy;fiyf;fofk;

‘gpugQ;r tshf epfo;r;rpj;jpl;l ,iza tphpTiu: cah; fw;ifnewp’ ntw;wpfukhfg; G+uzg;gLj;jg;gl;lJ> 2008 Nk 27- [\_d; 24 (10 tFg;Gf;fs;).

1MtJ njw;fhrpa nghUspay; cr;rpkhehL>,yq;if nfhs;if

fw;iffSf;fhd epiyaj;jpdhy; elhj;jg;gl;lJ> g.Qh.r.kh.k.> nfhOk;G> 2008 Mf];l; 28-30.

kj;jpa tq;fpapay; njhlh;ghd rh;tNjr fw;ifnewp>,yq;if kj;jpa tq;fp> nfhOk;G>2007 Nk 22-23.

tpidj;jpwDs;s Kd;nkhoptpid vOJjy; njhlh;ghd fUj;juq;F> ,yq;if kd;w epWtfk;> nfhOk;G> (Nj.tp.k. ,dhy; elhj;jg;gl;lJ)> 2006 [\_d; 27.

r%f tpQ;Qhd > khdpltpaypy; Kd;Ndw;wfukhd Ma;T Kiwikfs; gw;wpa nraykh;T> fiyg; gPlk;>Nguhjidg; gy;fiyf;fofk;> 2005 brk;gh; 30-31.

,sk; r%f tpQ;QhdpfSf;fhd r%f tpQ;Qhd Ma;T Kiwik gw;wpa gapw;rpr; nraykh;T> Nrpa tpQ;Qhd kd;wk;>nfhOk;G> (Nj.tp.k.> v];.vy;.V.V.v];. ,dhy; ,ize;J elhj;jg;gl;lJ)> 2005 etk;gh; 25-26.

tpQ;Qhd Muha;r;rpapNy ,sk; Muha;r;rpahsh;fSf;fhd rthy;fSk; tha;g;Gf;fSk;>gw;wpa fUj;juq;F>tpQ;Qhd gl;lg;gpd;gbg;G epWtfk;>Nguhjidg; gy;fiyf;fofk;>2005 Nk 12.

Muha;r;rp Kiwikapay;> jkpo; vOj;jhw;wYf;fhd rhd;wpjo;>Nguhjidg; gy;fiyf;fofk;

**fy;tprhh; jdpj;jd;ikfs;> Gyikg; ghprpy;fs;> ghprpy;fs;**

1998 - Nguhjidg; gy;fiyf;fof ,e;Jf; Nfhtpy;Gyikg; ghprpy**;** (1998 Mk; Mz;L nghJf; fiyj; jFjpg; ghPl;ir KbTfis mbg;gilahff; nfhz;L)

1997/97 cah; fy;tp Gyikg; (rpwg;Gj; jFjp) ghprpy;

1996 – f.ngh.j. cah; jug; ghPirapy; kpfr; rpwe;j nrayhz;ikf;fhd [aul;dk; Qhgfhh;j;jg; ghpR> k`[df; fy;Y}hp> njy;ypg;ghis> aho;g;ghzk;

1996 -1996 ,y; fiyg; gPlk; Eioaf;$ba kpfr; rpwe;j khztDf;fhd ghpR> k`[df; fy;Y}hp> njy;ypg;ghis> aho;g;ghzk;

1996- gy;fiyf;fof EioTf;fhd ghpR> k`[df; fy;Y}hp> njy;ypg;ghis> aho;g;ghzk;

1996- 1996f.ngh.j. cah; jug; ghPirapy; ,e;J ehfhPfk;> jkpo;> msitapaYk; tpQ;Qhd KiwikapaYk; Mfpatw;wpy; tpN\l rpj;jpapidg; ngw;Wf;nfhs;tjw;fhd ghpR>k`[df; fy;Y}hp> njy;ypg;ghis> aho;g;ghzk;

**rq;fq;fspd; cWg;Ghpik**

,yq;if nghUshjhu rq;fk; (,y.ngh.r)

,yq;if tptrha nghUspay; rq;fk; (,y.tp.ngh.r)

,yq;if gpuNahf Gs;sptpgutpay; rq;fk; (,y.gp.G.r)

aho;g;ghz tpQ;Qhd rq;fk; (aho;.tp.r)

1. **Muha;r;rpfspd; / fUj;jpl;lq;fspd; / Gj;jhf;fq;fspd; /,jo;fspd; / Gj;jfq;fspd; / Ma;Tiufspd; jiyg;G**

* **ngah;: rkh;g;gpj;jth;**

nghUspay; jj;Jt KJkhdpf;fhf nghUspay; Jiwapy; ,ize;Jnfhz;Nld;> nfhOk;Gg; gy;fiyf;fofk;

1. **jpUkjp. Jyhdp ypadn`l;b**

* **Muha;r;rpfspd; / fUj;jpl;lq;fspd; / Gj;jhf;fq;fspd; /,jo;fspd; / Gj;jfq;fspd; / Ma;Tiufspd; jiyg;G**

**ngah;: rkh;g;gpj;jth;**

mNguj;d v];> ypadn`l;b b.(2013): gpuhe;jpa mgptpUj;jpf;F epjptoq;fy;: fiye;jtw;iw xUKfg;gLj;jy;. kf;fs; tq;fp nghUspay; kPsha;T (gf;.13)> kf;fs; tq;fp ntspaPL.

1. **fyhepjp kh`pk; nkz;b];**

* Muha;r;rp>Gj;jhf;fk;>ntspaPLfs; gw;wpa tpguq;fs;:

1. ‘,yq;ifia kWrPuikj;jy; : neUf;fbapy; [dehafk;’> rh;tNjr ,jOf;fhd fl;Liu> Neghs jw;fhy fw;iffSf;fhd ,jo;> thy;. XIII, ,y.1> 2013 khh;r;>jw;fhyf; fw;iffSf;fhd Neghs epiyak; (j.f.Ne.ep)

* **Muha;r;rpfspd; / fUj;jpl;lq;fspd; / Gj;jhf;fq;fspd; /,jo;fspd; / Gj;jfq;fspd; / Ma;Tiufspd; jiyg;G**

**ngah;:**

1. khz;GkpF [dhjpgjp mth;fspd; mZruizapd; fPo; 2013 brk;gh; khjk; jh[; rKj;uh N`hl;lypy; eilngw;w nghJeytha Njrpa gy;fiyf;fof fy;tprhh; khehl;bw;fhf> rl;l Ml;rp> kdpj chpikfs;> [dehafk;> ey;yhl;rp vd;gd njhlh;gpy; Aj;jj;jpw;Fg; gpd;duhd mgptpUj;jpfs; njhlh;gpy; gy;fiyf;fof khdpaq;fs; Mizf;FO vz;zf;fU Muha;r;rpf; fl;Liuapidj; jahhpj;jpUe;jJ

**4. fyhepjp rhe;j mNgrpq;f**

* **Muha;r;rpfspd; / fUj;jpl;lq;fspd; / Gj;jhf;fq;fspd; /,jo;fspd; / Gj;jfq;fspd; / Ma;Tiufspd; jiyg;G**

**ngah;: rkh;g;gpj;jth;**

1. ,isQh; xUq;fpizg;G fsMa;Tf; fUj;jpl;lk;

* Njrpa ,isQh; nfhs;if cghak; kw;Wk; nraw;wpl;lj;ijj; jahhpj;jy;. fUj;jpl;lj; jiytuhf gzpahw;Wjy;
* 2013 xf;Nlhghpy; Kfhikj;Jt gl;lg;gpd;gbg;G epWtfj;jpdhy; elhj;jg;gl;l vd;itNth Kiwik 10 ,idg; gad;gLj;jp ju hPjpahd juTg; gFg;gha;T njhlh;ghd Ie;J ehs; nraykh;tpy; gq;Fgw;wpaik

**5. fyhepjp md;ld; gpauj;d**

* Muha;r;rp>Gj;jhf;fk;>ntspaPLfs; gw;wpa tpguq;fs;:

**rh;tNjr khehLfspy; rkh;g;gpf;fg;gl;l Ma;Tf;fl;Liufs;:**

**‘cz;ikia ntspg;gLj;Jtjw;fhd rhjdkhf cs;sh;e;j mfepiy’>**epAfhry; kw;Wk; NkFwp Mfpa gy;fiyf;fofq;fs; xOq;Fnra;J epAfhry; gy;fiyf;fofk;> epAfhry;> mT];jpNuypahtpy; 2013 khh;r; khjk; 2Mk; jpfjp ‘mfg;nghUs;/ Gwg;nghUs;’ vd;wjiyg;gpy; eilngw;w‘ epA nkf;’ khehl;by; rkh;g;gpf;fg;gl;l Ma;Tiu.

