

ST. XAVIER'S COLLEGE (AUTONOMOUS)

Palayamkottai - 627 002

(Recognized as "College with Potential for Excellence" by UGC)
(Re-accredited with "A++" Grade with a CGPA of 3.66/4)



SYLLABUS

B.A. TAMIL

(w.e.f 2021 - 2022)

**,sq;fiyj; jkpo;j;Jiw
gl;lg;gbg;G nghJj;jkpo;g; ghlj;jpl;lk;**

2021-Mk; Mz;L Kjy; Gjpa fy;tpj; jpl;l;jpd; fPo; gapy;Nthh;f;F

Jha rNthpahh; jd;dhl;rp; fy;Yhhpapd; Fw;Nfhs; 'xspAk; ca;Tk; cz;ikahy'; vd;gjhFk;. ek; fy;Yhhp 98 Mz;Lfl;F Nky; cah; fy;tpf;fhf cd;djkhd gzpia Mw;wp tUfpwJ. Fwpg;ghf tWikAw;Nwhh;f;F Kd;Dhpik jUk; fy;tp epWtdk; ,J. jd;dhl;rpj; jFjp cilaJ ek; fy;Yhhp.

le;J el;rj;jpu jFjpiaj; Njrpaj; ju kjpg;gPl;Lf; FO toq;fp cs;sJ. jFjpfhz; kpF ikak; vd;w rpwg;igAk; ngw;wJ rNthpahh; fy;Yhhp. jw;NghJ 'A⁺⁺' fpNuL (3.66) jFjpia ngw;Ws;sJ.

njhl;ff; fhy;jpy; jkpo;j;JiwahdJ nkhopj;JiwfSs;; xd;whf kl;Lk; ,Ue;jJ ,d;W muR cjtpg;ngWk; gphptpy; nghJj;jkpo;g; ghlj;Jld; KJfiyj; jkpopyf;fpak;> Ma;tpay; epiwQh; (vk;/gpy;) Kidth; Mfpa gl;lq;fSf;fhfg; gapw;Wtpf;Fk; Jiwahf tsh;r;rp ngw;Ws;sJ. NkYk; Raepjpg; ghl;g;gphptpy; ,sq;fiyj; jkpo;g;gl;lg; gbg;G ,UghyUf;Fk; gapw;Wtpf;fg;gLfpwJ.

ngghJj;jkpo;g; ghlj;jpl;l;jpy; ,yf;fpa tuyhW rhpahdijj; Njh;T nra;f vd;w gpd;;dzpapy; fw;Wf;nfhLf;fg;gLfpwJ. ,J muR el;Jk; Nghl;b; Njh;Tfl;Fg; nghpJk; cjTk;> Nky;epiyg; gs;spapypUe;J tUk; khzth;fs; jkpiog; NgRknghOJk; vOJk;ngghOJk; rhpahd Kiwiag; gpd;gw;whky; gpioglr; nray;gLtijj; jtph;f;f gpiopay;yhky; vOJNthk; vDk; ghlk; fw;Wj; jug;gLfpwJ.

tsh;e;J tUk; jfty; njhlh;Gr; rhjdq;fs;> tpz;zg;gq;fs; vOJjy;> xl;bAk;> ntl;bAk; vOjg; goFjy; Nghd;wit Fwpj;Jk; vk; fy;Yhhp gapw;Wtpf;fpwJ.

12-Mk; tFg;G tiu jkpio nkhopg; ghlkhfg; gapyhNjh;f;F khzth;fSf;F mbg;gilj; jkpo; fw;Wf;nfhLf;fg;gLfpwJ. 10-Mk; tFg;G tiu jkpo; gbj;J ,e;jp> gpnuQ;R ghlk; Njh;e;njLj;jhy; rpwg;Gj; jkpo; fw;Wf;nfhLf;fg;gLfpwJ.

Fwpg;G:

BBA, B.Sc., (Computer Science), BCA, B.Com (Corporate Secretaryship) B.Com(CAS)MfpNahUf;Fg; nghJj;jkpohdJ Kjy; ,U gUtKk;> kw;wth;fSf;F ehd;F gUtKk; ghlkhf mikAk;.

BMS vDk; ,sk; mwptpay; ghlg;gphptpw;f;F Kjy; gUtk; kl;Lk; jkpo; nkhopg;ghlkhf mikAk;.

B.A TAMIL COURSE PATTERN

Sem.	Status	Sub Code	Title of the Paper	Hrs	Cdts
I	Lang	21 UGT 11	Tamil - I	6	3
	Lang	21 UGH 11	Hindi - I		
	Lang	21 UGF 11	French - I		
	Lang	21 UGE 11	General Eng - 1	6	3
	Core-1	21 UTL 11	,yf;fzk;> ed;D}y; vOj;J	6	5
	Allied-1	21 UTLA 11	,f;fhy ,yf;fpak; - 1 (ftpijAk; ehlfKk;)	5	5
	NME-I	21 UNM 11	Rw;Wyhtpay;/mbg;gilj; jkpo;		
	SBE-I	21 USB 11	rpwg;Gj; jkpo;	2	2
	VE	21 UVE 11	Ingerted Personality Development	2	2
			Religion – I / Ethics	2	2
			Total	30	22
II	Lang	21 UGT 21	Tamil - II	6	3
	Lang	21 UGH 21	Hindi - II		
	Lang	21 UGF 21	French - II		
	Lang	21 UGE 21	General Eng - II	6	3
	Core-2	21 UTL 21	,yf;fzk;-ed;D}y;-nrhy;	6	5
	Allied-2	21 UTLA 21	Fundamentals of Computer	6	5
	NME-II	21 UNM 21	tpsk;guf;fiy/mbg;gilj;jkpo;	2	2
	SBE-2	21 USB 21	rpwg;Gj; jkpo;	2	2
	SBE-3	21 USB 22	Life Issues and coping skill development. kf;fs; jftypay; tuyhW	2	2
				Total	30
III	Lang	21 UGT 31	Tamil - III	6	3
	Lang	21 UGH 31	Hindi - III		
	Lang	21 UGF 31	French - III		
	Lang	21 UGE 31	General Eng - III	6	3
	Core-3	21 UTL 31	,yf;fzk;-nghUs;-mfKk; GwKk;	6	5
	Allied-3	21 UTLA 31	,f;fhy ,yf;fpak; – 2 –ehty; rpWfij ciueil	5	5
	SBE-4	21 USB 31	Human Rights and Social	2	2
	SBE-5	21 USB 32	Analysis ,jopay;	2	2
				2	

	ES	21 ES 31	Environmental Studies		2
				Total	30
					22

Sem.	Status	Sub Code	Title of the Paper	Hrs	Cdts
IV	Lang	21 UGT 41	Tamil - IV	6	3
	Lang	21 UGH 41	Hindi - IV		
	Lang	2121UGF 41	French - IV		
	Lang	21 UGE 41	General English - 1V	6	3
	Core-4	21 UTL 41	,yf;fzk; - ahg;Gk; mzpAk;	6	5
	Allied-4	21UTLA41	jkpo; ,yf;fpa tuyhW	6	5
	Elect-1	21UTLE 41	Rw;Wyhtpay;	4	4
	SBE-6	21 USB 41	kf;fs; jfty; njlh;gpay;	2	2
				Total	30
					22

V	Core-5	21 UTL 52	nkhopngah;g;Gf;fiy	5	4
	Core-6	21 UTL 53	rpw;wpyf;fpak;	5	4
	Core-7	21 UTL 54	rka ,yf;fpak;	5	4
	Core-8	21 UTL 55	fhg;gpak;	5	4
	Elect-2	21 UTLE 51	mwptpay; jkpo;	5	4
	Allied-3	21UTLA 51	,yf;fpaj;jpwdha;T	5	5
					Total
					25

VI	Core-9	21 UTL 61	nrk;nkhopj; jkpo;	6	5
	Core-10	21 UTL 62	mw ,yf;fpak;	6	5
	Core-11	21 UTL 63	rq;f ,yf;fpak;	6	5
	Core-12	21 UTL 64	fpwpj;jt ,yf;fpak;	6	5
	Elect-4	21 UTLE 61	ehl;Lg;Gwtpay;	6	6
	Project		Stand		1
				Sub Total	30
					27
				Grand Total	180
					140

ECC

gUtk; 1	ehlff;fiy
gUtk; 2	ngz;zpak;
gUtk; 3	Ngr;Rf;fiy
gUtk; 4	gilg;gpyf;fpaKk;;; nkhopngah;g;Gk;
gUtk; 5	jkpof tuyhWk; jkpoh; gz;ghLk;
gUtk; 6	ftpd; fiyfs;

Certificate Course

1. jkpo; fw;;gpf;Fk; Kiw

,yf;fzk; - ed;Dhy; - vOj;J

(Sub Code: 21 UTL 11)

gUtk;: 1 jhs; : Core - 1 Hrs: 6 Cdt: 5

Nehf;fk; - 5

1. nkhop mikg;ig mwpjy;
2. nkhopapd; rpwg;G czh;tjhy; jkpo;nkhopapy; Mh;tk; kpFjy;
3. nkhop tsh;r;rp nkhop nefpo;tpd; jpwk; mwpjy;
4. gpioapd;wp nkhopiag; NgrTk; vOjTk; khzth;fisj; jahh; nra;jy;
5. nkhop cUthf;fk; gw;wp mwpjy;

myF : 1 ghapuk; 1 Kjy; 55 E}w;ghf;fs; Kba

myF : 2 vOj;jpay; - 56 Kjy; 1277 E}w;ghf;fs; Kba

myF : 3 gjtpay;> caphPw;Wg; Gzhpay; 128 Kjy; 161 E}w;ghf;fs; Kba

myF : 4 caphPw;Wg; Gzhpay; 162 Kjy; 203 E}w;ghf;fs; Kba

myF : 5 nka;aPw;Wg; Gzhpay;> cUgpay; 204 Kjy; 257 E}w;ghf;fs; Kba

ghl E}y;fs;

1. Nguhrphpah;. Nrhk. ,stuR. ed;Dhy; - vOj;jjpfhuk;> kzpthrfh; gjpg;gfk;> nrdd;id - 18.
2. Kidth; jpUQhdrk;ge;jh;> ed;Dhy; - vOj;jjpfhuk;> fjph; gjpg;gfk;> njw;F tPjp> jpUitahW.

ghh;it E}y;fs;:

1. Kidth; ng. Rak;G> ed;Dhy;> fhz;bifAiu - vOj;jjpfhuk;> ghujp gjpg;gfk;> jpUney;Ntyp.

2. mwpQh; vy;.Nf. mf;dpGj;ud; - Gjpa Nehf;fpy; ed;;Dhy; fhz;bif
ciu. kzpthrfh; gjpg;;gfk;> nrd;id - 18.
3. Kidth; R. moNfrd;> ed;Dhy; - vOj;jjpfhuk; vsipa ciu
Rjh gjpg;gfk;> Jhj;Jf;Fb

**,f;fhy ,yf;fpak; 1 - ftpijAk; ehlfKk;
(Sub Code: 21 UTLA 11)**

gUtk;: I jhs; : Allied - 1 Hrs: 5 Cdt: 4
Nehf;fk; - 5

,f;fhy ,yf;fpa tifikfshd kuGf;ftpj> GJf;ftpj> i`\$ ftpj> ehlfq;fs;
Nghd;wit Fwpj;J mwpe;J nfhs;sTk; gilg;ghw;wiy tsh;j;Jf;nfhs;sTk; Kw;gLjy;

1. GJf;ftpj> ehlf ,yf;fpaq;fis mwpKfk; nra;jy;
2. GJf;ftpjapd;; cUtk;> cs;slf;fr; rpwg;gpj czh;j;Jjy;.
3. ehlf cj;jpfs;> cs;slf;fr; rpwg;gpjdg; gapw;Wtpj;jy;.
4. muq;f mikg;gpj mwpjy;.
5. gilg;gpyf;fpaj; jpwikia khzth;fsplk; cUthf;Fjy;

\$W : 1 GJf;ftpj Njhw;wKk; tsh;r;rpAk;> jw;fhyg;
GJf;ftpjfs;> ehlfj;jpd; Njhw;wKk; tsh;;r;rpAk;>
ehlfj;jkpo;> Njhw;wKk; tsh;r;rpAk;

\$W : 2 kuGf;ftpjfs;
ghujpahh;> ghujpjhrd;> ftpkzp Njrpatpehafk;gps;is>
fz;zjhrd;> gl;Lf;Nfhl;il fy;ahz Re;juk;> Kbaurd;

