



## 2. ehafffu; fhyr; rpwgqfspy; El gqfs; ahi t?

- ehafffu; fhyr; rpwgqfspy; Mi l Mguz qfs; fi y eaj ;Jl d; fhz ggLk;
- ehafffu; fhyr; rpwgqf; s> fi y El gj j pd; c rrepi y gi l gG vd\W \$wyhk;
- tpo\Nahl ;l k> GUT nes\T> ef mi kgG vd kpf kpf El gkhff; fi yeaj ;Jl d; mi t gi l f;fggl ;Lssd.

### ghl k; 2 : , uhtz fhtpak;

#### E}yntsp:

, uhkhaz j j py; vj ppepi y khej uhfg; gi l f;fggl ;l , uhtz i d Kj di k ehafd hff; nfhz ;L mi k f;fggl ;J. , uhtz fhtpak; , Ugj hk; E}wwhz by; Nj hdwpa j d j j kpogngUq;fhggpak; , uhtz fhtpak; , eE}y; 1946 – Mk; Mz ;L , awwp ntspapl ggl ;J.

, eE}y> j kpf fhz ;l k> , yqi ff; fhz ;l k> tpej f;fhz ;l k> go\Gup fhz ;l k; vd;Dk; l eJ fhz ;l qfi s ci laJ. , eE}y; 57 gl yqfs; c ssd. 3100 ghl yfs; c ssd.

, eE}y; j kpoj; Nj rpa c au;Tf; fhggpak; vd;Wk; mi of;fggl ;J , eE}y;py> j kpo; c au;Tk> j kpou; c au;Tk; fhl ;l ggLf;pwJ.

#### Mrpau; FwpgG :

- ◆ , uhtz fhtpak; , awwpatu; Gytu; Foei j Mthu; [ l y 1-Mk; ehs; 1906 Mk; Mz ;L <NuhL mUNf “xytyR” vd;Dk; rpw\W}upy; gpwe; hu;
- ◆ ngw\Nwhu; Kj ;J rhkpf; fTz ;l u> rpd;dk; k
- ◆ j ei j ngupahu; k\J kupahi j Ak; gw\Wk; nfhz ;l tu; ngupahupd; Ntz ;LNfhS f;F , z qf 25 ehspy; j p\Uf;FwS f;F ci u vOj pdhu;
- ◆ ahggj pfhuk> nj hi l aj pfhuk; - c sspl ;l KggJ f;Fk; Nkwgl ;l , yffz > , yffpa E}yfi sg; gi l j ;J sshu;
- ◆ Foei j mtufs; “Ntshz ” vd;w khj , j i o el j j pdhu; , tu; nrgl kgu; 22 k; ehs; 1972y; , t;Tyf thoi t e\j j hu;

#### ghl ggFj p gFj p :

j kpo;ff; fhz ;l j j pYss l ti f epyqfspd; fhl rpf; sf; \$Wk; gj ;J gghl yfs; ek; ghl g; gFj pahf , l k; ngw\Wssd.

## FWtph

1. , bFuy> ngUqfl y; - , yffz f; FwpgGj ; j Uf

, bFuy; - c ti kj nj hi f  
ngUqfl y; - gz Gj nj hi f

2. ghi y epyj j py; gUeJ fs; gweJ j d; fhuz k; vdd?

kuhkyufi s khi yahf mz pej rpWtuFs> vUj pd; nfhkGfi sgNghy;  
, Uej ghi yffhi a epyj j py; tpoEJ ntbfFkhW Nfhypdhy; mbj j du;  
mtNthi ri af; Nfl i gUeJ fs; mrrj ;J l d; gweJ xbd.