***‘,d-murpay; hPjpahf gpsTw;w ,yq;ifapy; r%f tho;Tfisf; fl;bnaOg;Gjy;’>***rKjhaj; njhlh;Gk; khDlg; gz;GfSk;- I.rP.x.v];.vr;.2013 njhlh;ghd 2013 2MtJ rh;tNjr khehl;by; rkh;g;gpf;fg;gl;lMa;Tiu. hpl;r]; Ngq;];nusd; N`hl;ly;> rpl;dp> mT];jpNuypah> 2013 brk;gh; 8-9.

* **Muha;r;rpfspd; / fUj;jpl;lq;fspd; / Gj;jhf;fq;fspd; /,jo;fspd; / Gj;jfq;fspd; / Ma;Tiufspd; jiyg;G**

**ngah;: rkh;g;gpj;jth;**

***‘,yq;ifapy; cz;ikahd kdpj kw;Wk; rpWghd;ik chpikfis ntspg;gLj;Jtjw;fhd rhjdkhf cs;sh;e;j mfepiy’*** gw;wpafl;Liu> ,izaj;js ,jo; **`pA+kdpl;b 2013**–**mfepiyrhh;e;j/ Gwepiyrhh;e;j> fy;tp kw;Wk; *fiyg; gPlj;jpdhy; ntspapg;gl;lJ> khDlg;gz;Gfs; r%f tpQ;Qhdg; ghlrhiy> epA+fhry; gy;fiyf;fofk;> mT];jpNuypah.***<http://www.newcastle.edu.au/school/hss/research/publications/humanity/2013-humanity-journal.html>,y; fhzg;gLfpd;wJ.

**nghJ thj Mjhuq;fisf; fl;bnaOg;Gjy;: ,yq;ifapy; murpay;kag;gLj;jg;gl;l ,dj;Jtq;fSf;fg;ghy;. khDltpay; Jiwf;F rkh;g;gpf;fg;gl;l fyhepjp Muha;r;rpf; fUj;jpl;lk;> NkFwp gy;fiyf;fofk;> rpl;dp.**

**6. jpU. v];.gj;kNdrd;**

* Muha;r;rp>Gj;jhf;fk;>ntspaPLfs; gw;wpa tpguq;fs;:

,uz;L fl;Liufs; ntspaplg;gl;ld

1. **‘ tP.jl;rpdh%h;j;jpapd; jtpy; Mrphpah;;: jkpo; ,iraikg;ghsh; xUthpd; gq;fspg;Gg; gw;wpa ,d ,irapay; gFg;gha;T’>**eph;khdpf;fg;gl;LtUfpd;wJ: ,ir Muha;r;rpapy; nry;top fle;j- kw;Wk; xOq;FKiwfSf;fpilapyhd nry;topfs;> ntNth;];> [\_ypah / nra;ngh;l;> cNt (<.b) rp];kpA]; 11 ,d; eltbf;iff;Fwpg;Gfs;> nfhNshd; 2011>vg;X];-kpA]pf;> x];dGW}f; 2012> 269 nra;jd; ISBN 978-3-940255-32-7, ISBN 978-3-940255-33-4
2. **“ ‘Nfhtpy; - ika’ r%fk; gw;wpa r%f khDltpay; hPjpahd gFg;gha;T : tl ,yq;ifapy; aho;g;ghzk;”>**KOikahd Ma;Tf; fl;Liufspd; eltbf;iff;Fwpg;Gfs;> tUlhe;j Muha;r;rp khehL> aho;g;ghzg; gy;fiyf;fofk;> ,yq;if> 2013>ISBN: 978-955-0585-01-04.

* **Muha;r;rpfspd; / fUj;jpl;lq;fspd; / Gj;jhf;fq;fspd; /,jo;fspd; / Gj;jfq;fspd; / Ma;Tiufspd; jiyg;G**

**ngah;: rkh;g;gpj;jth;**

**tphpTgLj;jg;gl;l RUf;fk;**

1. **“Muk;g fhyj;jpNy… kdpjNdh caphpdq;fNsh fhzg;gltpy;iy: rpq;fs> jkpo; goq;fijfspy; fhzg;gLk; Mz;ik kuGfs;”>**( tUlhe;j fy;tprhh; mkh;Tfs; - 2013 ,y; rkh;g;gpf;fg;gl;l Ma;Tiu> ,yq;if jpwe;j gy;fiyf;fofk;> 2013 etk;gh; 27-28>ISSN 2012-9912).
2. **“,yq;if jkpo; fyhrhuj;jpy; *fhjtuhad; $j;J* gw;wpa fyhrhu ntspg;ghLfs; : khw;wq;fs;> njhlh;epiy jWtha;fspy; kuG gw;wp khDlhPjpahf vOg;gg;gLk; Nfs;tp”>**(ghuk;ghpa mwpT> ghuk;ghpa fyhrhu ntspg;ghLfs; gw;wpa rhh;f; gpuhe;jpa fUj;juq;fpy; rkh;g;gpf;fg;gl;l Muha;r;rpf; fl;Liu> rhh;f; fyhrhu epiyak;> ,yq;if> 2013 Vg;uy; 29-30.
3. **“,yq;ifapy; aho;g;ghz rKjhaj;jpy; fhzg;gLk; Nfhtpy; ika r%fk;: rhjp> Nfhtpy;> etPdj;Jtk;”>**( rKjha> mgptpUj;jp> Rw;whly; fw;iffSf;fhd ghlrhiyapy; rkh;g;gpf;fg;gl;lJ> r%f tpQ;Qhd> khDlg;gz;Gfs; gPlk;> nfgd;rhd; gy;fiyf;fofk;> kNyrpah> kNyrpah Njrpa gy;fiyf;fofk;> 21MtJ)

**rh;tNjr gapw;rp/ nraykh;T**

* **rh;tNjr tUifjUeh; jiyikj;Jt epfo;r;rpj;jpl;lk;: cah; fy;tpapy; khw;wPLfs;>**,y; gq;Fgw;wpaik>**nth\pq;ld;** khepyk; **(nfhyk;gpah khtl;lk;) ngd;rNfhyh (GNshhplh)> wpNdh (nethlh)> (rpfhNfh) ,ypndhap];>**mnkhpf;f **mur Jiw**xOq;Fnra;jJ>**fy;tp> fyhrhu tptfhug; gzpafq;fs;> nth\pq;ld;> b.rp.> mnkhpf;fh>**mnkhpf;f mur Jiw epjp toq;fpaJ> 2013 Vg;uy; 8-26.