\$W : 3 GJf;ftpjfs;
e. gpr;r%h;j;jp> Qhdf;\$j;jd;> K. Nkj;jh> mg;Jy;
uFkhd;> fyhg;gphpah> ituKj;J> gpukps;> n`r;.V. u#y;
i`\$ ftpjfs;

\$W : 4 ehlfk; mwpQh; mz;zhtpd; ePjp Njtd; kaf;fk;
(njhlf;fk; - tsh;r;rp - KbT - ghj;jpug;gilg;G - r%fepiy
ntspg;gLj;Jk;; fUj;Jf;fs;)

\$W : 5 ehlfk;
Nfhky; Rthkpehdpd; jz;zPh;; jz;zPh; (njhlf;fk;-rpf;fy;fs;
tsh;r;rp - KbT ghj;jpug;gilg;G - r%fepiy ntspg;gLj;Jk;
fUj;Jf;fs;

ghIE}y;fs;:

1. ty;ypf;fz;zd;> GJf;tpjapd; Njhw;wKk; tsh;r;rpAk;> mfuk;
gjpg;gfk;> jQ;rht+h; 613007

2. Kidth; ,uhkrhkp> K. jkpo;ehlfk; New;W ,d;W ehis> Uj;uh gjpg;gfk;> 14 m. Kjy;njU> mKjhde;j mk;khs; efh;> jQ;rht+h;
3. \$W 2> 3-f;Fhpa gFjpf; ,sq;fiyj; jkpo;j;Jiw ntspaPL
4. Nfhky; Rthkpehjd;> jz;zPh;> jz;zPh;> thdjp gjpg;gfk;> jp.efh;> nrd;id 17.
5. mwpQh; mz;zh> ePjp Njtd; kaf;fk; ghit gg;spNf\d;];> 142> [hdp [hd;; fhd; NuhL> nrd;id - 14> 4k; gjpg;G 2009.
6. vk;khh;. milf;fyrhkp> jkpo; ,yf;fpatuyhW> uhrp gjpg;gfk;> 90> fNz\; efh;> Nrhiya+h; mQ;ry;> nrd;id - 73> 34-Mk; gjpg;G 2002.

ghh;it E}y;fs;

1. f. gpughfh;> gilg;gpyf;fpak;> Nkhfd; gjpg;gfk;> nrd;id-5.
2. MW. mofg;gd;> jkpo;ehlfj;jpd; Njhw;wKk; tsh;r;rpAk;> ghhepiyak; nrd;id-108
3. jkpoz;zy;> Gjpa Nehf;fpy; jkpo; ,yf;fpa tuyhW> kPdhl;rp Gj;jf epiyak;> kJiu.

Rw;Wyhtpay;

(Sub Code: 21 UNM 11)

gUtk;: 1 jhs; : NME - 1 Hrs: 2 Cdt: 2

Nehf;fKk; gaDk;

1. Rw;Wyh Njhw;wk;> tsh;r;rp gw;wp mwpjy;.
2. Rw;Wyhtpd; Kf;fpaj;Jtj;ij czh;jy;
3. gy;NtW Rw;Wyhj; jsq;fis mwpjy;
4. Rw;Wyhj; Jiwapy; Ntiy tha;g;gpidd; ngWjy;
5. jkpof Xtpak; njhlh;ghd Rw;Wyhj; jsq;fis mwptpj;jYk;> mwpjYk;
6. jkpof rpw;gq;fs; njhlh;ghd Rw;Wyhj; jsq;fis mwptpj;jYk;> mwpjYk;
7. gy;NtW Rw;Wyh ,lq;fisf; fz;L gazf;fl;Liu vOJjy;

- \$W : 1** Rw;Whyh vd;gJ vd;d? - fhyq;fs; NjhWk; - Rw;Wyhtpd; tiffs;
- \$W : 2** Rw;Wyhtpd; gphpTfs; - Rw;Wyhj; J}z;L fhuzpfs; - Rw;Wyh tsh;r;rp;fhd fhuzq;fs;
- \$W : 3** Rw;Wyhtpd; nghUshjhu Kf;fpaj;Jtk; - gaz Kfth;fs;> Rw;Wyh fofq;fs;

\$W : 4 gaz Mtzq;fs; - ,e;jpahtpy; Rw;Wyh - ,e;jpar; Rw;Wyh tsh;r;rpf; fofk; - Nehf;fq;fs; - rhjidfs; - jkpo;ehL Rw;Wyh tsh;r;rpf; fofk; - Rw;Wyhj; jpl;lq;fSf;F muR rYiffs;;> jkpo;ehL Rw;Wyh Nkk;ghl;Lj;::; jpl;lq;fs;

\$W : 5 Rw;Wyh Nkk;ghLk; tpsk;guKk; - Rw;Wyh topfhl;b

ghl E}y;

1. Mh;. rhe;jFkhhp> Rw;Wyh> rhe;jh gg;sp\h;];> nrd;id - 600014> ,uz;lhk; gjpg;G - 2002.

ghh;it E}y;fs;:

1. Kidth; <];tud;> Rw;Wyhtpay;> ghit gg;spNf\d;];> nrd;id Kjy; gjpg;G - 2006.
2. nt. fpUl;bzrhkp> Rw;Wyh tsh;r;rp> kzpthrfh; gjpg;gfk;> Kjw;gjpg;G> 2008.
3. Kidth; fkyk; rq;fh;> Rw;WyhTk;> gpw JiwfSk;> epa+nrQ;Rhp Gf; `T];> (gp) ypl;>Kjy;; gjpg;G 2008.

,yf;fzk; - ed;Dhy; - nrhy;

(Sub Code: 21 UTL 21)

gUtk;: II jhs; : Core - 2 Hrs: 6 Cdt: 5

Nehf;fKk; gaDk;

1. nrhy; ,f;fzj;ij epidT \$h;jy;
2. nrhy; mik;gpd; rpwg;gp id czh;jy;
3. nkhop nefpo;tpd; jpwd; mwpjy;.
4. gpioapd;wp nkhopapidg; NgrTk;> vOjTk; gapw;Wtpj;jy;.
5. gilg;ghf;fj; jpwid cUthf;Fjy;.

ghlj;jpl;l;k;

\$W : 1 ngahpay; (E}w;ghf;fs; 1 Kjy; 62 Kba)

\$W : 2 tpidapay; (E}w;ghf;fs; 63 Kjy; 94 Kba)

- \$W : 3 nghJtpay; (E}w;ghf;fs; 95 Kjy; 131 Kba)
- \$W : 4 nghJtpay; (E}w;ghf;fs; 132 Kjy; 163 Kba)
- \$W : 5 ,ilapay;> chpapay; (E}w;ghf;fs; 164 Kjy; 206 Kba)

ghh;it E}y;fs;

1. Nguhrphpah;. Nrhk. ,stuR. ed;Dhy; - nrhy;yjpfhuk;> kzpthrfh; gjpg;gfk;> nrd;id - 18.
2. ed;Dhy; nrhy;> Kidth; r. jpUQhdrk;ge;jk;> fjph; gjpg;gfk;> njw;FtPjp> Kjy; gjpg;G [_d; 2007.

ghl E}y;fs;

1. Kidth; ng. Rak;G> ed;Dhy; nrhy;yjpfhuk;> fhz;bif ciu> ghujp gjpg;gfk; - Kjw;gjpg;G gpg;. 2021.
2. ed;Dhy; fhz;bifAiu> fof ntspaPL irtrpj;jhe;j Ehw;gjpg;Gf;fofk;> K.g. 1982
3. Kidth; R. moNfrd;> ed;Dhy; - nrhy;yjpfhuk; vspa ciu Rjh gjpg;gfk;> Jhj;Jf;Fb.

FUNDAMENTALS OF COMPUTERS
(Sub Code: 21 UTLA 21)
fzpdpapd; mbg;giliaj; njhpe;J nfhs;Sjy;
fzpdp mwpitg;ngw;W Ntiy tha;g;igg; ngWjy;

gUtk; : II **jhs;: Allied** **Hrs: 6** **Cdt: 6**

Word 2007

Unit: I

Setting up Your World Environment - Text Basics - Saving Document - Proofing Features - Working with Hyperlinks - Printing.

Unit: 2

Creating a New Document - Formatting Text - Working with Text boxes - Inserting Clip Art - Working with Shapes - Using a Template - Working with Lists - Line and Paragraph Spacing.

Unit: 3

Modifying Page Layout - Working with pictures - Columns and Ordering with Headers and Footers - Working with Tables - Using Smart Art Graphics - Using Indents and Tabs - Applying Styles and Themes - Using Mail Merge.

Excel 2007**Unit: 4**

Setting Up Your Excel Environment - Starting a Workbook - Modifying Columns, Rows, and Cells - Formatting Text - Creating Simple Formulas - Working with Cells - Printing Workbooks - Creating Complex Formulas - Working with Basic Functions - Sorting, Grouping and Filtering cells - Formatting Tables - Aligning Text - Working with Worksheets.

Power Point 2007**Unit: 5**

Setting up your power Point Environment - Presentation Basic - Text Basics - Themes and Background Styles - Pictures and Clip Art - Working with Lists - Proofing Slides - Viewing and Printing Slides - Word and Shapes - Working with Tables - Working with Charts - Inserting Movies - Inserting Sound - Animating Text and Objects - Using Transitions - Using the Slide Master - Smart Art Illustrations - Hyperlinks and Action Buttons - Arrange Objects - Indentation and Line Spacing - Finalize a Presentation and Package for CD.

Text Book - 2

1. Joe Habruken, Microsoft Office 2008
2. Joe Habruken, M.S. Excel

Ref. Books - 2

1. fhe;jp fz;zjhrd;> ikf;Nuhrhg;l;> Nth;l; 2002 Mgp];> fz;zjhrd; gjpg;gfk;> nrd;id.
2. rp. ney;iyf; fz;zjhrd;> vk;.v];.Mgp];> ney;]; gg;spNf\d;];> jpUney;Ntyp.

tpsk;guf;fiy

(Sub Code: 21 UNM 21)

gUtk;: II

jhs;: NME - 2

Hrs: 2

Cdt: 2

Nehf;fKk; gaDk;

1. tpsk;guj;jpd; mtrpaj;ij typaWj;jy;
2. tpsk;guq;fspd; gy;NtW tbtq;fis mwpjy;
3. tpsk;gu rhjdq;fs; gw;wp mwpjy;
4. tpsk;guq;fs; cUthf;fg; gapw;rp mspj;jy;

\$W 1: tpsk;guk; - tpsf;fKk; tuyhWk;

tuyhw;Wg; gpd;dzp – njhlf;ffhy epiy - ,ilf;fhy epiy – gpw;fhy epiy – jfty; njhlg;G rhjdq;fspy; tpsk;gu tsh;r;rp – cyf mstpy; tpsk;guq;fspd; tsh;r;rp - ,e;jpa tpsk;gu tuyhW

\$W 2: tpsk;gu Nehf;fKk; tiffSk;

tps;guj;jpd; ,d;wpaikahik-tps;gu Nehf;fq;fs; - tps;guj;jpd; jPikfs; - tiffs; - r%f tps;guq;fs;

\$W 3: tpsk;gu rhjdq;fs;

rhjd chpikahsUk; tps;gujuh;fSk;-tps;guj;jpd; tpiTfs; ghFghLfs; - tps;guj;jpw;fhd mbg;gil tpdhf;fs; - tps;gu Muha;r;rp mikg;Gfs;.

\$W 4: tpsk;gu epWtdq;fs;

tps;guj; Jiwapd; fl;likg;G – tps;guj; Jizg; gzpfs; - tps;gug; glk; vLj;jy; - tps;gu khly;fs; xOf;f newpfs; - ,e;jpa tps;gu epWtdq;fspd; tuyhWk; thzpfKk; - tps;guKk; kw;Wk; fhl;rpg; gpur;rhu ,af;fKk; - tps;gu epWtd tpUJfs;.