“ntbfftpl L Mbl tpUkgrf; Nfhypdhy;  
mbfFk; Xi rapd; gUeJ mQrp XLNk”

## rpWtph

1. , uhtz fhtpaj j py; , lk; ngwWss , uz L c ti kfi s vLj ;J f; fhL Lf  
FdW Nghy:

Kyi y epyj j tuFs> Kj pi u> rhi k> Nfo;tuF kz p Nghdw Fj pi u thyp  
Mfpatwi w fj p; mbj ;J fsj j py; Ftj ;J i tj j pUf;Fk; fhL rpahdJ FdW  
Nghy , Uej J vdW j hdraf; FtpaYf;F Fdwp i d c ti kggLj j pAsshu;

**kj pak; nj hl Uk; Nkfk; Nghy:**

fl wfi u kz ypi l cytp j d; eZ i rpwfpi d cyuj j pa tz ;lhdJ>  
j hki u kyi u xj j ngz ;fspd; Kfj j pi d Nehf;fp nj hl ueJ nry;Yk;  
mf;fhL rpahdJ thdpy; KOepyi tj ; nj hl ueJ nry;Yk; xU Nkfj j pd; fhL rp  
Nghy; c ssJ vdW c ti kggLj j pAsshu; Gytu; Foei j .

2. FwQrp kz ggj wfhd epfo;Tfi sf; FwpggLf

j lapy; , l i rej d kuf; Frrpfspd; kz Kk> mfiy; Nghdw thri dg;  
nghUl ;fspd; eWkz Kk> ci yapy; , l i ki y ney; muprp Nrhwwpd; kz Kk>  
FwQrp epyk; KOtJk; gutpf; fpl ej fhej s; kyupd; kz Kk> vq;Fk; gutpj ;  
Nj haEJ fpl ej j dhy; FwQrp epyggFj p KOtJk; kz ej J .

Next Generation School

### ghl k; 3 : ehrrpahu; j pUnkhop

E}y; FwpgG :

- Mo;thuf; gddpUtuh; ghl ggl;l E}y; "ehyhapu j pta gugej k;" , j nj hFggpy; , l k; ngwWss> j pUgghi t> ehrrpahuj pUnkhop vd;Dk; , U nj hFj pfs; Mz;lhs; mUspai tahFk; ehrrpahu; j pUnkhop nkj j k; 140 ghl y;fi sf; nfhz;l E}y;
- ek; ghl ggFj papd; , Ughl y;fS k; Mwhk; j pUnkhopay; , l k; ngwWssd. Mz;lhs; , i wtd; kD nfhz;l fhj y; kdj i j f; \$WkE}y; , J vdgu;

### Mz;lhs; gwpa FwpgGs; :

gddpU Mo;thuf;sy; Mz;lhs; kl;LNk ngz ; Mthu; , i wtDfFg; ghki y #lbaNj hL> j hd; mz p;J kfpej g+ khi yi aAk; #l bajhy; "#bf; nfhlj j Rlufnfhb" vd; Gfogg;l hu; , i wtNd mtu; #ba khi yi ar; #l t pUkGthuhk;

### FWtpdh

#### 1. fz z d; GFej gej y; vt;thW , Uej J?

- ◆ fz z d; GFej gej yhdJ Kj;J ffi sAi l a khi yfs; nj hqf tpl ggl;l j hf , Uej J.
- ◆ kj j sk; KOqfpaj hfTk> tupfi s c i l a rqFfi s CJgtufs; epdW nfhz bUej du; vdW> fz z d; GFej gej y; , Uej epi yi a Mz;lhs; \$Wfpwhs;

"kj j sk; nfhl;l tup rqfk; epdW}j

Kj;J i l j hkk; epi u j hoej gej w;"

### rWtpdh

#### 1. Mz;lhs; fdTffhl rpi s vOJf.

- rj puhLk; , skngz fs> j k; i ffsy; fj putd; Nghdw xspi aAi l a tpsfi fAk; fyrj i j Ak; Vej pathW teJ vj p; nfhz;l mi of;fpwhufs;
- kJuhGupi a MS k; kdoddhk; fz z d> ghj qfsy; ghJ i f mz p;J nfhz;l Gtp mj p; kfporrAl d; el eJ tUfpwhd;
- kj j sk; KOqf> tup rqfk; Cj> Kj;J ffi sAi l a khi yfs; nj hqftpl ggl;l gej ypd; fb; vdi dj; j pUkz k; nraJ nfhs;fpwhd; vdW Mz;lhs; fdT fz;l j hff; \$Wfpwhs;

## ghl k; 4 : nraj p

### neLtpdh

1. , i rff ehL> nkhop , dk; Nj i tapyi y vdgi j r; “nraj p” fi j apd;  
%ykhf tpsff.