**,aw;if tpQ;Qhd gPlk;**

***jhtutpay; Jiw***

**,jo; Ma;Tf; fl;Liu:**

* **Nf.V.N[.vk;. FWg;GMur;rp>**[p. nrdtpuj;d (2013). fhyepiy> jhtu> kz; mstPLfshy; fl;Lg;gLj;jg;gLk; fhgd; xJf;fk;: mtw;wpd; capNuhl;lq;fSk; njhpTnra;ag;gl;l ,yq;iff; fhLfspd; fl;Lg;ghLk;. Gj;jp[Ptp mr;rfk; (2013-04-02): ISBN-10: 3639511727 / ISBN-13: 978-3639511727: p 180. (Gj;jf ntspaPL)
* **Nf.V.N[.vk;. FWg;GMur;rp>**[p. nrdtpuj;d (2013). mad tyaf; fhLfspy; mjpfhpj;jpUf;Fk; tpOe;j Fg;ig $oq;fspypUe;J gpioj;jpUf;fpd;w caphpay; jpzptpid vjph;T$wy;;. *rpNyhd; tpQ;Qhd ,jo; (cap.tpQ;.)* 42 (1): 35-40> 2013 b.X.I.: (KOikahd Ma;Tiu)
* **Nf.V.N[.vk;. FWg;GMur;rp>**[p. nrdtpuj;d> gp.b. kJug;ngUk (2013). ,yq;ifapy; mad cyh; tya jhtuq;fspd; tul;rpapdhy; J}z;lg;gl;l Neh;j;jpahd Nth; tsh;r;rpAk; Nkw;ftpifg; gRikAk;. mad tya td> Rw;whly; ,jo;> thy;. 3> ,y. 01:17-23. ISSN: 2235-9370 mr;R / 2235-9362 ,izaj;jsk; (KOikahd Ma;Tiu)
* **tPuf;Nfhd; v];.Mh;.> Nrhkuj;d v];.**(2013).,yq;ifapy; khw;Wg; gapuhf Y}gpd; nrbapid (Y}gpd]; ,dk;) gaphpLtjw;fhd rhj;jpag;ghL: ntt;NtW tptrha - #oypay; gpuhe;jpaq;fspy; tsh;r;rp> tpisr;ry; nraw;ghL. *Mrpa tptrha Muha;r;rp ,jo;> 7:1-14.*
* **tPuf;Nfhd; v];.Mh;.> Nrhkuj;d v];.>**tpN[uj;d Mh;.[p.b.> Vfehaf;f <.vk;.v];.I.>(2013).ghuk;ghpa kw;Wk; cl;fyg;G hPjpahfr; nra;ifgz;zg;gl;l new; gapUf;F kj;jpapy; (xwp]h rl;bth vy;.) gue;j epoYUt fisf;nfhy;ypahd fpisNghN]l;Lf;F fhl;lg;gLk; ,aw;if fisf;nfhy;yp vjph;g;Gj;jd;ik> ,yq;ifapYs;s th;f;fq;fs;>*ghfp];jhd; caphpay; tpQ;Qhd ,jo;. 16 (16): 796-803.*
* gp.b. kJug;ngUk> gP.[p. Xlh;>**Nf.V.N[.vk;. FWg;GMur;rp>**b.vd;.vd;. tpN[th;jd> N[.A. Kdrpq;f (2013). mad tya td> Rw;whly; ,jo;…2013 brk;gh;.
* ky;thd rP.>**tPurpq;f hP.Nf.>**gpygpl;ba v];. (2013). ,yq;ifapy; khefu jpz;kf; fopTfis NjNkhgpypf; cyh;thpf; $l;nlUthf;fj;jpd;NghJ kpfr; rpwe;j Ftpay; ghpkhdq;fisj; jPh;khdpj;jy;> rh;tNjr caphpay; tpQ;Qhd> caphpay; ,urhad> caphpay; jfty;fs; ,jo;> thy;. 3> ,y. 6> 2013 etk;gh; > gf;. 552-556.
* **fUzhehaf;f Nf.X.vy;.rP.>**rpd;idah [p.b.> mjpfhuk; vd;.Nf.gp.> mNgNrfu rP.vy;.> Vw;Wf;nfhs;sg;gl;lJ> (2013 xf;Nlhgh;). kh (kq;fpngwh ,z;bfh vy;.) ,Ny gq;fR vjph;g;Gr; nraw;ghl;by; gaphplg;gLk; th;f;fq;fspd; NtWghLfSk; mWtilf;Fg; gpd;duhd me;jpuf;Ndh]; kw;Wk; jz;L KbtOfYf;fhd vjph;g;Gj;jd;ikAk;. M];jpuNyrpa jhtu Nehapay;.

**khehl;Lf;Fwpg;Gf;fs;:**

* gP.vk;.kQ;Ry gphppajh;\dp>**tPurpq;f hP.Nf.** (2013). ,yq;ifapy; Mil cw;gj;jpf; fk;gdpapy; Nkw;nfhs;sg;gLk; fopTg; ghpfuz nrad;Kiwapd; tpidj;jpwid kjpg;gpLjy;> ePhpd; juk;> kdpj Rfhjhuk; njhlh;ghd rh;tNjr Ma;tuq;F: Kd;dhYs;s rthy;fs;> Nguhjidg; gy;fiyf;fofk;> ,yq;if.
* erhh; vg;.vd;.>**tPurpq;f hP.Nf.>**ngNuuh v];. (2013) –flw;ghrpfs;> gq;fR Mfpatw;wpd; tsh;r;rpf;nfjpuhf rhaq;fspd; vjph;g;Gj; jd;ik njhlh;ghd Muk;g Ma;T> cah; nghUs; Muha;r;rp > thy;. 746 (2013) gf;. 186-191© (2013) l;uhd;]; nuf; gg;spNfrd;];> Rtpl;rh;yhe;J>doi:10.4028/www.scientific.net/AMR.746.186 (ISSN: 1022-6680),
* vr;.V.ehfe;jyNf>**Nf.V.N[.vk;. FWg;GMur;rp>**gp.b. kJug;ngUk>gP.[p. Xlh;>(2013). ,yq;if > nfhOk;Gg; gy;fiyf;fof Kjyhk; Mz;L khzth;fspd; cstpay; hPjpahd JauKk; mjNdhL ,ize;j fhuzpfSk;>fl;Lk; gpizg;Gf;fs;: r%f Muha;r;rp Kiwfs;> vd;.b.v];.A Qhgfhh;j;j xd;wpak;> mnkhpf;fh> 2013 khh;r; 01> (Ma;Tf; fl;Liu rkh;g;gpf;fg;gl;lJld; RUf;fk; ntspaplg;gl;lJ)
* **Nf.V.N[.vk;. FWg;GMur;rp>**[p. nrdtpuj;d> Gj;jpf kJug;ngUk>gPl;lh; Xlh;>(2013). <utyaf; fhLfis tpl cyh; tyaf; fhLfs; fhyepiy ,lhpid mjpfsT czuf;$badth?><uepy tpQ;Qhdpfs; rq;fj;jpd; tUlhe;j $l;lk; 2013> JYj; kpd;dN]hl;lh> mnkhpf;fh> 2013 [\_d; 2-6> (rkh;g;gpf;fg;gl;l Rtnuhl;bAk; ntspaplg;gl;l RUf;fKk;).
* kJug;ngUk gp.b.> gP.[p. Xlh;> vy;.V. nfhr;kd;>**Nf.V.N[.vk;. FWg;GMur;rp>**(2013). Mw;wq;fiu td tpspk;gpNy may;tuTMjpf;fj;Jld; ,ize;j #oypay; nry;thf;Ffs;><uepy tpQ;Qhdpfs; rq;fj;jpd; tUlhe;j $l;lk; 2013> JYj; kpd;dN]hl;lh> mnkhpf;fh> 2013 [\_d; 2-6> (rkh;g;gpf;fg;gl;l Ma;Tf;fl;LiuAk; ntspaplg;gl;l RUf;fKk;).
* kJug;ngUk gp.b.> gP.[p. Xlh;> vy;.V. nfhr;kd;>**Nf.V.N[.vk;. FWg;GMur;rp>**(2013). G+Nfhs epiyg;gLj;jy; Kiwikrhuh epGzh;fSf;fhf ,izaj;ij mbg;gilahff; nfhz;L tiuAk; js Nkilfspd; nefpo;r;rpj;jd;ik> 5MtJ tUlhe;j gl;ljhhp khzth; Muha;r;rp kw;Wk; fiy kd;wk;> tl lNfhl;lh mur gy;fiyf;fofk;> mnkhpf;fh> 2013 Vg;uy; 11> gf;. 18 (rkh;g;gpf;fg;gl;l Rtnuhl;bAk; ntspaplg;gl;l RUf;fKk;).
* kJug;ngUk gp.b.> gP.[p. Xlh;> vy;.V. nfhr;kd;>**Nf.V.N[.vk;. FWg;GMur;rp>**(2013). nkf;fpsPd; nfsz;bapy; tdg; ghJfhg;G ,af;fhw;wiyf; fz;Lgpbg;gjw;fhd gpf;]y; - it]; khw;W khjphpfs;>5MtJ tUlhe;j gl;ljhhp khzth; Muha;r;rp kw;Wk; fiy kd;wk;> tl lNfhl;lh mur gy;fiyf;fofk;> mnkhpf;fh> 2013 Vg;uy; 11> gf;. 19 (rkh;g;gpf;fg;gl;l Rtnuhl;bAk; ntspaplg;gl;l RUf;fKk;).
* **Nf.V.N[.vk;. FWg;GMur;rp>**[p. nrdtpuj;d>gp.b.kJug;ngUk> gP.[p. Xlh;>(2013).,yq;ifapy; mad tyaf; fhLfspd; fhgidf; ifg;gw;Wfpd;w rhj;jpatsj;ijj; jPh;khdpg;gjw;fhd kz; Nrjd fhgd; Jz;Lfspd; ifkhWk; tPjq;fs;. tl lNfhl;lh tpQ;Qhd fy;tpf;$lk;> 105MtJ tUlhe;j $l;lf;Fwpg;Gfs;>tl lNfhl;lh tpQ;Qhd fy;tpf;$lj;jpd; eltbf;iff;Fwpg;Gfs;>mnkhpf;fh> thy;. 67> 2013>(ISBN 0096-9214). <http://www.ndacadsci.org/annual-meeting>
* vr;.V.ehfe;jyNf>**Nf.V.N[.vk;. FWg;GMur;rp>**gp.b.kJug;ngUk>(2013). fy;Y}hpapy; mtjhdpf;fg;gl;l Jd;gk;: r%f> fyhrhu #oypy; rPuhf;Ftjpy; cs;s gpur;rpid> 2MtJ rh;tNjr r%f tpQ;Qhd khehL> fsdp gy;fiyf;fofk;> ,yq;if<http://www.kln.ac.lk/socialsciences/web/ICSS2013/)(Accepted)>RUf;fk; rkh;g;gpf;fg;gl;lJ
* tPuf;Nfhd; v];.Mh;.> tpN[uj;d Mh;[p.b.> Nrhkuj;d v];. (2013). ,yq;ifapy; gaphplg;gl;l ghuk;ghpa kw;Wk; tpUj;jpnra;ag;gl;l ney; th;f;fq;fSf;F kj;jpapy; ( xwp]h rl;bth vy;.) ,aw;if fisf;nfhy;ypapd; vjph;g;Gj; jd;ik> ,urhad khw;wpfisf; nfhz;L J}z;Ljy; gw;wpa Ma;Tfs;> NaN3, <.vk;.v];.. *4MtJ mad tya fis tpQ;Qhd khehL> rpahq; kha;> jha;yhe;J> 2013 [dthp 23-25>*gf;. 27.
* Gj;jpf b.>kJug;ngUk> **Nf.V.N[.vk;. FWg;GMur;rp>** N[.A. Kdrpq;f> [p. nrdtpuj;d(2013).,yq;ifapy; kp`pe;jiy nrayfj;jpNy hP.vk;. juTfisg; gad;gLj;jp jhtu tsh;r;rpapd; fhy khw;wpfis kjpg;gpLjy;> tho;thjhuq;fs;>caphpay; gy;tifj;jd;ik> #oy;njhFjpr; Nritfs; njhlh;ghd Njrpa khehL> 2013 nrg;jk;gh; 26-27> ,yq;if kd;w epWtfk;> nfhOk;G 07> I.A.rP.vd;. kw;Wk; Rw;why;> GJg;gpf;fj;jf;f rf;jp ts caphpay; gy;tif nrayfk; Mfpad elhj;jpd.
* vr;.V.ehfe;jyNf>**Nf.V.N[.vk;. FWg;GMur;rp>**gp.b.kJug;ngUk>(2013). fy;Y}hpapy; mtjhdpf;fg;gl;l Jd;gk;: r%f> fyhrhu #oypy; rPuhf;Ftjpy; cs;s gpur;rpid> 2MtJ rh;tNjr r%f tpQ;Qhd khehL (r.r.tpQ;.kh)> fsdp gy;fiyf;fofk;> ,yq;if> 2013 etk;gh; 22-23.

