



## Awaekb cwi Kí bv

w b t 03

mKj t 08.00-09.00

tgqr` Kvj t 60 wgbU

wk̄tivbg t c̄p̄itj vPbv, c̄Zfve | Dc̄vcbv

Afñó `j t grm Awa`Bi | Ab̄vb ms̄vi KgRZes

j ¶ t c̄k¶Yv\_iP i ceP tbi Kvhp̄tgi c̄p̄itj vPbv | c̄Zfve Ges mÜ`Kvj xb KvR Dc̄vctbi m̄thwM Kti  
t`qv hñZ Zviv c̄teP Avtj vPbv ~si Y KitZ c̄tib Ges fj µiU m̄stkvab Kti Awaektbi KvRwmi Zv  
eþx KitZ c̄tib |

Dñl k t G Awaekb tk̄tI c̄k¶Yv\_iMY ceP tbi wk¶Y c̄p̄itj vPbv gva`tg fj µiU m̄stkvab Kti HKgtZ  
tc̄SñZ m̄lg nteb |

wel qmip	Avtj vP` welq	c̄k¶Y tKskj	mgq
fwgKv			5 wgbU
	<ul style="list-style-type: none"> <li>~MZg</li> <li>Pj wZ Awaektbi m̄t m̄thwM</li> </ul>	e³Zv	
welqe`			50 wgbU
	<ul style="list-style-type: none"> <li>c̄ZwK Rvbj Dc̄vcb c̄k¶K ceW tbi wbePZ c̄k¶Yv_iK c̄ZwK Rvbj t_tK 5 wgbU ej vi Rb Ab̄iva Kiteb   c̄g c̄k¶Yv_iZvi c̄ZwK Dc̄vcb tkI Kitj , Ab̄ tKD Avi tKvb wekI wk¶Yq welq Dc̄vcb KitZ AvMñx wKv Zv c̄k¶K Rvbteb Ges tKD AvMñx _wKtj ZvK Dc̄vcb Kivi m̄thwM w`teb  </li> <li>ceW tbi c̄p̄itj vPbv c̄k¶K GKRb c̄k¶Yv_iK mnwqK wntme wbePb Kiteb, wnb MZ w`tbi mg`-Kvhñg   wk¶Yq welq, tji c̄k¶Eti i gva`tg c̄p̄itj vPbv Kiteb  </li> </ul>	e³Zv c̄k¶Ei	
mvi -mst¶c			5 wgbU
	<ul style="list-style-type: none"> <li>c̄ZwK Rvbj   mÜ`Kvj xb KvRi Dc̄vcb Ges c̄ZwK c̄p̄itj vPbv Ask Mñtbi Rb mKj tK ab`ev` Avcb  </li> </ul>	e³Zv c̄k¶Ei	
c̄k¶Y mnwqK mvgMñt tnwqBU teW©gvKñ , BZ w`			