#### KdDi u :

, i r nkhopi af; flej J. mi kj papd; ehf;fhfg; NgRtJ> kdqfi sf;  
fi uj J mej untsapy; cytr; nrat. , i rapd; nrt;pi aj; ji yggLk;  
kdkhdJ> , dk> ehL> vdw vyi yfNfhLfi sj; jhz b mfyjji j Ak; MS k;  
, ayGi laJ.

, i rff ehL> nkhop , dk; Nj i tapyi y vdgi j r; nraj p vd;Dk; fi j  
cz uj J fpwJ.

#### tj ;thdpd; tUi fAk> mwpKfKk; :

ehj Ru tj ;thd; khL L tz bapylUeJ , UeJ j d; kfd; j qfNtYTk>  
xj J f;fhuUK; thj j paqfi sj; J}ffpf; nfhz L gpd;dhf tu> tffly; tll bw;Fs;  
Ei oej hu; ehj Ru tj ;thd;

tffly; tll by; “gpyg; Nghy;] fh” vdgtu; ji yi kapy; Nkwfj j pa rqfj  
FOtpdu; mkuej pUej du; tffly; tj ;thdpl k; , tu; jhd; gpygNghy;] fh.  
, fFOtpd; ji ytu; vdW mwpKfggJjj p gpd; xtntHuti uAk; mwpKfk;  
nraJ i tj j hu;

#### fBj j dk; nj hl qf;pdhu;

tj ;thd; fkgukhf Xu; Myhgdk; nraJ fBj j dk; nj hl qf;pdhu;  
i laK> fhy; rli laKhf rggz k; flb mkuej pUej \$l;k; mi rahJ  
Mdkhi tf; fhz hj Nyhfj J f;Fk> mDgtj J f;Fk; , l;Lr; nrdwJ.

, ej mDgtj j pi d mi l tj w;Fg; Nghy;] fhTf;F ehNI h> nkhopNah>  
, dNkh ji laha; , yi y.

#### rhkhuhfk; :

“j ] upkh..... kh” vdW Mukggj j uhfk; nfhQrk; - nfhQrkha; kyueJ>  
mi kj pahd kz ktRk; gtokyyp Nghy; c ssj j py; Nj haej J tfflyf;F ...  
nkhop nj upahj Nghy;] fhi tj j pUkgg; ghuj j hu; tffly; .....

mtd; cly; uhfj Nj hL , i reJ mi reJ nfhz bUej J. j pBnudW  
cl;fhuej pUej td; vOeJ tpl;hd; nkyypa fhwwpy; mi rAk; rkgqfp kuk;  
khj pup Mbdhd; Nki l f;fUfy; teJ Koej hspL cl;fhueJ i fi a  
Nki l Nahuj j py; i tj J Kfj j j g; Gi j j J j tj j py; Moej td; Nghy;  
Mdhd;

rhkh uhfj j j ..... mDgt;pf;f mtDf;F nkhopNah> , dNkh , i laaW  
nraatpyi y .

### rhej KNyfh.....

rhej KNyfh..... Foej j i af; nfhQRtJ Nghy> mej mb nfhQrpaJ. Nghy:] fhtpd; nka; rpyuj j J. mtdJ j i yAk> c sSKk; MdkhTk; mi reJ Crypl Lf; nfhz bUej d.....

mej , i r vdf;fhf mDggpa nraj p .....c yfj J fNf xU nraj p.....c qfs; rqf] j j pd; nraj p cz ui t ntsggLj j > epi dj j i j r; nrhyyj ; nj upahky; Nghy:] fh j Lkhwpdhd;..... vdd vdwhu; tj ;thd; .....