B. tpN[uj;d> lgps;A.N[. epke;jpfh>**Nf.V.N[.vk;. FWg;GMur;rp>**gp.b.kJug;ngUk>(2013).,yq;if jpwe;j gy;fiyf;fof tshfj;jpd; kyh;rhh; gy;tifj;jd;ik> ENfnfhl> 33tJ tUlhe;j mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>,yq;if caphpay; epWtfk;> 2013 nrg;jk;gh; 27> nfhOk;G>,yq;if

* Gj;jpf b.>kJug;ngUk>gPl;lh; [p. Xlh;> yhwp V. nfhr;kd;>**[hdf vk;. FWg;GMur;rp** (2013). V.v];.b. gPy;l; ];ngf; 4 i`-nw]; tz;zg;gl;il fjphpaf;fkhdpiag; gad;gLj;jp %d;W vypf;dhrpah ,dq;fspd; tz;zg;gl;il milahsq;fis xg;gpLjy;. tl lNfhl;lh [p.I.v];. ghtidahsh; khehL> 2013. 2013 nrg;jk;gh; 10-12> mnyW]; epiyak;> fpuhz;l; Nghf;];> tl lNfhl;lh> mnkhpf;fh (rkh;g;gpf;fg;gl;l Rtnuhl;bAk; ntspaplg;gl;l RUf;fKk;).
* **NrdhjPu gP>**FyNrfu [p.A.> tj;NjtpjhdNf N[.>**ngNuuh gP.>** nrdtpuj;d vk;.V.gP.Nf.> gpugh\; b.> FkhuRthkp A.> : r%f fw;wy; %yjdj;ij fl;bnaOg;Gjiy Nehf;fp tptrha tphpthf;fy; mYtyh;fspdJk; tptrhapfspdJk; jfty; njhopy;El;gj; jpwd;fspyhd Mw;wiyf; fl;bnaOg;Gjy;. jpwe;j fw;wy; njhlh;ghd VohtJ nghJeythak; midtUf;Fkhd kd;wk;>; 2013 brk;gh;> mG[h> ie[Phpah.
* **NrdhjPu gP>**jphpkhd;Nd hP.vy;.v];.> rpq;` Mh;.Nf.> khJap]; vg;.N[.vk;.> mNgrphpth;jd b.v];.>j ,rl;. : cth; jifg;Gf;F gjpyspf;Fk; tifapy; Na, K Mfpatw;wpd; ,af;ftpay;fspdhy; njhptpf;fg;gl;lthW new; gaphpy; fhzg;gLk; cth;j; jd;ikia rfpj;Jf;nfhs;sf;$ba ntt;NtW tifahd nghwpKiwfs;> ney; fUts Ma;Tf; fUj;juq;F> r.ne.M.ep.> 2013 etk;gh;> kdpyh> gpypg;igd;.
* **NrdhjPu gP>**FyNrfu [p.A.> nrdtpuj;d vk;.V.gP.Nf.>**ngNuuh gP.>**ypadNf b.> tj;NjtpjhdNf N[.: tho;ehs; fw;wiy mbg;gilahff; nfhz;l r%f mgptpUj;jp mZFKiwapd; gu];gu mwpT tYT+l;ly; nrad;Kiw>; tptrhaj;Jld; njhlh;ghd RNjr mwptpid kjpg;gpLtjw;fhd Xh; fl;likg;G. ,e;jpa njhiyf; fy;tpr; rq;fj;jpd; tUlhe;j khehL> 2013 Vg;uy;> i`jughj;> ,e;jpah.
* ep];]q;f vd;.vk;.N[.>**tPurpq;f hP.Nf.>**gpNukrpwp vr;.b.v];. (2013). mkpy kio Ma;TfspD}lhf fz;b efhpy; tsp khriltJ njhlh;ghd Xh; Muk;g Ma;T. caphpay; epWtfj;jpd; eltbf;iff;Fwpg;Gfspy; RUf;fk; ntspaplg;gl;lJ> nrg;jk;gh; 27> ,y.ep.m.ep.
* rpe;jf <.vr;.vk;.>**tPurpq;f hP.Nf.>**(2013). Kiwahd fopT ePh; ghpfuz ,ae;jpuj;ij jd;dpaf;f elkhLk; Nrit epiyaq;fspy; guhkhpg;gjd; Kf;fpaj;Jtj;ijg; gw;wp Muha;jy;> ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;> 2013.
* yf;Wtd; Nf.V.v];.>**tPurpq;f hP.Nf.>**(2013). ,yq;ifapy; ngw;Nwhy; thfdk; ntspapLk; thA kl;lq;fs; gw;wpa Ma;T> ,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;> 2013
* **tPurpq;f hP.Nf.>** vjphprpq;f <.V.b.vd;.> erhh; vg;.vd;.(2013). rpy kz; gjhh;j;jq;fspD}lhf epyg; gad;ghl;L khw;wq;fspdhy; Vw;gLk; jhf;fq;fs; gw;wpa Muk;g Ma;T> Njrpa kz; Ma;tuq;F 2013 ,d; eltbf;iff;Fwpg;Gfspy; KOikahd Ma;Tf; fl;Liu rkh;g;gpf;fg;gl;lJ> caphpay; gy;tifj;jd;ik nrayfk;> Rw;whly; mikr;R> ,yq;if.
* **tPuN`th vr;.vy;.b.>**(2013). nlz;l;Nwhgpad; ,dj;jpd; tsh;r;rp> kyh;rhh; jug; gz;Gfs; Mfpatw;wpd; kPJ VNwhnghdpf;]; Kiwikiag; gad;gLj;jy; kw;Wk; rpypf;fid Jizahjuthf toq;fypd; nghUj;jg;ghL>tUlhe;j Muha;r;rp mkh;Tfspd; eltbf;iff;Fwpg;Gfs;> ,yq;if jpwe;j gy;fiyf;fofj;jpd; 2013> 431-435.
* **tPuN`th vr;.vy;.b.> [anfhb vy;.Nf.Mh;.Mh;.>**ngNuuh v];.V.hP.V.> N]hkuj;d v];. (2013).rpypf;fd; JizahjutpD}lhf kz;zpyp hPjpahf tsh;f;fg;gl;l jf;fhspapd; (iyNfhNgrpfd; v];Fnyz;lk; vy;) Kd;Ndw;wfukhd Neha; vjph;g;Gj;jd;ikAk; juKk;. 33tJtUlhe;j mkh;Tfspd; eltbf;iff;Fwpg;Gfs;> caphpay; epWtfk;> gf;. 40.
* Wi]dh vk;.vr;.>**tPuNfhd; v];.Mh;.>**w];kp V.vk;. (2013). ,yq;if mk;ghiu khtl;lj;jpy; jPtpu new;nra;iff;fhf ,r;Nrhdpah fpw];]png];]pidf; nfhz;L jahhpf;fg;gl;l $l;nlUtpid mNrjdg; grisf;F khw;wPL nra;tjw;fhd rhj;jpag;ghL.,yq;if caphpay; epWtfk;> 33tJ tUlhe;j mkh;Tfs;:35.