## Añatekb cwi Kí bv

w b t 3

mgq t 9:00-10:00

tgqr` Kvj t 60 mgibU

wk̥t̥iwbvg	t avb tP̥t̥Z tQlU g̥t̥Qi Pvl
Afxó `j	t grm` wefvMxq I Ab'vb` `Bt̥i i KgRZq`
j P̥	t AskM̥YKvi xP̥ i avb tP̥t̥Z tQlU g̥t̥Q Pvl i , i "Zi   wefvbPvl cxiZ m̥út̥K̥mg̥K avi bv t̥ qv nte h̥t̥Z Zvi AñRZ Ávb wbt̥Riv Kv̥t̥R j M̥t̥Z cv̥i b I msuké` i G weI tq c̥q̥Rbxq c̥vgk̥c̥l̥v b Ki̥t̥Z cv̥i b
Df̥t̥k̥	t G Añatekb tk̥t̥l̥ AskM̥YKvi xMY- <ul style="list-style-type: none"> <li>• avb tP̥t̥Z tQlU g̥t̥Q Pvl i , i "Zi   c̥q̥RbxqZv e̥vL̥v Ki̥t̥Z cv̥i t̥eb;</li> <li>• avb tP̥t̥Z g̥t̥Q Pvl i wefvbocxiZ m̥út̥K̥ej t̥Z   Dct̥hvMx cxiZ mbv³ Ki̥t̥Z cv̥i t̥eb;</li> <li>• avb tP̥t̥Z g̥t̥Q Pvl i tP̥t̥Rv̥t̥ Rv̥t̥ v̥bPb, Rv̥t̥ c̥t̥Z, MZ̥ev bv̥t̥ Lbb, av̥bi Rv̥t̥ v̥bPb I t̥i v̥cb cxiZ m̥út̥K̥ej t̥Z cv̥i t̥eb;</li> <li>• avb tP̥t̥Z g̥t̥Q Pvl i Dct̥hvMx cRmZ v̥bPb, gRj NbZi I gRj cieZP̥e̥ -icbv m̥út̥K̥ ej t̥Z cv̥i t̥eb  </li> <li>• avb tP̥t̥Z g̥t̥Q Pvl wefvbomgm̥v̥ P̥yZKiY I Zvi m̥t̥e̥ mg̥avb m̥út̥K̥e̥vL̥v Ki̥t̥Z cv̥i t̥eb</li> </ul>

weI qm̥P	Avt̥j vP̥ weI q	cikpiY cxiZ	mgq
f̥yKv			3 mgibU
	<ul style="list-style-type: none"> <li>• e̥MZg</li> <li>• ce@Zr̥Añatekb̥bi m̥t̥_ m̥sthvM -icbv (c̥avb wk̥t̥Yxq weI qm̥n)</li> <li>• eZ@v̥b Añatekb̥bi Dci Avt̥j vKv̥Z (wk̥t̥iwbvg I Df̥t̥k̥m̥n)</li> <li>• D0̥xKiY (Añatekb̥bi , i "Z)</li> </ul>	e̥³Zv I cikpiEi	
weI qe̥'			52 mgibU
	<ul style="list-style-type: none"> <li>• avb tP̥t̥Z g̥t̥Q Pvl i , i "Zi   c̥q̥RbxqZv;</li> <li>• h̥Mcr cxiZ- myav</li> <li>• ch̥q̥ug cxiZ- tQlU g̥t̥Q Pvl e̥e̥ -icbv, av̥bi Rv̥t̥ v̥bPb I Pvl i t̥i v̥cb cxiZ</li> <li>• ch̥q̥ug cxiZt̥Z avb tP̥t̥Z i "B Rv̥t̥xq g̥t̥Qi m̥t̥_ gj vi mgk³ Pvl I e̥e̥ -icbv  </li> </ul>	e̥³Zv I cikpiEi	
m̥i m̥st̥t̥c			5 mgibU
	<ul style="list-style-type: none"> <li>• gj weI tqi c̥p̥i vt̥j vPbv (c̥avb wk̥t̥bxq weI qm̥n)</li> <li>• Df̥t̥k̥ h̥Pv̥B I f̥j m̥st̥kvab</li> <li>• n̥v̥U AvDU weZiY</li> <li>• cieZP̥Añatekb̥bi m̥t̥_ m̥sthvM -icbv I ab̥ev̥ Ávcb</li> </ul>	cikpiEi	
cikpiY mn̥qK mg̥M̥t teW̥g̥iK̥ , wdePv̥U n̥v̥U AvDU, BZ̥w̥			