### t f;fy; nkhop ngauj j y;

j d; cz ui t Nghy:] fh \$W Mukggj j hd; , i urry> \$rry> mbj b> Gay> mi y> , b vd ..... xNu , i urry; ..... mj j F Nghuf;fsj j pDs; ehd; kl Lk; mi kj pi af; fhz gJ Nghy; cz u;f;Nwd;; fhz ;f;Nwd; , dp , i urrYk> rj j Kk> Aj j Kk; vdi dj ; nj hl hJ ... , ej mi kj p vdf;Fg; NghJk; vdW mtd; cz ueJ \$wpa nraj pi a nkhop ngauj j hu; t f;fy;

### tj ;thd; j pi fgG:

mi kj pah ..... mggbah Nj hz pj ;J mtUf;F ... ehd; thuj i j i af; \$l r; nrhyyt;yi yNa ..... kp] l u; Nghy:] fh eb;fs; cz uej J Nghy; Gay> , b vdW nrhyyhtpl ;hYk; , gghl y; mi kj p mi kj p vdW mi kj pi aNa fi l rp , yl rpakhf , i wQRfpwJ ..... vdW j pi fj ;J f; \$wpdhu;

### Nghy:] fh ..... ghuhl j y;

, i ri a thrj j , ej f; i fi af; nfhLqfs; . fl Ts; euj j dkhLf;pw , ej tpy;fi sf; nfhLqfs; ehd; fl Ti s KfueJ Kj j kpLf;Nwd; vdW tj j thd; c j l by; i tj ;J f; nfhz ;l hu; Nghy:] fh

### KbTi u :

ehL> nkhop , dk; fl eJ thuj i j fs; mwpa nkhop nj upat;yi ynadpDk; , i r cz uj ;k; nkagnghUi s> mi kj pi ag; Nghy:] fh cz ueJ tpl ;hd; , i rnrhwi; sg; Gwf;fz pj ;J ; j df;Fs; , Uf;Fk; nraj pi a vej nkhopNgRk; kdj kdqfS f;Fs;S k; nrYj j pt;Lk; , i ri a cz u> mDgt;pf;f mj d; nkagnghUs; mwpa ehL> nkhop , dk; Nj i tayi y.

## ghl k; 5 : Gz urrp

### gyTs; nj upf:

1. kuNtu; vdgJ -----Gz urrp

m) , ayG                      M) j pu; y; , ) Nj hdwy;                      <) n fLj y;

**tpi l : <**

### FWtph

1. i fgb> i fggpb - nrhwfspd; nghUs; NtWghLfi sAk; mtwypd; Gz urrp  
ti ffi Ak; vOJ f.

“i f gpb” - i fi ag; gpb; j fnfhs; vdW nghUs;

“i fggpb “ - i fggpb msi tf; FwpggJ  
(xU i fggpb gUgG nfhL)

i f + gpb - i fgb , ayGgGz urrp MFk;

i f + gpb - i fggpb (Nj hdwy) tpfhugGz urrp MFk;

**\$Lj y; tpdhffs;**

### gyTs; nj upf:

1. vOj;J ti fahy; nrhw;fi s -----Gz urrp

m) 2                                      M) 3                                      , ) 4                                      <) 5

**tpi l : ,**

2. epi y nkhop <wvpy; , > <> l tUk; NghJ , l kngWk; c l kgLnka; -----

m) afu c l kgLnka;                                      M) tfu c l kgLnka;

, . , uz lK; tUk;                                      <) , uz lK; tuhJ

**tpi l : m**

**3. tIL+ Mbdhd; vt;ti f Gz urrpap; tUK?**

- m) gz Ggngaug; Gz urrp                      M) FwwpaYfug; Gz urrp  
 , ) , ayG Gz urrp                              <) j pi rg; ngau; Gz urrp