rpwpth;jd Nf.[p.b.I>**tPuNfhd; v];.Mh;.>N]hkuj;d v];.**(2013).,yq;if khj;jiw khtl;lj;jpy; fis ney; (xwp]h rl;bth vg; ];nghz;lhdpah) ,dq;fSf;F kj;jpapYs;s tptrha – tbt mikg;gpay; NtWghLfs; gw;wpa xg;gPl;L Ma;T. ,yq;if caphpay; epWtfk;> 33tJ tUlhe;j mkh;Tfs;: 36.

* **tPuNfhd; v];.Mh;.>** Vfehaf;f <.vk;.v];.I.>**N]hkuj;d v];.>** tpN[uj;d Mh;.[p.b.(2013). ,urhad tpfhukhw;wpfs;>NaN3><.vk;.v];. Mfpatw;iwg; gad;gLj;jp ,yq;if ney; th;f;fq;fspNy fisf;nfhy;yp vjph;g;Gj;jd;ikia J}z;Ljy; njhlh;ghd Muk;g Ma;Tfs;. tUlhe;j Muha;r;rp mkh;Tfs; > ,yq;if jpwe;j gy;fiyf;fofk;> 2013. gf;. 426-430.
* n`l;bMur;rp b.Nf.>**fUzhehaf;f Nf.X.vy;.rP.>**2013. epiyahd gad;gLj;jypD}lhf fpuhkpaf; Fsq;fisg; guhkhpg;gjd; rhj;jpa tsKk; ePhpay; jhtuq;fspd; gy;tifj;jd;ikAk; - mDuhjGu khtl;l Neubf; fsMa;T. epiyahd mgptpUj;jpf;fhf caphpay; gy;tifj;jd;ikiag; ghJfhj;jy; njhlh;ghd rh;tNjr khehL. INCCBSD 2013. Mf];l; 26-28> xb]h> ,e;jpah> gf;. 20.