\$W 5: tpsk;gu efYk; cj;jpfSk;

tps;gu efy; tpsf;fk; - efypd; rpwg;gpay;Gfs; - tps;gu efYk; cstpaYk; - tps;gu cj;jpfs;.

ghlE}y;

1. lhf;lh; m. tpehaf %h;j;jp> tpsk;guf;fiy> ghyKUfd; gjpg;gfk;> 63> GJj;njU> nrq;Fl;il> fhl;ghb – 632 007 NtY}h; khtl;lk; kPs; gh;itapl;l gjpg;G 2006.

ghh;it E}y;

1. r. <];tud;> ,uh. rghgjp> tpsk;guf;fiy> ghit gg;spNf\d;];> ,uhag;Ngl;il> nrd;id.

kf;fs; jftypay; tuyhW

(Sub Code: 21 USB 22)

gUtk;: II jhs;: SBE - 3 Hrs: 2 Cdt: 2

Nehf;fk; - 5

1. jfty; njhlg;gpay; mwpKfk; nra;jy;

2. jfty; njhlh;gpay; rhjdq;fisf; \$wy;
3. etPd Clfj;jpd; jd;ikfis ifahs fw;Wf; nfhLj;jy;
4. Clfq;fSf;F vOjf; fw;Wf;nfhLj;jy;
5. Clfj;jpy; Ntiy tha;g;ig cUthf;Fjy;

\$W 1:

kf;fs; njhlh;G tpsf;fk;> jfty; njhlh;gpd; tiffs;> njhlh;gpd;; \$WfSk; nray;Kiw tpsf;fq;fSk;

\$W 2:

kf;fs; njhlh;Gr; rhjd tifg;ghLfs;> fhy mbg;gilapy; tifg;ghL> fhyr; nry;thf;F mbg;gilapy; tifg;ghL> Gyg;ghL mbg;gilapy; tifg;ghL> njhopy; El;g mbg;gilapy; tifg;ghL gq;Nfw;Nghh; mbg;gilapy; tifg;ghL.

\$W 3

mr;R rhjdq;fs;: mr;Rf;fiyapd; Njhw;wk;> jkpo; ,jo;fspd; njhlf;ff;fhyk;> jw;fhyj; jkpo; ,jo;fs;> gj;jphpif mYtyf eph;thf mikg;G.

\$W 4:

kpd;dZr; rhjdq;fs;: cyf ehLfspy; thndhyp xypgug;G tuyhWk; tsr;rpAk;> thndhypf;F vOJjy;> thndhypf; Nfhl;ghLfs; ,e;jpa thndhypapd; eph;thf mikg;G.

\$W 5:

jpiug;glj;jpd; njhlf;ff; fhyk;> jw;fhyj; jpiu cyfk;> Nkiy ehLfspy; njhiyf;fhl;rp nra;jp epWtdq;fs;> njhiyf;fhl;rp nra;jp> Neh;fhzy; my;yJ Ngl;b> ,e;jpaj; njhiyf;fhl;rpapd; eph;thf mikg;G.

ghlE}y;

1. lhf;lh; v];. =Fkhh;> kf;fs; jfty; njhlh;gpay;> nrz;gfh gjpg;gfk;> nrd;id.

ghh;it E}y;fs;

1. v];.gp. vopyofd;> kf;fs; njhlh;Gf;fiy> epa+nrQ;Rhp> Gf; `T];> nrd;id - 98.
2. lhf;lh; nt. fpUl;bzrhkp> jfty; njhlh;gpay; kzpthrfh; gjpg;gfk;> nrd;id-108.

,yf;fzk; - nghUs; - mfKk; GwKk;

(Sub Code: 21 UTL 31)

gUtk;: III **jhs; : Core - 3** **Hrs: 6** **Cdt: 5**

Nehf;fk;: 5

1. mf> Gw ,yf;fzq;is epidT \$h;jy;
2. gz;ilf; fhy kf;fspd; tho;tpay; newpfis mwpjy;
3. mf tho;tpd; newpKiwfisf; fw;gpj;jy;
4. mwj;jpd; thapyhd Nghh; kuGisf; fw;gpj;jy;.
5. tho;tpay; kjpg;gPLfis cUthf;Fjy;.

ghlj;jpl;lk;

- \$W : 1** mfj;jpizapay;
- \$W : 2** fstpay;
- \$W : 3** fw;gpay;
- \$W : 4** Gwg;nghUs; ntz;ghkhiy (E}w;gh nghUs;kl;Lk;)
(ntl;rp> fue;ij> tQ;rp> fhQ;rp glyq;fs;)
- \$W : 5** nehr;rp> copiQ> Jk;ig> thif> ghlhz;

ghl E}y;fs;

1. ehw;ftpuhr ek;gpafg; nghUs;> irtrpj;jhe;jEhw;gjjpg;Gf;fofk;>nrd;id 1995.
2. ngUkiog; Gyth; jpU. ngh. Nt. NrhkRe;judhh;> Gwg;nghUs; ntz;khiy> jpUney;Ntyp njd;dpe;jpa irtrpj;jhe;j E}w;gjjpg;Gf; fofk;> nrd;id.
(Fwpg;G: nfhSit mbg;gilahff; nfhz;L tpdhf;fs; miktJ jtph;f;fg;gly; Ntz;Lk;).

ghh;it E}y;fs;

1. jpU.fh.uh. Nfhhte;juhr Kjypahh;> ehw;ftpuhr ek;gp ,aw;wpa mfg;nghUs; tpsf;fk;> fof ntspaPL> mg;gh; mr;rffk;> nrd;id.
2. Kidth; jpUQhdrk;ge;jh;> mfg;nghUs; tpsf;fk;> fjph;gjjpg;gfk;> njw;FtPjp> jpUitahW – 613204.
3. Kidth;. jpUQhdrk;ge;jk;> Gwg;nghUs; ntz;ghkhiy> fjph;gjjpg;gfk;> njw;FtPjp> jpUitahW – 613204.

,f;fhy ,yf;fpak; - II
(Sub Code: 21 UTLA 31)
ehty; - rpWfij – ciueil

gUtk; - III

jhs;: Allied

Hrs: 3

Cdt: 4

Nehf;fk; (Objective)

1. jw;fhy ftpQh;fspd; ftpij mikg;G Kiw> cl;\$Wfs;> ,yf;fpa mikg;G> nkhop mikg;G> fhyr;#oy; Nghd;wtw;iw mwpe;J nfhs;tJ.
2. gilg;gpyf;fpaq;fspd; ghLnghUs; khw;wg; Nghf;Ff;fis mwpe;J nfhs;sy;
3. ciueilapd; tbtK;> cs;slf;fg; ghq;fpid mwpe;J nfhs;sy;.
4. jw;fhy rpWfijfis vOjpAs;s Mrphpah;fisg; gw;wp mwpe;J nfhs;tJ.
5. ehty;> rpWfij> ciueilapd; Njhw;w tsh;r;rpfis khzth;fSf;F mwpKfk; nra;jy;
6. ehtypd; nghJj; jd;ikfis czh;j;Jjy;
7. rpWfijapd; gd;Kfj; jd;ikia czh;j;Jjy;
8. ciueil fl;Liu vOJtJ> jd; tuyhW vOJtJ gw;wp mwpar; nra;tJ
9. ehty; rpWfijapd; tbtg; Nghf;Ffis mwpe;J nfhs;sjy;

\$W 1 ehty; Njhw;wk; - tsh;r;rp- tuyhW

\$W 2 rpWfijj; Njhw;wk; - tsh;r;rp - tuyhW

\$W 3 kyUk; rUFk; b. nry;tuh[;

1. fijf;fs epfo;Tfs;
2. fijg;gpd;dy; - (njhlf;fk; - tsh;r;rp - cr;rk; - tPo;r;rp - KbT)
3. ghj;jpug; gilg;G
4. ghj;jpu cwTk; r%f KuZk;
5. r%f tho;tpay; - (FLk;gk;> kjk;> rhjp rhh;e;j tpoh> rlq;F kw;Wk; ek;gpf;iffs; Kjihapdtw;iw mwpKfk; nra;jy;)

\$W 4 rpWfijfs; - gj;J.
kp\pd; Afk; - GJikg;gpj;jd;> nrt;thio - rp vd; mz;zhJiu> fjT -
fp uh[ehuhazd;> md;gspg;G
F. mofphprhkp> ,uz;L Foe;ijfs; - n[afhe;jd;> kpl;lha;f;fhud;
- fP.t. n[fe;ehjd;> ehpg;gy; - nt. ,iwad;G.

\$W 5 Gjpa ciueil -

ciueilapd; nghJ tbtK; - ciueilapd; mzpeyd;fs; - ghujpf;Fg; Kd;> gpd; jkpo; ciueil mwpKfk; - tsUk; trdeil - ghujp - fy;fp uh. fpU\;z%h;j;jp - GJikg;gpj;jd; - gpr;r%h;j;jp - yh. rh. uh.Tk; nkspdAk; - n[afhe;jd; - R[hjh

ghlE}y;:

1. fhh;j;jpNfR rptj;jk;gp ehty; Njhw;wKk; tsh;r;rpAk;.
2. fhh;j;jpNfR rptj;jk;gp> rpWfij Njhw;wKk; tsh;r;rpAk;.
3. b. nry;tuh[;> kyUk; rUFk;> epa+ nrQ;Rhp Gf; `T];> mk;gj;J}h;> nrd;id. 98> Kjw; gjpg;G Vg;uy; 2011.
4. rpWfijfs; 10> ghit gphpz;lh;]; ypkpnll;> uhag;Ngl;il> nrd;id 14> Kjy; gjpg;G [Pd; 2019.
5. lhf;lh; kh. uhkypq;fk;> Gjpa ciueil gz;Gk; gaDk;> jkpo;g; Gj;jfhyak;> jpUty;ypf;Nfzp nrd;id 05. Kjy; gjpg;G [dthp 1978.
6. ty;ypf;fz;zd;> ghujpf;Fg; gpd; jkpo; ciueil> kzpthrfh; E}yfk; rpjk;guk; Kjy; gjpg;G khh;r; 1981.

ghh;it E}y;fs;:

1. eh. th. thdkhkiy ,f;fhy ,yf;fpak; ,uh. fhkuhR (gjpg;G) epA nrQ;Rhp Gf; `T];> nrd;id – 98.
2. lhf;lh; Kj;Jr; rz;Kfk;> jkpo; ,yf;fpa Nfhl;ghLfs;> epA nrQ;Rhp Gf; `T]; nrd;id – 98 Kjy; gjpg;G – 2014.
3. fyhepjp f. ifyhrjgp> jkpo; ehty; ,yf;fpak; (jpwdha;Tf; fl;Liufs;) Fkud; gg;sp]p\H]; nrd;id – 26 Kjy; gjpg;G 1968.

,jopay;

(Sub Code: 21USB32)

gUtk; : III

jhs; : SBE - 05

Hrs: 6

Cdt : 5

Nehf;fKk; gaDk; - 5

1. ,jopay; Jiwia mwpKfk; nra;jy;
2. ,jopay; mYtyfj;Jf;F Neubahff; \$l;br; nry;yy;.
3. ,jo;fspd; gy;NtW tiffis tpsf;Fjy;
4. ,jo;fSf;F vOjf; fw;Wf; nfhLj;jy;
5. ,jopay; Jiwap; Ntiy tha;g;gpidd; ngWjy;

\$W: 1 ,jopay; tpsf;fKk; ,yf;fzKk;

,jopay; mwptpay;> ,jopay; fy;tpapay;> ,jo;fspd; gzpfs; -
nghWg;Gfs; - ,jo;fspd; Nehf;fk;> ,jo;fspd; tiffSk; ,ay;GfSk;- kf;fs;
njhlh;G Kiwg;gFg;G - ,jo;fspd; gFg;G.

\$W: 2 ,jopay; Njhw;wKk; tsh;r;rpAk;

,jopay; tsh;r;rp tuyhW-nra;jpj;jhs;fspd; mbg;gilAk; Njhw;wKk;>
,e;jpa ,jopay; njhlf;ff; fhyk;-19Mk; E}w;whz;by; ,e;jpa ,jopay;-e;jpa
tpLjiy ,af;fKk; ,jo;fSk;-Rje;jpu ,e;jpahtpy; ,jo;fs;.

\$W: 3 gj;jphpf;if;rl;lq;fs;

nra;jpj;jhs; eph;thf mikg;G.

\$W: 4 nra;jp

nra;jp tpsf;fk;-nra;jpfspd; tiffs;-nra;jp %yq;fs;-nra;jp jpul;Ljy;-
nra;jp jpul;Lk; Kiwfs;-nra;jpfisg; ngWk; topKiwfs; - nra;jp epWtdq;fs;>
cyfr;nra;jp epWtdq;fs;-e;jpar; nra;jp epWtdq;fs;.

\$W: 5

gj;jphpf;if Mrphpah;> Jiz Mrphpah; flikfs;-gj;jphpf;ifj; jiyg;G-
Kfg;G-jiyaq;fk;.

