



**K A P**  
Kumari Arival Peravai

, sk; tPQhdpfspd;

# அறிவியல்தமிழ் முழக்கம்

1-2-2014 rdpffoi k

fhi y 9.00 kz p Kj y;

**mdyfk; - ghY}H**

(fUqfy; - GJ ffi l rhi y)

## epfo;td

**ji yi k : KssQNrurp K.Nti yad;**

mi kggsh > Fkup mwptay; Ngui t

tuNtwGi u : ] ni gp , sk; tPQhdp

rpvGgi u : **KoqFop gh.yhrH**

**ji ytl> Fkup Kjj kp; kdwk;**

**fUj Ji u :**

**I hf} H.R[ pd; n` HgHI ;**

kUj;Jt mYtyH>Mukg Rfhj hu epi yak> FI} fFop

**I hf} H.v] ;vl;tpd; f;shl rd;**

RwWr#oy; tPQhdp ghY}H

**j pU.vy;vl;tpd; rhk;**

r%ftPQhdp khHj j hz l k;

**j pU.gpNfhghyd;**

epHthfmYtyH vfry; nrd}uy; gssp j pUtl} hH

**j pU.MH.rj H FkhH**

ji yi kMrp;ahH>gp;pvkNkyepi yggsspmz LNfhL

**Nguhrp;ah rpr [ pt;**

fz p p Ji wjji ytl rd; nghw;apay; fy;Y}up

**j pUkj pMH.MH.Nufh**

Mrp; a> muR cal epi yggssp fgg;ai w

**j pUkj pR[ hnkHypd;**

Nguhrp; a ehQr; fi yf; fy;Y}up fsp;f;ht; s

**nry;tpNkup[ \_yp;**

Mrp; a Gdij N[ hrg; nkl up; Nkyepi yggssp

**nry;tprej pahNkhs;**

Mrp; a vfry; nrd}uy; gssp j pUtl} hH

**j pU. \ p;pd;**

Nguhrp;ahvd; l .nghw;apay;fy;Y}upFkhuNfh;tpy;

## kQrsmz p

fl y;tsk; fhgNghk;

-nyl Rkp

fl Nyhukf;spd; thot;pay; rthyfs;

- & [ d;

gi dkuj j pd; gclKfg; gadghL

-Mdrpn [ d;gh

mo;tpy; thi o , dqfs;

- ep\ pfh

eNuhI fswwj hFk; epyggugGfs;

m\ ;t;ij h

rthyhFk; maykfuej Nru;fi f

- \ [ pd;

c apUl } khFk; kz GOc uk;

- kz p

gQrftak;

- j ;ptah

, awi ft;trhak;

-n[ up\ h

## gri rmz p

fhl j l NergNghk;

m f\ h

Fkup fhl Lt;pyqFfs;

g;gp\ h

Fi weJ tUK; fhyei l tsHgG

n [ d;gh

ga;Htskms;pfFkmk;Hj fury;

epNt; j h

tsqfi s Mfuk;pfFk; uggHkuqfs;

ghj j ;kh

ghoh;ftUK; gi oahW

n [ ] ;tpdp

FWf;ptUK; Fs;qfs;

N\ fh

t;l} fNfhl i l

f;U\ z FkhH

ghuk;gupa;pf;f ghHj j ;gGuk;

mgHz h

NkwFj nj hl Hrr;ki yghJ fhgG

Nkup [ Hrr;ah

Fkup;ht;l} e;Hghrdk;

Mj ;j j ;ah

## k&z ;

ep;ji j gNgZ Nthk;

m] ;tpde;uQrd;

ghJ fhf;f Ntz ba rJgG ep;qfs;

] ;fl ypd;

t;l Lki dfshFk; newf;SQr;ak;

y;Ndh

fwFthup;ahFk; Fkup;f;hLfs;

g;ns;rp

Ngupl Hmuz ; mi yahj j ;pf;hLfs;

f;Hj j ;pfh

k;l;tsk; ngUFk; fopKf;qfs

mD\ h

fopT Nkyhz i k mi kgG

gpi ur;py;pd;g;Ndh

tsk; fhj ;Jtej fhTfs

t\ h h

Fkup;ht;l} %y;pi ftsk;

g;uj ;k ;

ghkG -Mej j -vyp -j ti s

mg;uhk;

kut;ss;pf;f;op;q;F(kurr;bd)

nrhsgHz ;pfh

fi yg; nghUshFk; fl wr;gg;pf;f;

mcl;h h

## rptGmz p

nj hopy; \$l qf;S k; #op;ay; epi yf;S k;

] ni gp

fhw; w RthrgNghk;

; j o;

Nfhi j ahWk; e;HghrdKk;

ep; ;ah

J}ai kahf;fgl Ntz ba V.t;pvk;fhy;tha \ hD

c ap;gg;yt; fi k, oe;J tUKFkup;ht;l} kN[ h\ ;pfuh[

ghJ fhf;fNtz ba gwi tapdk; n [ a;th\ ;dp

ghJ fhf;f Ntz ba Fkup RwW;yh j yqfs; t\ h

j hJkz y; epi wej Fkup fl w;fi u ngs\ ;pfh

ghJ fhf;f Ntz ba ney;ti ffs; - f;up;g;pd;

ky;Htsk; k;pf;f Fkup;ht;l} k; - nk;H;tp;dn;f;dd;db

mo;pe;J tUKG;r;rp;pd;k; j hD

## e;yk;zmz p

Ntshz ; tPQhdp ekkhs;tH , awi fghJ fhgG- k;lh

e;f ugNghw;WNthk; - j ;H\ z p

mi z f;fl ;L;f;S k;Fkup;f;f;sp;de;Hj uKk; - l hdy;py;hy;

fi l g;f;f Ntz ba fl Nyhuj ;J}ai k - [ ;pd;

j hdp;agg;ap;Hfs; - g;up;aq;f;h

gss;pf;f;py; f;ha;fw;ij Nj hl ;k - g;U;ej h

gggh;sj;kuk; tsHgNghk; - Nuh\ ;drp

j k;pf;f j ;py; gut;ptUK; , awi f ;tp;trhak; mk;Hj j ;ah

fl wgh;pf;f; - n [ uhyp;dr;k;pf;Nkhs;

r;hj j ;pakhFk; t;l ;Lj Nj hl ;k; - f;U\ z Ntz

c ggq;f;of;f; - ngh;bd;ng;dp

edw;Ai u:m f\ h , sk; tPQhdp

## Fw;gG:

X 5 ep;kl j j ;p;f;f; ; j kp; nkhop;ay; kl ;Lk; NgrNtz Lk;

X , uz ;Lg;f;f m;st;py; j k;py; Ma;T;f;f;Li u vOj p

12 Gssp ghk;pd; vOj j ;py; fz ;p ;pay; Vww;w

nk;dnghUs; e;fy; 31-1-2014 f;f;f; mDggp i tff

Ntz ;Lk;

X vy;NyhUk; fl ;hakhf gq;Nfw;f Ntz ;Lk;

X kj ;p cz T nfhz L tuNtz Lk;

X ngw;Nwh;Hf;S k; gq;Nfw;fyhk;