avb tP[Z tQvU gv[Qi PvI

figKv

fVZ | gvQ evsj vt' tk i RbM tYi cLvb Lv` | Avi G `ju Drct` tbi Rb" cLq Rb cPj PvI thwM" Aver` x Rng I gvQ  
Pvt i Rj vKq| cLq 15 tKwU RbmsL vi Nb emZCzYtQvU G t' tk `jtU m¤u` B AZ"š-mxgZ Ges w b w b Zv Avtiv  
mxgZ nt"Q| cPj všf i, RbmsL v exi mv\_ mvt\_ gvtQi Pwv` vi `Z teþo hv"Q| GLtbv Avgt` i t' tk i A\_ ØwZ, cjo  
Ges Kgñs vt"b gvQ Dtj LhwM" fngKv cvj b Ki tQ| cjo` t' i gZ Mto RbcZ eQti 18 tKwR gvtQi cLq Rb wKš  
eZgutb gvQ MøtYi ciw gvY gvT 13.5 tKwR| hv Avgt` i Pwv` vi Zj bvq AcLj | tKej gvT cKt i gvQ Pvt i gva"t g  
e"vcK Pwv` v cY m¤e bq| GgZvE tq Rngi eumea e"envi GKvš-cLq Rb| G tcLq vctU avbtPtz gvQ Pvt i ,i "Zi  
Acwimxg| evsj vt' tk cLq 6.99 wqj qb GKv avbx RngtZ eQti 4-6 gvm cwb \_vtK hv avtbi mvt\_ gvQ Pvt i Rb" LpB  
DcthwM| Gme RngtZ avtbi mvt\_ gvQ| wPsw Pvt i e"vcK m¤ebv i tqtQ|

avb †¶‡Z gvQ PvI GKIJ mgvšZ PvI c×WZ | G c×WZ † e tq, Áí ktg Ges mnR e e vcbvq GKB RwgZ GKB  
m‡% ev chqqtg G‡Ki AwK dmj Drcv` b Kiv m‡e hv Rwgj m‡Eg e envi wboZ Kti | dtj c\_wxi wewfbet` k  
avbt ¶‡Z gvQ PvI Rbw‡q ntq D†v‡Q| avtbi m‡% gvQ PvI Kitj avtbi dj b 12-17% Ges Ltoi dj b 14-20% epx  
cvq | dtj KI‡Ki AwK DbwZi mw\_ mw\_ Awgq RvZxq Lv` i NwWZI c‡Y ng |

avb tPZ tQvU gvQ Pvtl i , i "Zj

Avgit` i t` tk cfe@avb t¶tZ cÖKlZKfvte cÖpj cwi gvtY wewfbocRwZi tQvU gvtQ cvl qv thZ | wKs' lvtUi ` ktki w`k avtbi dj b evovtivi Rb` G t` tk D`P dj bkjx avb Pvl i gva@tg meR vetei m@cvZ nq| dtj Gme avbx RwtZ gvtQo ci@cvZ ` Z KgtZ \_vtK Ges eZ@tB tbB ej t` B Pjt | Z\_wic GLtB Avgit` i t` tk i M@gry ` wi ` RbtMvöX Zit` i AvgI RvZxq Lv` i Pvn` v ciftYi Rb` Gme tQvU gvtQi lciB AtbKvstk wfPkjx | KviY, Zvi v AtcPwKZ `vgx l eo gvtQ mtq mg\_@bq| Gme tQvU gvtQ Avgit` i cikicwicl cÖpj cwi gvtY wfUwgb l c@qvlRbxq LwR (Minarel) Dcv` vb i tqtQ hv `r` i ¶vq LeB c@qvRb|

Avgv̄t̄ i t̄ tk̄ c̄q̄ 150 w̄ w̄fb̄c̄ R̄w̄Z̄ i t̄Q̄U ḡQ̄ i t̄q̄Q̄ | Avgv̄b̄K̄ c̄x̄w̄Z̄t̄Z̄ c̄K̄t̄i i c̄v̄k̄v̄w̄k̄ av̄ t̄P̄t̄Z̄I Ḡm̄e t̄Q̄U  
ḡt̄Q̄i P̄v̄l K̄t̄i Ḡt̄ tk̄i ḡv̄b̄j̄i i Āc̄j̄oR̄w̄Z̄ t̄iM̄ w̄t̄k̄l K̄t̄i i v̄Z̄K̄v̄b̄ t̄iM̄ c̄d̄Z̄t̄i v̄a K̄i v̄ Āt̄b̄K̄v̄s̄t̄K̄B̄ m̄t̄ē | ēZ̄ḡt̄b̄  
16 w̄ c̄R̄w̄Z̄i t̄Q̄U ḡQ̄ P̄t̄l i Īc̄i i "Z̄i t̄ q̄ n̄t̄Q̄ | Gi ḡt̄ā ḡj̄v̄, c̄j̄U Ges̄ w̄Ps̄m̄o av̄ t̄P̄t̄Z̄ P̄t̄l i R̄b̄ L̄yB̄  
D̄c̄t̄h̄M̄x̄ |