**tpi l : M**

**4. tpfhugGz urrpap; VwgLk; khwwqfsy; , lk; ngWgi t**

- m) Nj hdwy;                      M. j pu; y;                      , ) nflj y;                      <. tpu; y;  
 i) Kj y; %dWk; rup                      ii) Kj y; , uz Lk; rup  
 iii) , Wj p %dWk; rup                      iv) mi dj Jk; rup

**tpi l : i)**

**5. fhJ> NgR - , J vt;ti ff; FwwpaYfuk;**

- m) c ap; nj hl uf; FwwpaYfuk;                      M) neby; nj hl uf; FwwpaYfuk;  
 , ) tdnj hl uf; FwwpaYfuk;                      <) nkdnj hl uf; FwwpaYfuk;

**tpi l : M**

**6. nghUj j khdi j j ; Nj uf**

- |          |   |                            |
|----------|---|----------------------------|
| 1. ehf;F | - | c ap; nj hl uf; FwwpaYfuk; |
| 2. neQR  | - | neby; nj hl uf; FwwpaYfuk; |
| 3. khuG  | - | nkdnj hl uf; FwwpaYfuk;    |
| 4. KJF   | - | tdnj hl uf; FwwpaYfuk;     |

- m) 4> 3> 2> 1                      M) 4> 2> 3> 1                      , ) 3> 2> 1> 4                      <) 1> 2> 3> 4

**tpi l : m**

**FWtph**

**1. c l kgL nka; vdwhy; vdd? mi t ahi t?**

c ap; vOj i j , Wj pap; nfhz l nrhy;Yk> c ap; vOj i j Kj yhf  
 ci la nrhwfS k; tUKNghJ mtwi w xdW Nruff xU nka; Nj hdWk;  
 mJNt c l kgLnka; MFk;  
 mi t afu c l kgLnka> tfu c l kgLnka; MFk;



## rwtpdh

### 1. , ayGgGz urrp tpfhugGz urrp – tpsfFf

, ayGgGz urrp

Gz urrpapd; NghJ khwwqfs; vJTkpdwp , ayghfg; Gz urtJ  
 , ayGgGz urrp vdgglk;  
 rhdW : kz ; + ki y = kz ki y

**tpfhugGz urrp**

Gz urrpapd; NghJ khwwqfs; epfoej hy; mJ tpfhugGz urrp vdgglk;  
 khwwk; %dW epi yfsy; tUk; ) Nj hdwy> j µj y> nflj y)  
 rhdW : fy;Y}up + rhi y = fy;Y}uprhi y

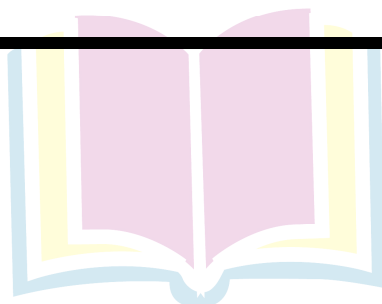
### 2. FwwpaYfug; Gz urrpi ar; rhdW jeJ tpsfFf

tl;l+ Mbdhd; = tl; ( l;+ c) + Mbdhd;= tl;l;+ Mbdhd; ;=  
 tl;l hbdhd;

epi ynkhopahf tUk; FwwpaYfuj j pd; Kd; c apnuOj ;J fs; tej hy; >  
 epi ynkhopapYss c fuk; nflk; tUnkhopapYss c apnuOj ;J epdw  
 nkaAl d; , i z Ak;

FwwpaYfuj j j g; NghyNt rpy KwwpaYfuj ;J f;Fk; , t;tU tj pfS k;  
 nghUe;J k;

cwT+ moF = cw ( t;+ c) + moF = cwt;+ moF;= cwttoF



Next Generation School