Project

khjphp ,jo; jahhpj;jy; (cs; kjpg;gPl;Lj; Njh;tpy; 30 kjpg;ngz;fs;
toq;fg;gLk;)

ghlEhy;fs; - 3

1. kh.gh.FUrhkp> ,jopay; fiy> FU-Njnkhop> jpUr;nre;Jhh;
2. R.rf;jpNty;> ,jopay; kzpthrfh; gjpg;gfk;> nrd;id – 108.
3. r.<];tud;> ,jopay;> ghit gg;spNf\d;];> nrd;id - 14.

ghh;it Ehy;fs; - 3

1. v];.Fkhh;> ,jopay; EZf;fq;fs;> = nrz;gfh gjpg;gfk;
nrd;id - 17
2. m.Yhh;Jrhkp> jphp> jkpo;j;Jiw> Jha rNthpahh; fy;Yhhp>
ghisaq;Nfhl;il.
3. m.kh.rhkp> 19Mk; Ehw;whz;Lj; jkpo;; ,jo;fs;> etkzp gjpg;gfk;;>
nrd;id – 4.

,yf;fzk; - ahg;Gk; mzpAk;

(Sub Code: 21UTL41)

gUtk; : IV

jhs; : Core - 04

Hrs: 6

Cdt :5

Nehf;fk;

1. ahg;G> mzp ,yf;fzj;ij epidT \$h;jy;.
2. nra;As; cWg;Gfisg; gapw;Wtpj;jy;.
3. nra;As; kuGfis ,yf;fpaq;fspy; nghUj;jpg; ghh;j;jy;.
4. mzp ,yf;fzj;jpd; top ,yf;fpaq;fspd; rpwg;gpId czh;jy;.
5. Gjpa gilg;Gfis cUthf;Fk; jpwd; tsh;j;jy;.

\$W: 1

vOj;J – mir – rPh; - jis – mb - njhil

\$W: 2

ghTf;Fhpa mbAk; xirAk; - ghtif

\$W: 3

gh ,dq;fs; - mzpfs; (jd;ikazp> ctikazp> cUtfmzp> jPtf mzp> gpD;tUepiyazp)

\$W: 4

Ntw;Wikazp> tpghtid mzp> xl;lzp> jw;Fwpg;Ngw;w mzp> VJ mzp> El;g mzp> ,Nyr mzp> epuy;epiw mzp> Mh;tnkhop mzp> Ritazp

\$W: 5

jd;Nkk;ghl;Liu mzp> rkhapj mzp> rpNyil mzp> xg;Gikf; \$l;lzp> tpNuhj mzp> khWgL Gfo;epiy mzp> Gfohg;Gfo;r;rp mzp> tho;j;jzp> rq;fPuz mzp> ghTpf mzp

ghl Ehy;fs;

1. ahg;gUq;fyf;fhhpif> ehl;lhh; e.K.Nr. jpUj;jpa gjpg;G> fof ntspaPL nrd;id - 1972
2. jz;bayq;fhuk; it.K.Nfh. gjpg;G. Fit gjpg;gfk;> nrd;id – 1976 ,uz;lhk; gjpg;G

ghh;it E}y;fs;:

1. ahg;gUq;fyf;fhhpif %yKk; Fzrhfuh; ,aw;wpa ciuAk; e.K. Ntq;flrhkp ehl;lhuth;fs;. fof ntspaPL> irtrpj;jhe;j E}w;gjpg;gfk;> nrd;id.
2. Kidth;. F. fz;zd; mkpHjrhfuH vOjpa ahg;gUq;fyf;fhhpif %yKk; - Fzrhf;u ciuAk;> ghIt gg;spNf\d;];> nrd;id
3. Kidth;. jpUQhd rk;ge;jk;> ahg;gUq;fyf;fhhpif fjph; gjpg;gfk;> njw;FtPjp> jpUitahW.

4. Kidth; r. jpUQhd rk;ge;jk;> jz;bayq;fhuk; njspTiu fjph; gjpg;gfk;> jpUtahW.

jkpo; ,yf;fpa tuyhW

(Sub Code: 21 UTLA 41)

gUtk;: IV jhs; : Allied - 4 Hrs: 6 Cdt: 5

Nehf;fk; - 5

1. nkhopr;rpwg;gpid mwpjy;.
2. khzth;fs; tuyhw;W mbg;gilapy;; ,yf;fpaq;fis mwpar; nra;jy;
3. ,yf;fpa tbt cs;slf;fr; rpwg;ig mwpjy;
4. gilg;ghf;fj; jpwid cUthf;Fjy;
5. muRg; gzpj; Njh;Tf;F khzth;fisj; jFjpg;gLj;Jjy;

\$W : 1 Njhw;Wtha;

jkpopdj;jpd; gioik - jkpo; ,dj;jpd; ngUik - jkpo; nkhopapd;
rpwg;G - jkpo; ,yf;fpaj;jpd; Njhw;wKk; tsh;r;rpAk;

\$W : 2 rq;ffhyKk; rq;fk; kUtpa fhyKk;

rq;fk; ep;ytpa fhyk; - rq;f tuyhW - rq;fk; gw;wpa Muha;r;rp -
rq;fk; ,Ue;jw;fhd rhd;Wfs; - rq;f Ehy;fs; - rq;f fhyk; nghw;fhyk; - rq;fg;
Gyth;fs; khz;G - rq;f ,yf;fpa gz;G - gjpndz;fPo;fzf;F Ehy;fs; - ,ul;ilf;
fhg;gpaq;fs; - rpyg;gjpgfhuk; kzpNkfiy

\$W : 3 gy;yth; fhyKk; Nrho; fhyKk;

irt ,yf;fpaq;fs; - itzt ,yf;fpaq;fs; - lk;ngUk; fhg;gpaq;fs; - IQ;rpW
fhg;gpaq;fs; - gpw fhg;gpaq;fs;

\$W : 4 ehaf;fh; fhyKk; INuhg;gpah; fhyKk;

fyk;gfk; - cyh - guzp - gps;isj;jkpo; - gs;Sg;ghl;L - FwtQ;rp -
jhAkhdt; - kPdhl;rp Re;juk; gps;is - Ntjehafh;.

\$W : 5 20-Mk; Ehw;whz;L

ghujpahh; - ghujpjhrd; - ftpkzp - fz;zjhrd; - ciueil tsh;r;rp -
rpWfij> ehty; tsh;r;rp - ,irj;jkpo; tuyhW - rkaq;fspd; topj; jkpo;j;
njhz;L

ghl E}y;fs;:

1. vk;kh; . milf;fyrhkp> jkpo; ,yf;fpa tuyhW> uhrp gjpg;gfk;> 90>fNz\; efh;> Nriya+h; mQ;ry;> nrd;id 73> 34-Mk; gjpg;G 2002.

2. Gjpa Nehf;fpy; jkpo; ,yf;fpa tuyhW> Jha tsdhh; jd;dhl;rpf; fy;Yhhp> jpUr;rpuhg;gs;sp.

ghh;;it E}y;fs;

1. Kidth; ghf;fpaNkhp> tifik Nehf;fpy; jkpo; ,yf;fpa tuyhW. epa+ nrQ;Rhp Gf; `T];> nrd;id.

Rw;Wyhtpay; (Sub Code: 21 UTLE 41)

gUtk;: IV jhs;: Elect - 1 Hrs: 4 Cdt: 4

Nehf;fKk; gaDk; - 5

1. Rw;Wyh - Njhw;wk;> tsh;r;rp gw;wp mwpjy;
2. Rw;Wyhtpd; Kf;fpaj;Jtj;ij czh;jy;
3. gy;NtW Rw;Wyhj; jsq;fis mwpjy;
4. Rw;Wyhj; Jiwapy; Ntiy tha;g;gpidd; ngWjy;
5. Rw;Wyh mDgtk; ngw;W gazf; fl;Liu vOJjy;

\$W : 1 Rw;Wyh tpsf;fk; - fhyq;fs; Njhwk; Rw;Wyh- Rw;Wyh tiffs; Rw;Wyhg; gphpTfs;

\$W : 2 Rw;Wyhj; J}z;Lk; fhuzpfs; - Rw;Wyh tsh;r;rpf;fhd fhuzq;fs; - Rw;Wyhtpd; nghUshjhu Kf;fpaj;Jtk;

\$W : 3 gaz Kfth;fs; - gaz Mtzq;fs;> Rw;Wyhf; fofq;fs; ,e;jpar; Rw;Wyh ikaq;fs;

\$W : 4 Nghf;Ftuj;J thfd tsh;r;rp> Rw;Wyh Nkk;ghLk; tpsk;guKk;

\$W : 5 Rw;Wyh topfhl;b - fyhr;rhu Rw;Wyh> Rw;WyhTk; Rw;Wg;Gwr; #oYk;> fld; ml;ilfs;.

ghl E}y;

1. Mh;. rhe;jFkhhp> Rw;Wyh> rhe;jh gg;sp\h;];> nrd;id - 600014> ,uz;lhk; gjpg;G - 2002.

ghh;it E}y;fs;:

1. Kidth; <];tud;> Rw;Wyhtpay;> ghit gg;spNf\d;];> nrd;id Kjw;gjpg;G - 2006.
2. nt. fpUl;bzrhkp> Rw;Wyh tsh;r;rp> kzpthrfh; gjpg;gfk;> Kjw;gjpg;G> 1986.
3. Kidth; fkyk; rq;fh;> Rw;WyhTk;> gpw JiwfSk;> epa+ nrQ;Rhp Gf; `T];> Kjw;gjpg;G> 2008.

kf;fs; jfty; njhlh;gpay;

(Sub Code: 21 USB 41)

gUtk;: IV jhs; : SBE - 6 Hrs: 2 Cdt: 2

Nehf;fk; gaDk;

1. kf;fs; jfty; njhlh;;gpay; tuyhw;iw mwpjy;
2. etPd Clfg; ngUf;fj;ij mwpjy;
3. etPd Clfj;Jiwapy; Ntiy tha;g;G ngWjy;
4. etPd Clfj; rhjdq;fis ifahSjy;
5. Clfq;fSf;F vOJjy;

\$W : 1 jfty; njhlh;Gr; rhjdq;fs;

jfty; tpsf;fk; - mr;Rtop - ,e;jpa nkhop ,jo;fs; - ,jopay; rl;lq;fs; - nra;jp epWtdq;fs; - ehspjo; cUthFjy; - gj;jphpif newpKiwAk; mtJhWr; nra;jpfSk; - rhh;Gj; jd;ikAk; vjph;g;Gj; jd;ikAk;- jg;Gk; jtWk; - GJr; nrhy;yhf;fk; - tpsq;fh nkhop - ,d;iwa jkpo; ehspjo;fs;

\$W : 2 thndhyp

Njhw;wKk; tsh;r;rpAk; - gd;dhl;L xypgug;G> nra;jp xypgug;G> fy;tp xypgug;G> fpuhk xypgug;G> Ngr;Riufs;> thndhypAk; jd;dhl;rpAk; - thndhyp ,d;W.

\$W : 3 njhiyf;fhl;rp

Njhw;wKk; tsh;r;rpAk; - irl; (SITE) - fy;tp xspgug;G (ETV), -nra;jp xspgug;G> njhiyf;fhl;rpg; glq;fs; - njhlh;fs; (Serials) tpsk;guq;fs; -

njhiyf;fhl;rpAk; gpw jftypay; rhjdq;fSk; - tPbNah - jfty; xspg;glq;fs;
(Video Feet) - thndhyp - njhiyf;fhl;rp tsh;r;rp;ghij.

\$W : 4 jpiug;glk;

Njhw;wKk; tsh;r;rpAk; - Foe;ijah; glq;fs; - nra;jpg;glq;fs; - nra;jp
tpsf;fg;glq;fs; - jzpf;ifj; Jiw - Njrpag; glr;RUs; fhg;gfk; - Njrpa jpiug;gl
Nkk;ghl;L epWtdk; - tpUJfs; - jpiug;gl tpohf;fs;.