***,urhad Jiw***

* **[p.vk;. fky;> gp. FzhN`uj;>**Nkhpypd; hP. kNwhd;><.vk;. fpj;rpwp tpN[uj;d> Y}f; itl;nry;> V.V. ny];yp Fzjpyf : rhj;jpakhd ntg;g mjph;r;rp Guj 90 jLg;Gf;fhuzpfshf NehNthgnahrpd;xj;jnghUl;fspd; $l;Lr; Nrh;f;ifAk; caphpay; hPjpahd kjpg;gPLk;. *Bioorg. Med. Chem.* 2013, **21**, 5118-5129. <http://dx.doi.org/10.1016/j.bmc.2013.06.042>.
* khd;rhq; F> ahq;fp A>**[p.vk;. fky;> gp. FzhN`uj;>**V.V. ny];yp Fzjpyf>lngq; yP> lf;rpd; ]d; : Gw;WNehia cUthf;Fk; midj;Jf; fyq;fspNyAk; vr;v];gP90 ,d; nraw;ghl;bw;fhf mjidj; jilnra;tjw;fhd tpjNdhiyl;fspd; fl;likg;G-nraw;ghl;Lj; njhlh;G. *Invest. New Drugs*,2013, Doi. 10.1007/s10637-013-9987-y.
* wpfhNlh V. Gh;jhNlh>**[p.vk;. fky;> gp. FzhN`uj;>**i[Nwh Nf. g];Nuh];> V.V. ny];yp Fzjpyf : *gpA+Nthpah ry;gpAwnrd;];* V.hp.rp.rp. %yk; 16V 17-,Nghf;]p-*vd;l;-nfsNud;-19-XIrp mkpyj;jpd;* Ez;Zaphpay; caphpay;cUkhw;wPL>*,aw;if cw;gj;jpg;nghUs; njhlh;ghly;fs*;> 2013> 8> 1041-1044.
* gP.Nf. tpdpjh uQ;rp> v];. re;jpuhzp tpN[uj;d> Nf. n`f;lh; [ath;jd >**[p.vk;. fky; gp. FzhN`uj;>**rpl;wpFNdhd;fshd V. Ak; gp. Ak;.>*ngdprpypak; rpl;wpdj;jp*ypUe;J ngd;nrhFNdhd;fs;>*,aw;if cw;gj;jpg;nghUs; njhlh;ghly;fs*;> 2013> 8> 1431-1434.
* rp. uzrpq;f> V.vk;. mNgNrfu>**[p.vk;. fky; gp. FzhN`uj; :** MAh;Ntj %ypif vz;nza;fs;: ‘ gpz;Nlh vz;nza;’ apy; me;jpuf;Ndhd;fis vr;.gP.vy;.rp. milahsg;gLj;jYf;fhfTk; mstpLtjw;Fkhd Kiwnahd;wpid tpUj;jpnra;jy;>*,yq;ifapy; ,urhadk;>*2013>**30**> 41
* **[p.vk;. fky; gp. FzhN`uj;>**V.V. ny];yp Fzjpyf : kug;ghrp cs;sf gq;fRthd *i`nghf;rpNyhd; nghypNghu];]p*ypUe;J caph;ker;R %yf;$Wfs;>,yq;if jpwe;j gy;fiyf;fofj;jpd; tUlhe;j mkh;Tfspd; eltbf;iff;Fwpg;Gfs;> 2013> 392-395.
* lgps;A.A. epye;jp gphpajh;\dp> vk;.Mh;.vk;. `dPgh>v];. re;jpuhzp tpN[uj;d>**[p.vk;. fky; gp. FzhN`uj; :** njhpTnra;ag;gl;l rpy gq;fRf;fs; kuj;J}s; kPJ Vw;gLj;Jk; fz;ziwr; nraw;ghLfs; gw;wpa Muk;g Ma;Tfs;>*,yq;if jpwe;j gy;fiyf;foftUlhe;j mkh;Tfspd; eltbf;iff;Fwpg;Gfs*;> 2013> 401-404.
* iggpwpby; ypfz;bd; Roy; cNyhfkhf;fg;gl;l gPhP (II) njhFjpfspdJ $l;Lr;Nrh;f;if>**ruj; b ngNuuh>**,urhad epWtfk;> rpNyhd;> 2013.
* gP.Nf.b. rJuq;f> vd;. gphpae;j>**v];.v];. ,f;ghy**;: *fnghk;gh fNuhypdpahdh*%yk; mFth]; fiurypypUe;J Cr(III) > Cr(VI) ,dq;fis gNahNrhg;rd; gz;Zjy;: ,af;f kw;Wk; eLepiymikjp Ma;T. Rw;whly; Gtp tpQ;Qhdk; (2013)> 70:661-671
* vk;. jahgud;>**v];.v];. ,f;ghy**;>gP.Nf.b. rJuq;f>vk;.rp.vk;. ,f;ghy; : *mn]hy;yh gpd;dl;lh* %yk; gPgp apd; Nth;j;jz;bid J}a;ikg;gLj;jy;> rh;tNjr Rw;whly; tpQ;Qhd ,jo;>(2013)>3:1811-1821
* [p. gz;lhu>gP.Nf.b. gPhp];> N[.rp.vd;. uhN[e;jpu> Nf.b.tP.vg;. rpwpth;jd>**Mh;.A. je;jphpnfhl**> N[. tl;ltpjhdNf> v];.Mh;. tPuNfhd; : *xj;Jiog;Gf; fw;wypy; <Lgl khzth;fis czh;T+l;Ltjw;fhd J}z;ly; Ntiyj;jpl;lj;jpd; tpidg; gad;: X.b.vy;. Neubf; fs Ma;T>*,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>gf;. 63-67> 2013.
* **[p. gz;lhuNf**> vk;.vd;.Nf. j nrha;]h> v];. Nyhfehjd;> V.v];. jpf;Fk;Gu : *kuGrhuh gl;lg;gbg;G ,urhad Ma;T$l tFg;giw xd;wpNy rpe;jpf;Fk; jpwd;fis kjpg;gpLjy;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>*gf;. 78-81> 2013.
* lgps;A.A. epye;jp gphpajh;\dp>**vk;.Mh;.vk;. `dPgh**> v];. re;jpuhzp tpN[uj;d>**[p.vk;. fky; gp. FzhN`uj; :** njhpTnra;ag;gl;l rpy gq;fRf;fs; kuj;J}s; kPJ Vw;gLj;Jk; fz;ziwr; nraw;ghLfs; gw;wpa Muk;g Ma;Tfs;>*,yq;if jpwe;j gy;fiyf;foftUlhe;j mkh;Tfspd; eltbf;iff;Fwpg;Gfs*;> 2013> 401-404.
* gP.Nf.b. gPhp];>N[.rp.vd;. uhN[e;jpu> Nf.b.tP.vg;. rpwpth;jd> Mh;.A. je;jphpnfhl> N[. tl;ltpjhdNf> v];.Mh;. tPuNfhd; Nkhpypd; hP. kNwhd;><.vk;. fpj;rpwp tpN[uj;d> Y}f; itl;nry;>: Muha;r;rp Nf. n`f;lh; [ath;jd > rJuq;f> vk;.rp.vk;. ,f;ghy;>[p. gz;lhu.
* **fyhepjp v];.Mh;. n`l;bMur;rp>**‘njd;dpyq;ifapy; mfo; kw;Wk; kPdpYs;s nrydpa kl;lq;fs; gw;wpa Muk;g Ma;Tfs;’ vd;w jiyg;gpyhd gl;lg;gbg;G Muha;r;rpf; fUj;jpl;lk; xd;iw elhj;jpdhh;.
* [p. gz;lhuNf>**vk;.vd;.Nf. j nrha;]h**> v];. Nyhfehjd;> V.v];. jpf;Fk;Gu : *kuGrhuh gl;lg;gbg;G ,urhad Ma;T$l tFg;giw xd;wpNy rpe;jpf;Fk; jpwd;fis kjpg;gpLjy;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>*gf;. 78-81> 2013.
* **jahgud;vk;**;>,f;ghy; v];.v];.>rJuq;fgP.Nf.b. >,f;ghy; vk;.rp.vk;.: *mn]hy;yh gpd;dl;lh* %yk; gPgp apd; Nth;j;jz;bid J}a;ikg;gLj;jy;> rh;tNjr Rw;whly; tpQ;Qhd ,jo;>(2013)>3:1811-1821.
* Fkhu hP.b.Nf.v];.> rgukL vk;.b.N[.v];.>**jahgud;vk;**;> 2013. jhtug; gFjpfisg; gad;gLj;jp ePhpd; td;ikiaf; Fiwj;jy;. ,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs;>2013 etk;gh; 28-29> gf;. 387-389.
* Fthlh; vk;.vk;.>**jahgud;vk;**;>,f;ghy; v];.v];.>,f;ghy; vk;.rp.vk;.(2013):Njhy;gjdpLk;rhiy tbfhypypUe;J FUkg; ghpfhuk; gw;wpa Muk;g Ma;T>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs;>2013 etk;gh; 28-29> gf;. 396-399.
* Fkhu hP.b.Nf.v];.>**rgukL vk;.b.N[.v];.>**jahgud; vk;;> 2013. jhtug; gFjpfisg; gad;gLj;jp ePhpd; td;ikiaf; Fiwj;jy;. ,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs;>2013 etk;gh; 28-29> gf;. 387-389.
* ‘MAh;Ntj %ypif vz;nza;fs;: ‘ gpz;Nlh vz;nza;’ apy; me;jpuf;Ndhd;fis vr;.gP.vy;.rp. milahsg;gLj;jYf;fhfTk; mstpLtjw;Fkhd Kiwnahd;wpid tpUj;jpnra;jy;’>**rp. uzrpq;f**> V.vk;. mNgNrfu> [p.vk;.Nf.gp. FzhN`uj;>,yq;ifapy; ,urhadk;>2013> thy;.**30**> ,y.2> gf;. 41.
* **jpU. b.Mh;. FyJq;f**- ,yq;if Njrpa tpQ;Qhd kd;w (Nj.tp.k) ,jo;> 2013> 41(4): 287-292> Muha;r;rpf; fl;Liu> ,yq;ifapy; fyg;glj;jpw;fhf Bry;> ngl;Nuhy; vhpnghUl;fis milahskply;.
* [p. gz;lhuNf>vk;.vd;.Nf. j nrha;]h> v];. Nyhfehjd;>**V.v];. jpf;Fk;Gu** : *kuGrhuh gl;lg;gbg;G ,urhad Ma;T$l tFg;giw xd;wpNy rpe;jpf;Fk; jpwd;fis kjpg;gpLjy;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>*gf;. 78-81> (2013).

***Rfhjhu tpQ;Qhdj; Jiw***

* **gp.vk;.rP.Mh;. tpkyrphp>**V.vk;.v];.b. jprhehaf;f (2013). ‘ kUj;Jt Ma;T$lq;fspy; Gs;sptpgutpay; juf; fl;Lg;ghL’>
* **V.tP.gP.khjtp**> N[.vk;.v];.[ath;jd> vr;.[p.vd;.b. gpNukre;jpu> vr;.vk;.V.Nf. Fkhurpq;f>**[p.[p.lgps;A.rP.tpN[Nrfu**(2013). fz;b Nghjdhitj;jparhiyapy; gps;isg;Ngw;Wtypapd; NghJ kfg;Ngw;W guhkhpg;Gg; gw;wpa jhapd; mDgtk;.
* lgps;A.vk;.v];.Nf. tpN[Re;ju> Nf.gP.gP.rp. Fzjpyf> vr;.vk;.v];. nrdtpuj;d>**gp.v];.v];. j rpy;th> [p.[p.lgps;A.rP.tpN[Nrfu** (2013).mDuhjGu Nghjdhitj;jparhiyapy; gpwe;j Foe;ijfSf;F kj;jpapy; Fiwe;j gpwg;G epiwf;F nry;thf;Fr; nrYj;Jk; fhuzpfs; >; Xh; Muk;g Ma;T.
* rP.Nf. fe;jhTl>**gp.v];.v];. j rpy;th> vr;.<. ahg;gh** (2013). ,yq;ifapy; njhopy;rhh; jhjpah; rq;fq;fSld; njhlh;Gila jhjpah;fSf;F kj;jpapy; mwpTk; kdg;ghq;Fk;.
* X.[p.gP.Mh;.rP.vy;. `{q;fk;nghy> v];.vk;.rP. rkuNfhd;> b.V.rP.b. ngNuuh> vr;.V.vk;.v];. ngNuuh**gp.v];.v];. j rpy;th> Mh;.gp.N[. Gj;jpf** (2013). ,iug;ig mow;rpapy; nry;thf;Fr; nrYj;Jk; fhuzpfs;: ,iug;ig mow;rpAila NehahspfSf;F kj;jpapy; fhzg;gLk; mwpT> kdg;ghq;Ffs;>nrad;Kiwfs; gw;wp kjpg;gpLtjw;fhd Xh; Muk;g Ma;T.
* [p.vk;. rke;jp> vr;.vr;.b.vy;. gphpaq;fpfh> lgps;A.V.hP.gP. FzNrfu>**gp.v];.v];. j rpy;th>**vd;.Nf.v];.vk;. ep]q;f >; njhpTnra;ag;gl;l rpWth; FO xd;Wf;F kj;jpapy; tpgj;Jf;fSld; njhlh;Gila fhuzq;fSk; ,luhd tplaq;fSk;.
* **V.tP.gP.khjtp**> N[.vk;.v];.[ath;jd> vr;.[p.vd;.b. gpNukre;jpu> vr;.vk;.V.Nf. Fkhurpq;f>[p.[p.lgps;A.rP.tpN[Nrfu(2013). fz;b Nghjdhitj;jparhiyapy; gps;isg;Ngw;Wtypapd; NghJ kfg;Ngw;W guhkhpg;Gg; gw;wpajhapd; mDgtk;.
* gp.lgps;A. jPgpfh> Nf.[p.vd;. gpurq;fpfh> Mh;.vk;.v];.Nf. tpf;ukrpq;f>**gp.v];.v];. j rpy;th>**b.gP.b.v];. jp]hehaf;f >; gps;isg;Ngw;Wtyp nrad;Kiwapd; NghJ ngjpildpd; jhf;fk;: jhapd; Nehf;F.
* **V.tP.gP.khjtp**> vk;.I. eph;kyP > Mh;.rP.lgps;A. uh[gf;\> vk;.vk;.V.Mh;. re;uyjh> lgps;A.vk;.v];. cja Fkhhp > vy;. re;jd >; fl;bsik AtjpfSf;F kj;jpay; clw; Njhw;wf; fhl;rpAk; czTg; gof;ftof;fq;fSk;.
* **tpkyrphp gp.vk;.rP.Mh;.>**jp]hehaf;f V.vk;.v];.b.vk;.> ehzaf;fhu v];.b.I.> [aNrfu Nf.gp.> mKZfk gP.lgps;A.Nf.Nf.> ul;ehaf;f Mh;.vk;.I.A.> jp]hehaf;f b.vk;.hP.v];. : ,aw;if Cw;W ePiu toq;FjYk; gjtpa gpuNjr tptrhapfspd; rpWePuff; Foha;j; njhopw;ghLfSk;> Nf.v];.vk;. ,d; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>(2013).