avb †¶‡Z gvQ Pv‡l i myeav

- avtbi m‡\_gvQ PvI Kitj GKB Rng t‡K AñZwi<sup>3</sup> dmj nñmte gvQ cvl qv hvq |
  - gvQ avtbi AñbóKvi x tcvKv-gvKo Lvq Ges t¶‡Z AñMvQv Rb¶‡Z evav mjo K‡i | dtj avtbi dj b teñk nq Ges KxÜbvKk I nbvbx LiP Kg j vM |
  - gy‡Qi weñv t¶‡Zi De‡Zv eñ‡Z mvi nñmte KvR K‡i |
  - tcvbx µ‡qi LiP Qvov tZgb evowZ c‡Ri c‡qvRb nq bv |
  - mgvñš Z eyj vB e e`vcvbx `RveK c×ñZ‡Z eyj vB `g‡b gvQ KvñRi fñgKv cyj b K‡i |
  - G c×ñZi PvI KvñR‡g Lv` c‡qv‡Mi c‡qvRb nq bv |
  - Kgñs -v‡bi mñhvM eñ‡cvq |

avb tPfZ tQvU qvQ PvI c×wZ

Rigi ai Y Abhwq mvavi YZt 2 cxi ZtZ avb tPtz gwQ PvI Kiv hvq thgb-

### 1 | hMcr CxWZ (Simultaneous or Concurrent method)

2) chiqing cixi (Alternate or Rotation method)

hMcr cXwZ

hMcr c×WtZ avb I gvQ GKB Rwg‡Z GK m‡½ PvI Kiv nq| G c×WtZ avb n‡"Q gl\_ dmj Ges gvQ n‡"Q Awzwi 3  
dmj | ga"g I wPz Rwg‡Z thLvtb 4-6 gvm cwb \_vtK, tmLvtb Avgb avtbi mv‡\_ gvQ PvI Kiv hq| Awei tev‡iv  
tg§mtg thme Rwg tñP mpeavi AvI Zvarb tmme Rwg‡ZI G c×WtZ avtbi mv‡\_ gvQ PvI Kiv th‡Z cv‡i | GQov  
DcKj xq avbx Rwg‡Z elPKtj avtbi mv‡\_ tQvU gvQ I wPswo PvI Kiv th‡Z cv‡i | G c×WtK Awei `ñFvtM fVM Kiv  
th‡Z cv‡i | thgb-

K) GK dmj v c x w Z

L)  $\tilde{y}dmj \in C \times \mathbb{WZ}$

GK dmj v c×॥ZtZ gqQ I aib GKB m½ GKB RqtZ Pvl Kiv nq Ges aib KvUvi ci gqQ aiv nq| Avi `đdmj v  
c×॥ZtZ GKB gRf` i gqQK ci ci `B dmjt ivLv nq| A\_ř cđg dmj wJ KvUvi ci gqQK tPfZi GK cđši MđZ©  
ev wqib cđti ti tL t` qv nq| Aztc ci eZPdmjt Awei tPfZ Qrov nq Ges wZxq dmj KvUvi ci gqQ aiv nq|