\$W : 5 tpsk;guk;

tpsk;gu thapy;fs; - tpsk;gu %yq;fs; - tpsk;gu tiffs; - tbtikg;Gf;
\$Wfs; jpl;lkljy; - cUthf;Fjy;> tpsk;gu cj;jpAk; tpw;gidAk; - rpwe;j
tbtikg;gpd; rpy ,yf;fzq;fs; - rpy tpjpKiwfs; epiwfSk; FiwfSk;

ghlE}y;;

1. Kidth; fp. ,uhrh. kf;fs; jfty; njhlh;gpay; mwpKfk;> ghit
gg;spNf\d;];> ,uhag;Ngl;il> nrd;id - 600 014 ,uz;lhk; gjpg;G 2006

ghh;it E}y;;fs;

1. lhf;lh; =Fkhh;> kf;fs; njhlh;gpay;> nrz;gfh gjpg;gfk;> nrd;id.
2. nt. fpUl;bzrhkp> jfty; njhlh;gpay;> kzpthrfh; gjpg;gfk;> nrd;id-108.

nkhopngah;g;Gf;fiy

(Sub Code: 21UTL52)

gUtk; : V

jhs; : Core - 5

Hrs: 5

Cdt : 4

Nehf;fKk; gaDk;

1. nkhopngah;g;G gw;wpa tpsf;fq;fis mwpe;J nfhs;Sjy;
2. nkhopngah;g;gpd; tiffis mwpe;J nfhs;Sjy;
3. jukhd gilg;Gfis nkhopngah;f;fg; gapw;rpaspj;jy;
4. gpwnkhop ,yf;fpa mwpit Nkk;gLj;j cjTjy;
5. nkhopngah;g;ghsuhf Mh;tj;ijj; J}z;Ljy;

\$W 1:nkhopngah;g;G tpsf;fk;

tiuawfs;> nkhopngah;g;gpd; nghJthd tsh;r;rp epiyfs;-jkpopy;
nkhopngah;g;gpd; Njhw;wk; tsh;r;rp tuyhW-nkhopngah;g;G tiffs;
nrhy;Yf;Fr; nrhy; ngah;j;jy;> tphpthd nkhopngah;g;G> KOikahd (my;yJ)
rhpahd nkhopngah;g;G> RUf;fk;> jOty; nkhopahf;fk;.

\$W 2:nkhopngah;g;gpd; Nehf;fq;fs;

nghJ Nehf;fk;> epWtd Nehf;fk;> jdpkdpj Nehf;fk;>
nkhopngah;g;gpd; gad;fs;> nkhopngah;g;G nfhs;iffs; Kuz;ghL jtph;j;jy;>
vspik> njspT tpsf;fq;fs;> jd;takhf;fy;> %yEhy; Mrphpah;+nkhop+%yEhy;
mwpKfk;> nkhopngah;g;G ,ay;Gfs;> nkhop ngah;g;Gk; gpwtiffSk;
(,yf;fpak;> mwptpay;> rl;lk;).

\$W 3:nkhopngah;g;Gr; rpf;fy;fs;

nghJthd rpf;fy;fs;> nrhy;Yk; nghUSk;> gonkhopfs;> kuGr;nrhw;fs;>
tof;Fr; nrhw;fs;> nghUs;Nfhs;> nghUs; nfhs;Sfpd;w epiyfs;> tpLfijfs;>
nka;g;ghL> rpNyil njhileak;> jkpo;nkhopf;Fhpa rpf;fy;fs; - cwTKiwr;
nrhw;fs;> ngah;r;nrhy;> ,ul;ilf;fpstp> mLf;Fj;njhlh;> klf;F>
Fwpg;Gg;nghUs;> MFngah;> rpj;jpuf;ftp.

\$W 4: nkhopngah;gpd; tiffs;

ey;ynkhopg;ngah;g;G> nkhopngah;g;ghsUf;fhd mbg;gilj; jFjpfs;>
nkhopngah;g;ghshpd; tiffs;> nrhy;yhf;f cj;jpfs;> xypngah;g;G> ftpij
nkhopngah;g;G> gj;jphpf;if nkhopngah;g;G> thndhyp nkhopngah;g;G>
mwptpay; nkhopngah;g;G> ,ae;jpu nkhopg;ngah;g;G> fzpg;nghwp
nkhopngah;g;G.

\$W 5: nkhopngah;g;G

gilg;gpyf;fpaq;fs; nkhopngah;g;G> Gidfij nkhopngah;g;G> ehlfq;fs;>
njd;dpe;jpa nkhopfsy; nkhopngah;g;G> ghujpapd; nkhop ngah;g;G>
Fwpg;gplj;jFe;j nkhopg;ngah;g;ghsh;fs;.

ghlE}y;fs;

1. rz;KfNtyhAjk; nkhopngah;g;gpay;> cyfj; jkpohuha;r;rp epWtdk;> jukzp> nrd;id – 600 113. ,uz;lhtJ gjpg;G 2008.
2. Kidth; <];tud;> nkhopg;ngah;g;gpay;> ghit gg;spNf\d;];> ,uhag;Ngl;il> nrd;id – 600 014. %d;whk; gjpg;G 2010.

ghh;it E}y;;

1. eh.KUNfr ghz;bad;> nkhopngah;g;gpay;> caph;vOj;J gjpg;G> jpUr;rp.

rpw;wpyf;fpak;
(Sub Code: 21UTL53)

gUtk; : V

jhs; : Core - 6

Hrs: 5

Cdt : 4

Nehf;fk;

1. rpw;wpyf;fpaq;fs; gw;wp mwpe;J nfhs;Sjy;
2. rpw;wpyf;fpa tifikfis mwpjy;
3. rpw;wpyf;fpaq;fs; thapyhf mf;fhy kf;fspd; gof;f tof;fq;fis mwpjy;
4. rpw;wpyf;fpaq;fspd; Kf;fpaj;Jtj;ij czh;jy;.

\$W 1:fypq;fj;Jg;guzp

Nga;Kiwg;ghL> fhspf;Ff; \$sp \$wpaJ> Nghh; ghbaJ> fsk; ghbaJ.

\$W: 2

kJiu kPdhl;rpak;ik gps;isj;jkpo; (,Wjp %d;;W gUtq;fs;)

\$W: 3

Kj;njhs;shapuk; (Nru Nrho> ghz;bah;fs; Kjy; 10 ghly;fs;)

\$W: 4

jpUf;Fw;whyf; FwtQ;rp 80tJ ghly; Kjy; 129 ghly;fs; tiu

\$W: 5

mofh; fps;is tpLJ}J.

ghlE}y;fs;

1. Gypa+h;Nfrpfd; (c.M)> fypq;fj;Jg;guzp> rhujh gjpg;gfk;> nrd;id – 600 014.
2. kJiu kPdhl;rpak;ik gps;isj;jkpo;> fof ntspaPL.
3. Gypa+h;f;Nfrpfd; (c.M)> Kj;njhs;shapuk;> rhujh gjpg;gfk;> nrd;id – 14.
4. Gd;idtdehj Kjypahh; (c.M)> jpUf;Fw;whyf; FwtQ;rp> irtrpj;jhe;j Ehw;gjpg;Gf; fofk;.
5. mofh; fps;is tpLJ}J> fof ntspaPL.

ghh;it E}y;

1. irt rka gps;isj;jkpo; Ehy;fs; xU jpwdha;T> lhf;lh; F.Kj;Juhrd;> tre;j nry;tp gjpg;gfk;> jh;kGhp.

2. rka ghly;fs;> fhg;gpaq;fs; rpw;wpyf;fpaq;fs; xU jpwdha;T> lhf;lh;
F.Kj;Juhrd;> tre;j nry;tp gjpg;gfk;> jh;kGhp.

rka ,yf;fpak;
(Sub Code: 21UTL54)

gUtk; : V **jhs; : Core - 7** **Hrs:5** **Cdt : 4**

Nehf;fk;

1. gy rkaq;fspd; Nfhl;ghLfis ,yf;fpaj;jpd; top mwpjy;.
2. rka ,yf;fpaj;jpd; top khzth;fspilNa kj ey;ypzf;fj;ij
cUthf;Fjy;.
3. rkanewpf;F Kuz;gl;l rpj;jh;fisg; gw;wp mwpe;J nfhs;Sjy;.

\$W: 1

rka ,yf;fpaj;jpd; Njhw;wk; tsh;r;rp.

\$W: 2

Qhdrk;ge;jh; - Kjy; jpUKiw – Kjy; gjpfk;
ehTf;furh; - ehd;fhk; jpUKiw – Kjy; gjpfk;
Re;juh; - Vohk; jpUKiw – Kjy; gjpfk;
khzpf;fthrfh; (vl;lhk;; jpUKiw) – jpUr;rjfk; (nka;Azh;jy;)

\$W: 3

Mz;lhs; ehr;rpahh; jpUnkhop – jpUkzf; fdT> FyNrfu
Mo;thh; - Cd; VW nry;tj;J vdj; njhlq;Fk; ghRuk; kl;Lk;>
nghpaho;thh; - jpUg;gy;yhz;L (mk;Gypg;gUtk;) jpUkq;if Mo;thh;
-(nghpajpUnkhop) - thbNdd; - vdj; njhlq;Fk; ghlypy;
,Ue;J 10 ghly;.

\$W: 4

rPwhg;Guhzk; EhGtj;Jf; fhz;lk; - khDf;Fg; gpiz epd;w glyk;

\$W: 5

rpj;jh; ghly;fs; (ghk;ghl;br; rpj;jh;)
nghUshir tpsf;fk; - ngz;zhir tpsf;fk;
mfg;gw;W ePf;fy; (Kjy; ,UgJ nra;Al;fs; kl;Lk;)

ghIE}y;fs;

1. Nk.ntq;fNlrd;> rkaq;fspd; jkpo;j; njhz;L> epa+nrQ;Rhp Gj;jf
epiyak;> nrd;id.

2. %th; Njthug; ghRuq;fs;
3. khzpf;fthrfh; Njthuk;
4. lhf;lh;.v];.n[fj;ul;rfd; (c.M)> ehyhapuj; jpt;;tpa gpuge;jk; ciu> Mo;thh;fs; Ma;T ikak;> ntspaPL.
5. rpj;jh; ghly;fs;> ghit gg;spNf\&d;];> ,uhag;Ngl;il> nrd;id – 600 014.
6. ckWg;Gyth;> rPwhg;Guhzk;> rPwhg;Guhz trdk;> Ehh; mfkJ> ghhp epiyak;> nrd;id

fhg;gpak;

(Sub Core : 21 UTL55)

gUtk; : V jhs; : Core - 8 Hrs: 5 Cdt : 4

Nehf;fKk; gaDk;

1. fhg;gpa ,yf;fpaq;fis mwpar; nra;jy;.
2. fhg;gpaf; \$Wfspd; top Gjpa ,yf;fpaq;fis mwpKfg;gLj;Jjy;
3. gilg;ghsh;fspd; MSikj; jpwid mwpjy;.
4. fhg;gpaq;fs; top tpOkpaq;fis fw;Wf; nfhLj;jy;.
5. gilg;ghf;fj;jpwid Nkk;gLj;Jjy;.

\$W: 1

ropyg;jpbfhuk; - Gfhh;f; fhz;lk; - fdhj;jpwk; ciuj;j fhij> kJiuf;fhz;lk; - milf;fyf;fhij KOTJk;;.

\$W: 2

kzpNkfiy – MGj;jpud; jpwk; mwptpj;j fhij> Mjpiu gpr;irapl;l fhij.

\$W: 3

rPtfre;jhkzp – g+kfs; ,yk;gfk;.
#shkzp – JwTr; RUf;fk; 2000 Kjy; 2024 tiu

\$W: 4

fk;g ,uhkhazk; - fpl;fpe;jh fhz;lk; thyp tijg;glyk; ghly; 4014 Kjy; 4069 tiu (thyp ,uhkid ,fo;jy; Kjy; thyp ,uhkdplk; tuk; Nfl;ly; tiu)

\$W: 5

ghujpahh; - Fapy; ghl;L> ghujpjhrd; - Gul;rp;ftp

ghIE}y;fs;

1. ,sq;Nfhtbfs;> rpyg;jpbfhuk;> NrhkRe;judhh; (c.M)> fofg; gjpg;G> nrd;id> 1975Mk; gjpg;G.
2. rPj;jiy; rhj;jdhh;> kzpNkfiy> NrhkRe;juk; ngh.Nt.(gjp.M)> fofg;gjpg;G> nrd;id. ,uz;lhk; gjpg;G 1970.
3. jpUj;jf;fj; Njth;> rPtfre;jhkzp> Nguh.n[.=re;jpud; (c.M)> jkpo; epiyak;> V.Mh;.Mh;.fhk;g;sf;];> 141> c];khd; rhiy> jp.efh;> nrd;id-17> Kjy; gjpg;G 1996.