**tpkyrphp gp.vk;.rP.Mh;.>**jp]hehaf;f V.vk;.v];.b.vk;.> ehzaf;fhu v];.b.I.> [aNrfu Nf.gp.> mKZfk gP.lgps;A.Nf.Nf.> ul;ehaf;f Mh;.vk;.I.A.> jp]hehaf;f b.vk;.hP.v];. : tl kj;jpa khfhzj;jpy; ePhpd; Nrh;khd epiyikAk; tptrhapfspd; rpWePufj; njhopw;ghLk;> Nf.v];.vk;. ,d; tUlhe;j fy;tprhh; mkh;Tfspd; eltbf;iff;Fwpg;Gfs;>(2013).

***ngsjPftpay;; Jiw***

**RUf;fq;fs;**

* Mur;rp Mh;.rP.lgps;A.>**ngh;ehe;J [p.lgps;A.V.Mh;.>**(2013). Fiwe;j nryTila epiyg;gLj;jy; njhopy;El;gj;ijg; gad;gLj;jp fopTePh; kw;Wk; ifj;njhopy; fopT Mfpatw;wpy; FUk kl;lq;fisf; Fiwj;jy;> epiyahd Efh;T> cw;gj;jp njhlh;ghd 2tJ ,yq;if tl;l Nkir (ep.E.c.,y.t)> 2013 ngg;uthp 21-22> nfhOk;G> gf;. 78-79.
* eNdhfpwp];liyd;> eNdhnghw];TiO2  epow;gl czh;jpwd;fUtpapd;mkpo;j;Jk; fhyj;jpy; jq;fpapUf;Fk; tpidj;jpwDk; ,aw;if rhaj;jpdJ gPvr; ngWkhdKk;> gP.lgps;A. mNgFzth;jd1>2> rP.V. njhl;ltj;jNf1>**[p.Nf.Mh;. NrdhjPu1>2**> vk;.V.Nf.vy;. jp]hehaf;f1> N]hyh; Vrpah 2013> khehl;Lf;Fwpg;Gf;fs;> kyhah gy;fiyf;fofk;> Nf.vy;.> kNyrpah (2013 Mf];l; 22-24)> gf;. 117-122.
* fyf;fg;gl;l kPr;Nrh;k kpd;gphp gP.vk;.vk;.V.ia mbg;gilahff; nfhz;l rha $Uzh;jpwD}l;lg;gl;l #hpa fyq;fspy; tpidj;jpwid Nkk;gLj;jy;: fiwaf;fyit cg;Gf;fshf Pr4N+I- Tld; $ba gP.<.[p> v];.vy;. [auj;d 1> 4\*> vk;.V.Nf.vy;. jp]hehaf;f1> tP.V. nrdtpuj;d 2>rP.V. njhl;ltj;jNf1>**[p.Nf.Mh;. NrdhjPu1>**3> N]hyh; Vrpah 2013> khehl;Lf;Fwpg;Gf;fs;> kyhah gy;fiyf;fofk;> Nf.vy;.> kNyrpah (2013 Mf];l; 22-24)> gf;. 137-142.
* gP.vk;.vk;.V. n[y; kpd;gphpAld; $ba TiO2> SnO2 kpd;tha;fis mbg;gilahff; nfhz;l Gjpa miuasthd jpz;k epiy kpd;FUktpidj;jpwd;kpf;f rd;dy;fs;> vr;.vd;.vk;. rhuzpfh1>2>3>\*>**[p.Nf.Mh;. NrdhjPu1>**4> rP.V. njhl;ltj;jNf1>vk;.V.Nf.vy;. jp]hehaf;f>N]hyh; Vrpah 2013> khehl;Lf;Fwpg;Gf;fs;> kyhah gy;fiyf;fofk;> Nf.vy;.> kNyrpah (2013 Mf];l; 22-24)> gf;. 169-174.
* TiO2  Tld; $ba rha $Uzh;jpwD}l;lg;gl;l #hpa fyq;fspd; tpidj;jpwid Nkk;gLj;Jtjw;fhf nghd;dpw eNdhJfs;fspd; Nkw;gug;G gpsh];kd; xypaiy vjph;tpidg; gad;gLj;jy;> hP.Mh;.rP.Nf. tpN[uj;d> it.gP.it.gP. Mhparpq;f>**[p.Nf.Mh;. NrdhjPu**>**tP.gP.v];. ngNuuh**> rP.V. njhl;ltj;jNf> N]hyh; Vrpah 2013> khehl;Lf;Fwpg;Gf;fs;> kyhah gy;fiyf;fofk;> Nf.vy;.> kNyrpah (2013 Mf];l; 22-24)> gf;. 123-130.
* vd;.vg;. m[;thj;> vy;.V.vd;. Nj\gphpa> rP.vr;. khdJq;f> b.vy;.vd;. [ajpyf>**tP.gP.v];. ngNuuh**>NgusTgy;tif,izg;G Nrjd xspg;glkpd;typf;fspy; Jisg; Nghf;Ftuj;Jg; gilahf nrk;Gf; fiwak;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs; 2013> (2013 etk;gh; 27-28)> gf;. 1361-1364.
* Mh;.rP.vy;. j rpy;th>**tP.gP.v];. ngNuuh**> v];.Mh;.b. Nuhrh: Nrhbak; mad; kPs;kpd;epug;gf;$ba ngw;whpfspd; vjph;kpd;tha;fspy; ntg;g hPjpahf $l;bizf;fg;gl;l NaCoO2 ,idg; gad;gLj;jy;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs; 2013> (2013 etk;gh; 27-28)> gf;. 1357-1360.
* rP.vr;. khdJq;f>**tP.gP.v];. ngNuuh**: xspg;glkpd;typg; gpuNahfq;fSf;fhf gy;rhag;nghUs; glr;RUs;;fspd; tz;zg;gl;il Ma;tpay;hPjpahd jil gw;wpa gFg;gha;T>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs; 2013> (2013 etk;gh; 27-28)> gf;. 1365-1368.
* Mh;.vk;.v];. tpuh[pdp>**tP.gP.v];. ngNuuh> N[.rp.vd;. uhN[e;jpuh**: mWtilf;Fg; gpd;duhd vr;rq;fspypUe;J gphpj;njLf;fg;gl;l rpypfhtpid gz;GhPjpahf tpsf;Fjy;>,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tfs; 2013> (2013 etk;gh; 27-28)> gf;. 1382-1386.