Geometric mean,  $\bar{y}$  vs. background

- G c×ñZtZ GK mñ½ Aí Kg I - † Li†P `ñU dmj cvl qv hvq |
  - gvQ avtbi AñboKvix KxU-cZ½ I AvMñQv tLq Gt i Dc`e Kngtq t`q| dtj Gi Rb" evññZ cñRi cñgvRb nq bv|
  - gvQI eR®avb tñtZ tñRñK mvi mnñtë KvR Kt i |
  - gvQI Pj vPtj cñbtZ Añt Rñbi cñgvY teñto hvq Ges cñ Dcv`vbmgn AññKZi mnRj f" nq |
  - avb Ptñi LiP Kg nq, dñ b eñx cvq, dtj qvñdñl teñk nq |

chiquig c× $\mathbb{Z}$

G c×Z‡Z GKB Rwg‡Z avb I gyQ chq¶q‡g Pvl Kiv nq| mvavi YZ avb KvUvi ci gyQ Pvl Kiv nq Ges gyQ Avni †Yi  
ci avb Pvl Kiv nq| thme wPzRwg el †Kvtj cweZ nq Ges thLvtb tKej gv† kxZKvtj testiv avtbi Pvl Kiv nq, tmme  
Rwg G c×Zi Rb" DcthwMx| ZvQov mgj" DcKj eZPGj vKvq thLvtb el †Kvtj tj vbcwbi wPswo Pvl Kiv hvq bv tmme  
Rwg‡ZI wPswo i ctj avtbi Pvl Kiv th‡Z ctj| el † mqg avtbi mv‡ -† ycwbi wPswo I qv‡Qi Pvl Kiv th‡Z ctj|

chīqūg cixi meav

- G c×nZtZ gvQ PvI avb \_vK bv ej avb tPZ cōqRb Abjhvqz cwb i vLv hvq |
  - gvQ PvI i Rb th me mvi cōqM Kiv nq tm, tj vi Ae-eüZ Ask Ges gvtQi eR® avtbi Rb mvi ntmté KvR Kti |
  - avtbi ci gvQ PvI Kiv nq ej tcvKv-gvKtoi Rxeb Pμ evnZ nq | dtj cieZtZ avb tPZ tcvKvi AvugY Kg nq |
  - avtbi ctj gvQ PvI KivtZ RigtZ AvMvqi Dc`ē Ktg hvq Ges Rigi gwU big \_vK neavq Aí PvI cieZtZ avtbi Pviv tvcvKv hvq |
  - avb KvUvi ci avb MvQi tMvovi Ask cwbZ cōP Mltq cōi cōUb RbVq, hv gvtQi DrKó Lv` |
  - Gme Rigi tekxi fWm eügwj Kvbxz nI qvq mgewqfEK ev mgwRwfEK qvQ PvI i meav i tqtQ |

avbt¶¶Z †QvU gvtQi PvI e"e" vcbv

1 | avb t¶‡Z hMcr c×wZ‡Z tQwU gyQ PvI e„e „vcbw

Ring wberPb

Rng wbeP#bi lci awb tP#Z gVQ Pv#l i mdj Zv euj vsk wfP#kj | ZvB Rng wbeP#b wbgij wLZ welqmgm wetePbv Kiv  
DwPZ |

- R̄igūU Afc̄l̄KZ mḡZj n̄l qv D̄l̄PZ h̄t̄Z R̄iḡt̄Z c̄mbi M̄f̄xi Z̄v me R̄q̄M̄q̄ mḡb \_v̄t̄K |
- R̄igūU thb eb̄v̄q c̄mbi Z̄v n̄q t̄m̄v̄ t̄K j̄l̄ t̄īt̄LB R̄iḡ ib̄eP̄b K̄t̄Z n̄te | GR̄b̄ ḡS̄v̄ix D̄P̄z R̄iḡ ḡQ̄ P̄t̄l̄ i Dc̄thwMx |
- ḡw̄Ui c̄mbi avi Ȳl̄ḡZ̄v̄ teīk̄ \_v̄K̄t̄Z̄ n̄te | GR̄b̄ Ḡt̄Uj ev̄t̄v̄-Auk̄ ḡw̄U n̄t̄j̄ B̄ f̄v̄t̄j̄ v̄ |
- R̄iḡt̄Z̄ thb avb̄ Kv̄Uv̄ ch̄S̄-4-6 ḡw̄m̄ c̄mbi \_v̄t̄K̄ |
- ib̄eP̄Z̄ R̄iḡ M̄f̄xi bj̄ K̄e ev̄v̄q̄ R̄j̄ var̄t̄īī c̄t̄k̄ n̄l qv D̄l̄P̄Z̄, h̄t̄Z̄ mn̄t̄RB̄ R̄iḡt̄Z̄ c̄t̄q̄R̄b̄ ḡZ̄ c̄mbi t̄l̄ qv̄ h̄v̄q̄ |
- R̄igūU ev̄oxi h̄Z̄Uv̄ m̄e Kv̄Q̄v̄K̄m̄Q̄ n̄l qv̄ f̄v̄t̄j̄ v̄ |