4. Njhyhnhkhopj;Njth;> #shkzp> Gyth; Nekp gh];fujh]; (c.M)> ey; ywg; gjpg;gfk;> Kjw;gjpg;G 2002.
5. fk;gh;> fk;g ,uhkhazk;> fpl;fpe;jh fhz;lk;> Nguh.m.r.Qhdrk;ge;jd; (gjp.M)> fk;gd; mwepiy> 88>Nejh[p rhiy> ghg;gehaf;fd; ghisak;> Nfhit> Mf];l; 2005.
6. ghujpahh;> ghujpahh; ftpijfs;> = ,e;J gg;spNf\d;];> 2>Kj;JfpU\;zd; njU> jp.efh;> nrd;id-17> Kjw;gjpg;G – [dthp 1992.
7. ghujpjhrd;> ghujpjhrd; ftpijfs;> fq;if Gj;jfepiyak;> jp.efh;> nrd;id-17> Kjw;gjpg;G> khh;r; 1992.

ghh;it E}y;

1. rka ghly;fs;> fhg;gpaq;fs;> rpw;wpyf;fpaq;fs; - xU jpwdha;T> lhf;lh;.f. Kj;Juhrd;> tre;j nry;tp gjpg;gfk;> jh;kGhp.

mwptpay; jkpo;

(Sub Code: 18 UTLE51)

gUtk;: V jhs;: Elective - 2 Hrs: 5 Cdt: 4

Nehf;fk;: Objectives

1. fhye;NjhWk; kf;fs; gad;gLj;Jk; Gjpa fUtpfisAk; fUj;Jf;fisAk;> fy;tp Kiw khw;wq;fisAk; mwpe;J nfhs;tJ.
2. fhye;NjhWk; mwptpay; fUj;Jf;fis jkpohf;fk; nra;Ak; topKiwfis mwptJ.
3. th.nr. Foe;ijrhkpad; mwptpay; jkpo;r; nra;jpia mwpjy;.
4. ney;iy R. Kj;J \$Wk; mwptpay; jkpopd; ,d;iwa Njitia mwpjy;
5. jfty; njhopy;El;gj; jkpio mwpe;J nfhs;tJ
6. fzpdp jkpohf;fk; gw;wp Ghpe;J nfhs;tJ
7. ,izaj;jpw;F Vw;w ,dpa jkpio njhpe;Jnfhs;tJ

\$W: 1

fUtp tsh;r;rp - Ma;T tsh;r;rp - fy;tp tsh;r;rp - tpidtyp mZFkiw

\$W: 2

mwptpay; jkpohf;fk; ,d;iwa epiy - mwptpay; jkpohf;fk; nra;Ak; topKiwfs;

\$W: 3

vOj;Jr; rPuikg;G - Jiz thptbtk; - mtruj;Njit - mwptpay; jkpopy; ,d;iwa Njit

\$W: 4

jfty; El;gj; jkpo; - fzpdpj; jkpohf;fk;

\$W: 5

,izaj;jpw;F Vw;w ,dpa jkpo; - mwptpay; jkpo; fy;tp

ghlE}y;fs;

1. th.nr. Foe;ijrhkp> mwptpay; jkpo;> ghujp gjpg;gfk;> nrd;id –

17. Kjw;gjpg;G 1985.

2. ney;iy R. Kj;J> mwptpay; nrk;nkhop> kzpthrfh; E}yfk;> nrd;id

21. Kjy; gjpg;G 2004.

ghh;it E}y;fs;:-

1. jkpo; top mwptpay; fy;tp> lhf;lh; g. n[afpU\;zd;> fht;ah gjpg;gfk;

Kjy; gjpg;G 2003.

2. ney;iy R.Kj;J> mwptpay; ,yf;fpak; mUs; gjpg;gfk;> nrd;id-78

,yf;fpaj; jpwdha;T

(Sub Code: 21UTLA51)

gUtk; : V

jhs; : Allied - 3

Hrs: 5

Cdt : 5

Nehf;fKk; gaDk;

1. ,yf;fpaj;jpd; \$Wfis khzth;fs; mwpjy;
2. jpwdha;T gw;wpa gy;NtW Kiwapid mwpjy;
3. Kiwapid ,yf;fpa tifikfsy; mlf;Fjy;
4. rpWfij> ehty; kw;Wk; ftpij Mfpa ,yf;fpa tifikfisg; Nghf;if Muha;jy;
5. jpwdha;Tr; nra;J fl;Liu vOJjy;.

\$W: 1

,yf;fpaj; jpwdha;T tpsf;fk; ; - jukhd jpwdha;thsh; - jpwdha;T tiffs; - ,yf;fpaj;ij kjpg;gPL nra;Aq;fhy; vOk; rpf;fy;fs; - xU Ehypd; epiyahd tho;Tf;Fhpa fhuzq;fs; - ciuhrphpah;fs; jpwdha;thsh;fs; vd;gjw;fhd fhuzq;fs;.

\$W: 2 ,yf;fpak;

,yf;fpakhtJ ahJ? -,yf;fpaKk; tho;f;ifAk; - ,yf;fpaj; Njhw;wj;jpw;F
chpa Jbg;Gfs; - ,yf;fpag; ghFghLfs; - czh;r;rp -fw;gid - fUj;J - eil -
,yf;fpaj;jpy; ,aw;if.

\$W: 3 ftpij

ftpj tpsf;fk; - \$Wfs; - njhilfs;-ftpjAk; ahg;G tbtKk;-ftpjapd; fiy
EZf;fj;jpd; nrhy;yhl;rp-nrhy; tpsahl;L - ,d;g%l;Lk; nrhw;nwhlh;fs; -
nghJkf;fs; NgRk; Ngr;Rtof;Fk; fpuhkpar; nrhw;fSk; - gonkhops;- ctik
mzp - cUtf mzp - cs;Siw ctkk;-ftpj tiffs;-jw;rh;Gf; ftpjAk;> jw;rhuhf;
ftpjAk;-fhg;gpak; fijnghjppgh;L ehlf;gh;Lfs;.

\$W: 4 ehty;

ehty; tpsf;fk; - ehtYf;Fhpa fijAk; fijf;Nfhg;Gk; - fijf;Fhpa nghUs; -
fij khe;jh; - ,Utiff; fij khe;jh;-fij khe;jiug; gilg;jpy; rpy nghJthd Kiwfs;
- ciuahly; #oyik;G.

\$W: 5 rpWfij

,f;fhy ,yf;fpaq;fspy; rpWfij ngWk; ,lk;-tpsf;fk;-Gjpdj;jpw;Fk;
rpWfijf;Fhpa Ntw;Wik-xUik;ghL-rpWfijapd; mik;G-ciuahly; tUzid-
rpWfijf;Fhpa Fwfp;Nfhs;-]Btd;rd; fh;Lk; %d;W tifahd fijfs;.

ghlE}y;

1. R.ghyr;re;jpud;> ,yf;fpaj; jpwdha;T> nrd;id-98> Kjw;gjpg;G-
1976.

ghh;it E}y;

1. ifyhrjg> ,yf;fpaj; jpwdha;T> nrd;id.

nrk;nkhopj; jkpo;

(Sub Code: 21UTL61)

gUtk; : VI

jhs; : Core - 09

Hrs: 6

Cdt : 5

Nehf;fk;

1. jkpo;nkhopapd; njhd;ik nrk;ik tsik Kjyhdtw;iw mwpjy;
2. cyfr; nrk;nkhopfspd; ,ay;ig mwpjy;
3. jkpo; nrk;nkhopahd tuyhw;iw mwpjy;
4. nrk;nkhop ,yf;fpaq;fspd; ,ay;ig mwpjy;

gad;:

nrk;nkhopj; jFjpapidg; ngw;wpUf;fpw ,e;ehspy; mJFwpj;j jfty;fs;
KotijAk; khzth;fs; mwpjy;.

\$W: 1

nkhop ehfhpf caph;ehb – nkhopj;Njhw;wf; nfhs;iff; - nkhopAk; -
r%fKk; - nkhopapd; fl;lik;G – nkhop tiffs; - Ngr;R nkhopAk; vOj;J

nkhopAk; - fpis nkhopfs; - nkhopf; FLk;gq;fs;: ,e;jpahtpy;
nkhopf;FLk;gq;fs;.

\$W: 2

cyfr; nrk;nkhopfs;: nrk;nkhopfspd; jFjpf; - cyfr; nrk;nkhopfspd;
tuyhW – fpNuf;f nkhop - ,yj;jPd; nkhop – rPdnkhop - <g;Unkhop -
,e;jpar; nrk;nkhopfs; - rk];fpUj nkhop – ghurPf nkhop – gguhfpUjnkhop
– ghyp nkhop – muhgp nkhop.

\$W: 3

jkpopd; njhd;ikAk; rpwg;Gk; - nrk;nkhopj; jkpo;

\$W: 4

jkpo;r; nrt;tpay; ,yf;fpaq;fs; - thOk; tsh; jkpo;> jpuhtpl xg;gpay;
nkhop Ehy;> Njhw;Wtha; jpuhtplk; vd;w nghJr;nrhy; Ml;rp.

\$W: 5

jkpo;r; nrk;nkhopapd; tuyhW – nrk;nkhopj; jkpoha;T kj;jpa
epWtdj;jpd; gzpfs;> jpuhtpl nkhop thpir> jpuhtpl nkhopfs;> xNu
nkhopapd; NtWgl xypf;;Fk; jpirnkhopfs; my;y> nre;jkpo; ,yf;fpaj;jpd;
njhd;ik.

ghIE}y;fs;

1. Kidth; ng.Rak;G> nrk;nkhopj;jkpo; rpwg;Gk; tuyhWk;> ghujp
gjpg;gfk;> 113>,uh[Pt; efh;> jpirad;tpis – 627 657> Kjy;gjpg;G –
2010.
2. Gyth; fh.Nfhtpe;jd;> jpuhtpl nkhopfspd; xg;gpyf;fzk;> jpUkfs;
epiyak;> 55>ntq;fl; ehuhazh NuhL> jp.efh;> nrd;id 600 017.

ghh;it E}y;fs;

1. ,uh. eluhrd;> nrk;nkhopfs;>];Nefh gjpg;gfk;>
2. lhf;lh; R. rf;jpNty;> jkpo;nkhop tuyhW> kzpthrfh;- gjpg;gfk;> nrd;id.
3. lhf;lh; fp [hd; rhKNty;> jpuhtpl nkhopfspd; xg;gha;T>
Ky;iy epiyak;> nrd;id.

mw,yf;fpak;

(Sub Code: 21UTL62)

gUtk; : VI

jhs; : Core - 10

Hrs: 6

Cdt : 5

Nehf;fKk; gaDk;

1. mw ,yf;fpaq;fis mwpKfk; nra;jy;
2. mwk;> ePjpapd; mtrpaj;ij typAWj;Jjy;
3. khzth;fis mw ,yf;fpaq;fs; top xOf;frPyh;fshf cUthf;Fjy;.

\$W: 1

jpUf;Fws; - md;Gilik> Cf;fk; cilik> jif mzq;F cWj;jy; - Fwpg;G mwpjy;.

\$W: 2

ehybahh; - ahf;if epiyahik – fy;tp – khdk; - fhkWhjypay;

\$W: 3

,dpait ehw;gJ 40 ghly;fs;

\$W: 4

FkuFUguh; - ePjpnewp tpsf;fk; 1 Kjy; 40 nra;As; kl;Lk;

\$W: 5

xsitahh; Mj;jpr;#b – ghujpahh; - Gjpa Mj;jpr;#b

ghlE}y;fs;

1. gjpndz;fPo;f;fzf;F Ehy;fs;;>%yKk; njspTiuAk; th;j;jkhdd; gjpg;gfk;> 40 rNuh[pdp njU> nrd;id – 17.
2. rpw;gp ghyRg;gpukzpad; (c.M)> jpUf;Fws;> epa+ nrQ;Rhp Gf; `T];> nrd;id – 600 098.
3. FkuFUguh;> ePjpnewp tpsf;fk; njspTiu
4. xsitahh;> ghujpahh;> Mj;jpr;#bfs;

ghh;it E}y;fs;

1. jpUf;Fws; - lhf;lh; r. nka;ag;gd; - kzpthrfh; gjpg;gfk;> nrd;id.
2. ehybahh; - lhf;lh; r. nka;ag;gd; - kzpthrfh; gjpg;gfk;> nrd;id.
3. ehdhw;gJ %yKk; ciuAk; - e.K. Ntq;flrhkp ehl;lhuth;fs; g+k;Gfhh; gjpg;gfk; - nrd;id.
4. ePjpnewp tpsf;fk; %yKk; ciuAk; - lhf;lh; fjph; KUF rhujh gjpg;gfk;> nrd;id.
5. Mj;jp#b %yKk; ciuAk; - rhujh gjpg;gfk;> nrd;id.

rq;f ,yf;fpak;

(Sub Code: 21UTL63)

gUtk; : VI

jhs; : Core - 11

Hrs: 6

Cdt : 5

Nehf;fKk; gaDk;

1. rq;f ,yf;fpa Ehy;fspd; top kdpj rKjhaj;jpd; ehfhpf;g; gpujppgypg;ig mwpjy;.