**,jopay; Ma;Tf;fl;Liufs;**

* **ngh;dhe;J [p.lgps;A.V.Mh;.>**ngsk;fhl;lh;vy;.gP.>n`hg;nka;];lh; lgps;A. (2013). ,yq;ifapd; Nkl;Lepyj; njhFapypUe;J gpuD}iyl; Ngrpa]; my;l;uhkhgpf;rpd; cah;-ntg;g khw;W clw;$w;wpaYk; eypTk; : fsj; njhlh;Gfs;>epiykhw;w eLepiy mikjpAk; jputf; fopTfSk;>J Geol. Soc. of Sri Lanka> thy;.15> 162-181.
* Pr4NI+MgI2 ,uz;L fiwaif cg;Gf; fyitAld; $ba gP.V.vd;. n[y; kpd;gphpia mbg;gilahff; nfhz;l rha $Uzh;jpwD}l;lg;gl;l #hpa fyq;fspy; tpidj;jpwid Nkk;gLj;jy;: vk;.V.Nf.vy;. jp]hehaf;f**\***> rP.V. njhl;ltj;jNf**\***>**[p.Nf.Mh;. NrdhjPu\***> hP.vk;.lgps;A.N[. gz;lhu**\***> lgps;A.N[.vk;.N[.v];.Mh;. [aRe;j**\***> gp.<. nkyz;lh;: gpuNahf kpd;,urhad ,jo;> Vw;Wf;nfhs;sg;gl;lJ> 2013 [\_d; 27.
* ,aw;if rha $Uzh;jpwD}l;lg;gl;l #hpa fyq;fspd; khw;Wk; tpidj;jpwid Nkk;gLj;Jtjw;fhd %lg;gl;l ,iz czh;jpwD}l;ly;: vd;.hP.Mh;.vd;. Fkhu> gparpwp Vfehaf;f> mz;lhp ypk;> Yap]; yPt; A rpahq;f;> K`k;kj; ,];fz;lh;> ypk; rP kpq;f;>**[p.Nf.Mh;. NrdhjPu>**cNyhff;fyg;Gf;fs; gy;rpidg;nghUl;fs; ,jo;> 581 (2013)> 186-191.
* nghpa SrTiO3 Jzpf;iffisf; $l;bizg;gjd; %yk; eNdh-fpwp];lypd; SnO2 ,d;rha $Uzh;jpwD}l;lg;gl;l#hpa fyq;fspy; xspg;glkpd;typ mstPLfis Nkk;gLj;jy;: [p.vk;.vy;.gP. mNghd;R> hP.Mh;.rP.Nf. tpN[uj;d> I.Nf. ngNuuh>**tP.gP.v];. ngNuuh>** V.rP.gP.Nf. rpwpth;jd.
* ];ngf;l;Nuhrpkpfh mf;lh gFjp V: mZj;jpuz;k> caphpay; mZj;jpuz;k ];ngf;l;u];Nfhgp> 109 (2013)>37-41.

***tpyq;fpay; Jiw***

* vd;.vd;. #hpaMur;rp> Mh;.N[. ,NyngUk> vr;.hP.Mh;. [a#hpa>**[p.Mh;. uztf;f** (2013): ,yq;ifapy; <l]; fhtpfspd; b.vd;.V. Nfhl;Lf; FwpaPl;Lg; gFjpaid kugZhPjpahf tpsf;Fjy;. *caphpay; epWtf 33tJ tUlhe;j mkh;Tf; Fwpg;Gf;fs;> gf;. 24.*
* Nf.v];. FzNrfu>**[p.Mh;. uztf;f** (2013): caph;k vYk;Gf;FUj;jpay;rhh; bvd;V rPXI kugZ (2013) gw;wpa gFg;gha;tpid mbg;gilahff; nfhz;L ,yq;ifapypUe;J ikfhny]p]py; fhzg;gLk; kugZ NtWghL>*tpQ;Qhd Kd;Ndw;wj;jpw;fhd ,yq;ifr; rq;fj;jpd; 69tJ tUlhe;j mkh;Tf; Fwpg;Gf;fs;>* gf;. 78.
* Nf.v];. FzNrfu> [p. thd; Nlh; G+h;njd;>**[p.Mh;. uztf;f** (2013): ,yq;ifapy; ikfhny]p]; ,d tz;zhj;jpg;G+r;rpfis tbt mstPl;LhPjpahf tpsf;Fjy;>*,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tf;Fwpg;Gf;fs; 2013>*gPtP 451.
* Fthlh; vk;.vk;.>**vjphprpq;f <.V.b.vd;.b.** (2013): fSj;Jiw khtl;lj;jpy; tfh ,aw;if td ruzhyaj;jpYs;s %d;W ntt;NtW tho;tplq;fspy; fhzg;gLk; kz; kw;Wk; khtilj;njhFjpg; guk;gy; >; ,yq;if tUlhe;j fy;tprhh; mkh;Tfs; 2012>,yq;if jpwe;j gy;fiyf;fofk;.
* Fthlh; vk;.vk;.>**vjphprpq;f <.V.b.vd;.b.** (2013): ,yq;ifapy; tfh ,aw;if td ruzhyaj;jpd; kz; kw;Wk; caphpdj; njhFjpapy; fhzg;gLk; nfhypnahg;lud; khtil gw;wpa Ma;T. *,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;Tf;Fwpg;Gf;fs; 2013>*gf;.1457.
* hP.Nf. tPurpq;f>**vjphprpq;f <.V.b.vd;.b.>**vg;.vd;. erhh; (2013): rpy kz; gjhh;j;jq;fspD}lhf epy gad;ghl;L khw;wq;fspd; jhf;fq;fs; gw;wpa Muk;g Ma;T.
* **Gd;rpN`th vd;.vd;.> fpwp\;zuh[h v];.Mh;**.> tpNdhggh gP. (2013): ik]pl; (fpw];uh]pah: ik]plh]pah) nghy;nfhl fopKfk;> Yzht Vhpapy; fhzg;gLk; guk;gy;. v];.vy;.V.vg;.V.Mh; ,d; eltbf;iff;Fwpg;Gfs;. **18** (1) 18.
* **Gd;rpN`th vd;.vd;.> fpwp\;zuh[h v];.Mh;**.(2013m): epA]pyhe;J xf;yhz;l; gpuhe;jpaj;jpy; fhzg;gLk; ik]pl;fspd; (fpw];uh]pah: ik]plh]pah)guk;gy;.*mnkhpf;ffly;rhh; tpQ;Qhd ,jo;> 2013>thy;.1> ,y. 1> 16-21.*
* **Gd;rpN`th vd;.vd;.> fpwp\;zuh[h v];.Mh;**.(2013M): epA]pyhe;J xf;yhz;by; fopKf #oy;njhFjpapNy ,uz;L ik]pl; ,dq;fspd; (fpw];uh]pah: ik]plh]pah) czT+l;lQ;rhh; epiy> fjphpaf;fkw;w Xufj;jdpkg; gFg;gha;tpidg; gad;gLj;jy;>*mnkhpf;f fly;rhh; tpQ;Qhd ,jo;> 2013> thy;.1> ,y. 1>22-27.*
* **Gd;rpN`th vd;.vd;.> fpwp\;zuh[h v];.Mh;**.(2013,): ,uz;L rpwpa kPd; ,dq;fspd; jpl;l cztpy; Xh; czT tifahfik]pl;fspd; rhh;G Kf;fpaj;Jtk;>epA]pyhe;J xf;yhz;l; gpuhe;jpa ffkJdh XilapNyfhzg;gLk; fyf;]pa]; kFNyl;];> me;jphpdplha; ,dq;fs; >; ,yq;if jpwe;j gy;fiyf;fof tUlhe;j fy;tprhh; mkh;T2013>,yq;if jpwe;j gy;fiyf;fofk;.
* tpf;ukl;d vk;.lgps;A.b.>**fpwp\;zuh[h v];.Mh;**.(2013): ,yq;ifapd; fSj;jiw khtl;lj;jpNy kz;GOtpd; gy;tifj;jd;ikAk; ,df; $l;Lf;fSk; >; kz; caphpay; gy;tifj;jd;ik gw;wpa Njrpa Ma;tuq;Ff; Fwpg;Gf;fs;> gf;. 56-60.
* tpf;ukl;d vk;.lgps;A.b.> **fpwp\;zuh[h v];.Mh;**.(2013): ,yq;ifapd; fSj;jiw khtl;lj;jpNy kz;GO ,dq;fspd; gy;tifj;jd;ikAk;; guk;gYk; >; I.X.gp. rpNyhd; eltbf;iff; Fwpg;Gf;fs;> 33 (1) 19.