2. rkak; rhuh ,yf;fpaq;fshd rq;f ,yf;fpaq;fspd; cwTfs;> xOf;fyhWfs;> mwnewpfig; gbj;Jzh;jy;.
3. ,sq;fiyg; gapYNthh; goikahd rq;f ,yf;fpaj;ijg; gw;wpa mbg;gil mwpitg; ngWtJk; rq;f ,yf;fpaj;jpd; rpwg;Gfis Ef;h;tJk; Nehf;fkhFk;.
4. jkpoh;fspd; tho;tpay; kjpg;gPLfig; ghly; top mwpjy;.

\$W: 1

mfehDhW kzpkpilgtsk; - kUjj;jpizg;ghly;fs; (126> 136> 146> 156> 166> 176> 186> 196> 206> 216> 226> 236> 246> 256> 266)

\$W: 2

FWe;njhif 20 ghly;fs;

jityp \$w;W (4> 20> 24> 28> 41> 43> 46> 64> 86> 102)

Njhop\$w;W (10> 16> 34> 53> 59> 66> 114> 127> 135> 143)

\$W: 3

ew;wpiz mk;%tzh; ghly;fs; - 7

gh.Eh.1: (35> 76> 138> 275> 307> 315> 327) FwpQ;rpg;ghl;L (KOtJk;)

gh.Eh.2: Kidth; jkpoz;zy; - rq;f ,yf;fpak; FWe;njhif> NfhtpYhh; klhyak;> nrd;id.

gh.Eh.3: Gypa+h;f;Nfrpfd; - mfehDhW kzpapel gtsk; %Ok; ciuAk;> rhujh gjpg;gfk;> nrd;id.

gh.Eh.4: ehuhazrhkp lah;> ew;wpiz ehDhW> %yKk; cuAk;>jpUney;Ntyp> njd;dpe;jpa irtk; ,j;jhuj; Ehw;gjpg;Gf; fofk; ypl; . nrd;id.

\$W: 4

GwehDhW ngz;ghw;ftpQh;fspd; 20 ghly;fs;

(66> 83> 84>85> 86> 87> 101> 112> 126> 157> 174> 187> 206> 231> 232> 235> 246> 252> 277> 279)

\$W: 5

rpWghzhw;Wg;gil KOtJk;

ghlE}y;fs;

1. Kidth; ,uh.n[aghy; (ciu.M) rq;f ,yf;fpak; mfehDhW> epa+ nrQ;Rhp Gf;`T]; (gp) ypl;> nrd;id – 600 098 Kjy; gjpg;G 2004.

2. Kidth; tp.ehfuh[d; (ciu.M) rq;f ,yf;fpak; FWe;njhif> epa+ nrQ;Rhp Gf;`T]; (gp) ypl;> nrd;id Kjy;gjpg;G 2004.

3. Kidth; F.nt.ghyRg;gpukzpak; (ciu.M) rq;f ,yf;fpak; ew;wpiz> epa+ nrQ;Rhp Gf;`T]; (gp) ypl;> nrd;id> Kjy;gjpg;G 2004.

4. Kidth;; R.kh.ghpksk; (gjpg;G.M) rq;f ,yf;fpak; GwehDhW epa+ nrQ;Rhp Gf;`T]; (gp) ypl;> nrd;id.

5. Kidth; ,uh.Nkhfd; (ciu.M)> rq;f ,yf;fpak; gj;Jg;ghl;L> epa+ nrQ;Rhp Gf;`T]; (gp) ypl;> nrd;id.

ghh;it E}y;fs;

1. Jiurhkp; gps;is (ciu.M) – GwehDhW – jpUney;Ntyp> njd;dpe;jpa irt rpj;jhe;j E}w;gjpg;Gf;fofk;> nrd;id.

fpwpj;jt ,yf;fpak;

(Sub Code: 21UTL64)

gUtk; : VI

jhs; : Core - 12

Hrs: 6

Cdt : 5

Nehf;fKk; gaDk; - 5

1. fpwpj;jt ,yf;fpaq;fis mwpar; nra;jy;.
2. fpwpj;jth;fs; jkpOf;F Mw;wpa gzpapid mwpjy;
3. fpwpj;jt fUj;jpay; jkpo; ,yf;fpa tifikfsy; Gidag;gl;Ls;sij mwpjy;.
4. ehty; top fpwpj;Jt kjpg;gPLfis Muha;jy;.
5. rpWfijfs; top jypj; kf;fspd; tho;tpay; #oiy mwpe;J Gjpa topfis cUthf;Fjy;.

\$W: 1

fpwpj;jt njhz;lh;fspd; jkpo;g;gzp
Nky;ehl;lhh; - tPukhKdpth;> fhy;Lnty;> [p.A.Nghg;> ,Nudpa];
jkpo;ehl;lhh; - Ntjehafk;gps;is> vr;.V.fpUl;bzgps;is> Ntjehaf
rh];jphpahh;.

\$W: 2

Njk;ghtzp fhg;gpaj;jpy; fPo;f;fhZk; jiyg;Gfs;
1)Mrphpah;; tho;tpay;> 2)Njk;ghtzpAk; Kjy; EhYk;> 3)fhg;gpaf;
\$Wfs;> 4)fij khe;jh;.

\$W: 3

jpUf;fhtY}h; fyk;gfk; (Kjy; 35 ghly;fs;)

\$W: 4

vg;gbAk; (ehty;)
fijf;fsKk; ghj;jpu cwTfSk;> fpwpj;jt tho;Tk; tpLjiy; NjLYk;.

\$W: 5

MNtrk; (rpWfijj; njhFg;G)

ghl E}y;fs; - 3

1. Kidth; gh.tsduR> Njk;ghtzpj; jpwd;> fjputd; gjpg;gfk;> 1-m>
ney;iy ehadhh; njU> ghisag;Nfhl;il.
2. tPukhKdpth;> jpUf;fhtYhh; fyk;gfk;> NtjEhy;fs; ,yf;fpa kd;wk;>
j.ng.vz;.3> Fle;ij.
3. khw;F> fofk; ntspaPl;lfk;> 1/7 mg;ghT njU> vy;yP]; rhiy> nrd;id-2

ghh;it E}y; - 3

1. Kidth; m. Yhh;Jrhkp> Nr.r.> tPukhKdpthpd; ,yf;fpag; g+Q;Nrhiy.

mUs;Mde;jh; ntspaPl;Lf;fofk;> mUs;Mde;jh; fy;Yhhp (jd;dhl;rp)
fUkhj;Jhh; - 627514> kJiu khtl;lk;.

ehl;Lg;Gwtpay;

(Sub Code: 21UTLE61)

gUtk;;: VI jhs;; Elective - 4 Sub Code: 15 Hrs: 6 Cdt:6

Nehf;fKk; gaDk; - 5

1. ehl;Lg;Gwtpay; mwpjy;
2. ehl;Lg;Gwf; fiyfis fw;f Mh;tk; nra;jy;
3. ehl;lhh; ghh;it Ghpe;J nfhs;Sjy;
4. ehl;lhh; ghly; mwpjy;
5. gonkhop> tpLfijfis mwpjy;

\$W: 1 ehl;Lg;Gwtpay; mwpKfk;
ehl;Lg;Gwtpay; tpsf;fk; - Nfhl;ghL – ehl;Lg;Gwg;ghly;fs;

\$W: 2 ehl;Lg;Gwtpay; fiyfSk; gz;ghLk;
ehl;Lg;Gwf; fijfs; - ehl;Lg;Gwf;fijg; ghly;fs; - ehl;Lg;Gw
ek;gpf;iffs;.

\$W: 3 ehl;Lg;Gw ,yf;fpak;
ehl;Lg;Gwj; nja;tq;fs; - topg;ghL;L Kiwfs; - rpWnja;t ngUe;nja;t
topghLfs; - ehl;Lg;Gwj; jpUtpohf;fs; - tUlhe;jpu tpohf;fs; - Nfhpty;
tpohf;fs;

\$W: 4 ehl;lhh; ghly;fs;
ehl;Lg;Gw tpisahl;L – ghFghL – rpWth;> rpWkpah;> Mlth;> kfsph;
- gonkhopfs; - tifg;ghL – gonkhopAk; tpLfijAk; - Ntw;Wikfs; -
gonkhopapd; jd;ik – mikg;G tpLfij NtWghLfs; - Guhzf;fijfs; - tpsf;fk; -
Gijzf;fij Ma;T – jkpo;g; Guhzf;fij tiffs;.

\$W: 5 gonkhopfSk; tpLfijfSk;
ehl;Lg;Gw kUj;Jtk; - ke;jpu rka kUj;Jtk; - ,aw;if ehl;Lg;Gw
kUj;Jtk; - fpwpj;jt kPdth; ehl;Lg;Gw kUj;Jtk; - ehl;Lg;Gwf; fiyfSk;
iftpidg;ngul;fSk;

ghlE}y;

1. R. rf;jpNty;> ehl;Lg;Gw ,ay; Ma;T> kzpthrfh; gjpg;gfk;> nrd;id
- 108

ghh;it E}y;fs;

1. Kidth; K.,sq;Nfhthd;> ehl;Lg;Gwtpay;> tay;ntspg; gjpg;gfk;> fq;if nfhz;l NrhoGuk;> nguk;gY}h; khtl;lk;.
2. Nj.Yhh;J> ehl;lhh; toq;fhw;wpay; rpy mbg;gilfs;> ehl;lhh; tof;fhw;wpay; Ma;T ikak;> ghisag;Nfhl;il.

ehlff;fiy

gUtk;;: I

ECC:1

Nehf;fKk; gaDk;

1. ehlfk; vOJk; Kiwiaf; fw;Wf; nfhLj;jy;
2. ehlfk; ebj;jy; gapw;rpiag; ngWjy;
3. Nkil mikg;G Kiwia mwpjy;
4. xg;gid> myq;fhu EZf;fq;fisf; fw;wy;
5. trd cr;rhp;G> vOj;Jg;gapw;rp mspj;jy;

\$W : 1

jkpo;ehlf mwpKfk; - ehlf kjpg;gPLfs; - fijf;fUj;J - fUf;fij - Nkhjy; - Kd;Ndhb fij - Jiz Nkhjy;fis mikj;jy;

\$W : 2

ehlfj;ij - fijfs; tiuaiw - ebfh; tiuaiw - Njhoh; - gaNdhf;fg; ghj;jpuk; - gjpyp - Mrphpah; Fuy; - kjpg;gPL jUNthh; - epfo;r;rp tiuaiw - tuT nryT tiuaiw

\$W : 3

fhl;rpgphpj;jy; - ghh;itahsNuhL neUf;fk; - Kuz;fs; mikj;jy; - GJik - mofpay; kjpg;gPLfs; - Gjph; cUthf;fy; - Nkhjy;fs; - tpWtpWg;G \$l;ly; Fiwj;jy;

\$W : 4

ehlfj;jpd; Kjy; gbtk; ,Wjpg; gbtj;ij tbtikj;jy; - FO mikj;jy; - rhp;G - trdk; vOJjy; Nghd;wit.

\$W : 5

ehlf; ghzpf; - ajhh;j;jg; ghzpf; - Nghyp ajhh;j;jg; ghzpf; - tpNdhj ghzpf; eph;thftpay; rhh;e;j epiyfs; - KbTiu.

ghlE}y;fs;

1. gul;il> ebf;f ehlfk; vOJtJ vg;gb? - itfiwg; gjpg;gfk;> ng];fpefh;> jpz;Lf;fy; - 4> 1998

ghh;it E}y;fs;

K. uhkrhkp> ehlfk; New;W ,d;W ehis> Uj;uh gjpg;gfk;> jQ;rht+h;.

ngz;zpak;

gUtk;;: II

ECC:2

Nehf;fk;:

1. ngz;zpak; Njhd;wf; fhuzk; gw;wp mwpjy;
2. ,e;jpahtpy; ngz;zpaj;jpd; Njhw;wk; tsh;r;rp gw;wp mwpjy;
3. ngz;fSf;fhd rl;lq;fs; gw;wp mwpjy;

\$W : 1 ngz;zpak; tpsf;fk;

\$W : 2 ngz;zpak; Njhd;wf; fhuzq;fs; - ngz;fSf;F thf;Fhpik - ngz;zpaj;jpd; Njf;f epiy

\$W : 3 Nkiy ehLfspy; ngz;zpaj;jpd; Njhw;wKk; tsh;r;rpAk; - ngz; tpLjiy ,af;fk; - ngz;zpaj;jpd; tsh;r;rp - ngz;zpaf; Nfhl;ghLfs; - goikthjf; FLk;gk; rhh;e;j ngz;zpak;.

\$W : 4 ,e;jpahtpy; ngz;zpaj;jpd; Njhw;wKk; tsh;r;rpAk; - ,e;jpag; ngz;zpak; mwpKfk; - ,e;jpag; ngz;fspd; r%f epiy (1947-k;Mz;L tiu) - Kd; Kaw;rpfSk; r%f khw;wq;fSk;.

\$W : 5 ngz;fSk; rl;lq;fSk; - ngz;fs; Kd;Ndw;wj;jpy; murpd;
nfhs;iffs; - kfsph; jw;rh;G mikg;Gfs;.

ghIE}y; : Kidth; r. Kj;Jr;rpjk;guk;>

ngz;zpak; Njhw;wKk;> tsh;r;rpAk;> Kj;Jg; gjpg;gfk;>
jpUney;Ntyp - 627 002.

Ngr;Rf;fiy

gUtk;;: III

ECC:3

Fwpf;Nfhs;:

khztpfs; mitapYk; muq;fq;fspYk; jpwikahf Ngr fw;gpj;jy;.

\$W : 1 Ngr;R xU rpwe;j fiy

\$W : 2 Nkilg; Ngr;R tiffs;

\$W : 3 Ngr;rhshpd; jFjpf;

\$W : 4 Ngr;rp; njhlf;fk;

\$W : 5 rpwe;j nrhw;nghothpd; gz;Gfs;.

ghIE}y; : Ngr;Rf;fiy

lh;lh;. k. jpUkiy

ka+uh tshfk;> 48> jhdg;g Kjyp njU> kPdhl;rp Gj;jf
epiyak;> kJiu. nrg;lk;gh; - 2010.

gilg;gpyf;fpak; nkhopngah;g;Gk;

gUtk;:: IV

ECC:4

Nehf;fk;: 5

1. jkpo; ,yf;fpa tuyhw;iwg; Ghpe;J nfhs;sy;
2. kuG ftpijapy; gapw;rp mspj;jy;
3. rpWfij gilg;ghf;fk; nra;jy;
4. nkhop ngah;g;G jd;ikfis tpsf;Fjy;
5. gilj;jij Gj;jfkhf cUthf;Fjy;

\$W: 1

,yf;fpak; Xh; mwpKfk; - fhye;NjhWk; ,yf;fpa tbtck;.

\$W: 2

kuGf;ftpij – mir – rPh; - jis – mb - njhil – Nkhid – vJif – ctik – ghLnghUs; - gilg;gtDk; gbg;gtDk; - GJf;ftpij – GJf;ftpijapd; ,d;iwa epiy – jdpj;jd;ik.

\$W: 3

rpWfij gilg;ghsd; - rpWfijf;\$Wfs; - rpWfij njhlf;fk; - ,ilepiy – KbT – fij khe;jh; - ciuahly; - tUzid – nkhopeil – rpWfij vOJtJ vg;gb?

\$W: 4

v];.uhkfpU\;zdpd; muthd; (muthd; cUSk; ghiwfs; cjph;f;fhyk; cw;WNeHF;F kuztPl;by; Fwpg;G) etPd ehlf cj;jpfs; - ghj;jpug; gz;Gfs; - ehlfj;jpd; njhlf;fk; - KbT – ikaf;fUj;J.

\$W: 5

nkhopngah;g;gpd; tiuaiw – nkhopngah;g;gpd; Nehf;fk; - nkhopngah;g;gpd; gad; nkhopngah;g;gpd; gpw tiffs;.

ghlE}y;fs; - 5

1. jkpo; ,yf;fpa tuyhW> jkpo;j;Jiw> Jha tsdhh; fy;Yhhp.
2. R.ghyre;jpud;> ,yf;fpaj; jpwdha;T
3. f.gpughfh;> gilg;gpyf;fpak; Nkhfd; gjpg;gfk;> jpUty;ypf;Nfzp> nrd;id – 5.
4. v];.uhkfpU\;zd; muthd; caph;ik gjpg;gfk;> nrd;id.
5. rz;KfNtyhAjk;> nkhopngah;g;gpay;> cyfj; jkpohuha;r;rp epWtdk;> nrd;id.

ghh;it E}y;fs; - 4

1. muq;f Rg;igah> ,yf;fpaj; jpwdha;T ,jo;fs; nfhs;iffs;> ghit gphpz;lh;]; (gp) ypl;> nrd;id – 14.
2. ty;ypf;fz;zd;> GJf;ftpijapd; Njhw;wKk; tsh;r;rpAk;> mfuk;> jQ;rht+h; - 7.
3. ng.Nfh.Re;juuh[d; (rpl;b)> Nrh.rptghj Re;juk;> jkpopy; rpWfij tuyhWk; tsh;r;rpAk;> ghhp epiyak;> nrd;id – 108.
4. KUNfr ghz;bad;> nkhopngah;g;gpay;> caph; vOj;J gjpg;gfk;> jpUr;rp – 1.

jkpof tuyhWk;; jkpoh; gz;ghLk;

gUtk;;: V

ECC:5

Nehf;fk;

1. jkpofj;jpd; tuyhw;iw mwpjy;
2. jkpohpd; gz;ghl;bid mwpjy;

\$W: 1 tuyhW gw;wpa nghJg;ghh;itAk;> tuyhw;Wf;F Kw;gl;l fhyKk;
jkpof tuyhw;iw mwpa cjTk; mbg;gilr; rhd;Wfs;> jkpofj;jpd; ,aw;if mikg;G tuyhw;Wld; nfhz;l njhlh;G> rpe;JntspAk; Fkhp;f; fz;lKk; jkpo;g;

gz;ghLld; nfhz;l njhlh;G> jkpofk; may;ehl;Lld; nfhz;l tzpf gz;ghl;Lj; njhlh;Gfs;.

\$W: 2 rq;ffhyk;

rq;ffhy murh;fs;> rq;ffhy murpay; epiy> rq;ffhyr; rKjha epiy – tho;f;if newp> kfsph;epiy> nghUshjhu epiy> czTk; tpUe;Njhk;gy; gz;Gk;> rq;ffhyf; fiyfs;.

\$W: 3 fsg;gpuh; gy;yth;fhyk;

fsg;gpuh; tUifAk; ,Uz;lfhyj; jkpofKk;> gy;ytg; Nguurh;fs;> gy;yth;fs; fiyf;Fr; nra;j njhz;L> jpUg;Gwk;gag; NghUk; Nrhog; Nguurpd; Njhw;wKk;> Nrhog; Nguurh;fs;> Nrhhohpd; tPo;r;rp Nrhhoh; Cuhl;rp> Nrhhoh; fhy murpay; epiy.

\$W: 4 ghz;bah; - ehaf;fh; fhyk;

gpw;fhyg;ghz;bah; vOr;rp> khypf;fg+h; gilnaLg;Gk; ghz;bah; tPo;r;rpAk;> jkpofj;jpy; K];yPk; Mjpf;fk;> tp[aeufj;jpd; Njhw;wKk; ,e;j rkag; Gj;Japh;g;Gk;> ehaf;f kd;dh;fs;> ghisag;gl;L Ml;rpKiwAk; ehaf;fh; fhy murpay; epiyAk;> jkpofj;jpy; kuhl;bah; Ml;rp.

\$W: 5 INuhg;gpah; fhyKk; ,f;fhyKk;

Mq;fpNyah; Ml;rpapd; tpisTfs;> ,e;jpa tpLjiyg; Nghhpy; jkpofj;jpd; gq;F> tpLjiyf;Fg;gpd; jkpofk; ngw;Ws;s tsh;r;rp epiyfs;.

ghlE}y;

1. jkpof tuyhWk; jkpoh; gz;ghLk; - lhf;lh; M.,uhkfpU\;zd;
2. rh;Nthja ,yf;fpag; gz;iz> kJiu.

ghh;it E}y;

1. jkpof tuyhWk; jkpoh; gz;ghLk; - lhf;lh; Ntjpr; nry;tk;
2. jkpof tuyhW – lhf;lh; m.NjtNdrd;> NuZ gg;spf;Nf\;d;> Fkhpkhlt;l;.

ftpd; fiyfs;

gUtk;;: VI

ECC:6

gUtk; : 6

\$W: 1 fiyfs; - tpsf;fk; - ftpd; fiyfs; vd;why; vd;d? - fiy
tsh;j;j ghzh;> tpwyp> Gyth;fs; - Gutyh;fs;

\$W: 2 fl;llf; fiy> rpw;gf; fiy

\$W: 3 Xtpaf;fiy> ,irf;fiy

\$W: 4 \$j;Jf;fiy

\$W: 5 fhtpaf;fiy

ghh;it E}y;

1. Ez;fiyfs; - kapiy> rPdp> Ntq;flrhkp
2. moFf; fiyj;jpwd; - nr. itj;jpaypq;fk;

rhd;wpjo;; gbg;G jkpo; fw;gpf;Fk; Kiw

Nehf;fKk; gaDk;

1. jkpohrphpah;fs; jkpo; fw;gpf;Fk; Kiwia mwptpj;jy;
2. ,sq;fiy gl;lg;gbg;G Kbe;jgpd; fy;tpapay; fy;tp gapyNth Mrphpah; gapw;rpapy; NruNth ,e;jg; ghlj;jpl;lk; cjtp nra;Ak;.
3. nghJj;jkpo; - rpwg;Gj;jkpo; fw;gpf;Fk; ghlEl;gq;fis fw;wYk; fw;gpj;jYk;.
4. kuG top nra;As; ,aw;wf; fw;gpj;jy;

\$W: 1 jkpo; nkhopiaf; fw;gpf;Fk; Nehf;fq;fs;

kdjpy; cs;stw;iw ntspalJy; - ,yf;fpa eaq;fz;L ,d;Gwy; - fw;gid Mw;wiyAk; KUFzh;r;rpiaAk; tsh;j;jy; - r%f ,aiyAk; gz;ghl;ilAk; mwpAk; jpwTNfhy; tho;f;if tsg;gLj;jp ePjpiag; Gfl;Ljy;.

\$W: 2 fw;gpj;jypd; mbg;gil trjpf;

Cf;Ftpj;jy; - nray; %yk; fw;wy; - jkpo; fw;gpf;Fk; Kiw – fw;gdtw;iw tho;f;ifAld; ,izj;Jf; fh;l;ly; - fw;wypy; mf;fiwia cz;;lhf;f kOq;fhd gbfs; - topfhl;Lk; cz;ikfs;.

\$W: 3 fw;gpf;Fk; Kiwfs;

gioa Kiwfs; - gioa Kiwfspd; Fiwfs; - Gjpa Kiwfs; - tpiahl;L Kiw – nray; jpl;lKiw – thh;jh fy;tpKiw – ebg;G Kiw – jdpj;gapw;rp Kiw – lhy;ld; jpl;lk; - khz;b]hhp Kiw – Nkw;ghh;it gbg;G – fz;lwpKiw.

\$W: 4 nkhopj;jpwd;fSk; JiwfSk;

tha;nkhopg; gapw;rpapd; Nehf;fk; - nkhopg gapw;rpapd; ,d;wpaikahik – nkhopg; gapw;rpapd; tiffs; ,yf;fzj;jpd; ,d;wpaikahik - ,yf;fzj;jpd; Nehf;fq;fs; - gapw;WKiw.

\$W: 5 Mrphpahpd; Ntiyj;jpl;lq;fs;

jpl;lkljypd; ,d;wpaikahik – khzth; fw;f Ntz;ba nkhopfs; - jkpo;g; ghlj;jpl;lq;fs; - jkpohrphpahpd; Ntiyj; jpl;lq;fs; khjphpg; ghlf;Fwpg;GfSk; ed;ikfSk; - ghlf;Fwpg;gpjdg; gad;gLj;Jk; Kiw.

ghlE}y;fs;

1. Nguh.e.Rg;Gnul;bah; - jkpo; gapw;Wk; Kiw – nka;ag;gd;; jkpo; Ma;tfk;
2. Nt.fiy;rny;tp 2007 fy;tpapay; j.f.K.rQ;rPt; ntspaPL><NuhL.
3. ew;wkpo; f.K.tp.fzgj 2010> rhe;jh gjpg;gfk;.

ghh;it E}y;fs;

1. jz;lghzp 2012 jkpo; fw;gpj;jy; - nghJj;jkpo; kPdh gjpg;gfk;> kJiu.

2. Nfh.nghpaz;zd; jkpo; nkhop fw;gpj;jypy; Gjpa mZFKiwfs;> tdpjh
gjpg;gfk;. nrd;id.
3. jkpo;nkhop fw;gpj;jy;> F.muq;frhkp> khyh gjpg;gfk;> kJiu.