### R̄iḡ c̄t̄Z̄K̄īY

avbx R̄iḡt̄K̄ ḡQ̄ P̄t̄l̄ i R̄b̄ ḡt̄Q̄ī ev̄m̄ Dc̄thwMx K̄t̄ī ^Z̄v̄ī K̄t̄Z̄ n̄te | R̄iḡ h̄Z̄ f̄v̄j̄ f̄v̄t̄e c̄t̄Z̄ K̄ī n̄te ZZ̄ teīk̄ avb̄ I ḡt̄Q̄ī Drc̄v̄ b̄ c̄v̄l̄ qv̄ h̄v̄t̄e | GR̄b̄ R̄iḡ f̄v̄j̄ f̄v̄t̄e P̄l̄ t̄l̄ l̄q̄ī cī ḡB̄ w̄t̄q̄ mḡb̄ K̄t̄ī w̄t̄Z̄ n̄te thb̄ meP̄B̄ c̄mbi M̄f̄xi Z̄v̄ mḡb̄ \_v̄t̄K̄ |

### AvBj̄ w̄b̄ḡP̄

c̄t̄q̄R̄b̄Z̄ c̄mbi āt̄ī iv̄L̄v̄ī R̄b̄ R̄iḡ P̄v̄īc̄t̄k̄ D̄P̄z̄l̄ k̄³ K̄t̄ī AvBj̄ ev̄t̄Z̄ n̄te | AvBt̄j̄ i D̄P̄Z̄v̄ 50 t̄m̄v̄. Gī I c̄t̄ī n̄t̄j̄ f̄v̄t̄j̄ v̄ Ges AvBt̄j̄ i t̄M̄v̄ōī w̄ K̄ Afc̄l̄K̄Z̄ c̄t̄k̄-n̄l qv̄ D̄l̄P̄Z̄ thb̄ c̄mbi P̄t̄c̄ AvBj̄ mn̄t̄R̄ t̄f̄t̄½̄ b̄v̄ h̄v̄q̄ | Z̄t̄e AvBt̄j̄ i D̄P̄Z̄v̄ Ggb̄ n̄l qv̄ D̄l̄P̄Z̄ thb̄ eb̄v̄ī c̄mbi Z̄t̄Z̄ Z̄w̄j̄ t̄q̄ b̄v̄ h̄v̄q̄ | el̄f̄ mḡq̄ t̄l̄t̄Z̄ī Āw̄Z̄v̄³̄ c̄mbi h̄t̄Z̄ AvBj̄ Dc̄P̄t̄q̄ teīt̄q̄ b̄v̄ h̄v̄q̄ Z̄v̄ī R̄b̄ AvBt̄j̄ i Dc̄w̄ī f̄v̄t̄M̄ c̄mbi w̄b̄M̄ḡb̄ c̄t̄\_v̄K̄t̄Z̄ n̄te Ges w̄b̄M̄ḡb̄ c̄t̄\_Z̄v̄ī ev̄v̄B̄j̄ t̄bī R̄ȳ w̄t̄Z̄ n̄te thb̄ c̄mbi m̄t̄½̄ ḡQ̄ teīt̄q̄ th̄t̄Z̄ b̄v̄ c̄v̄t̄ī |

### MZ̄Q̄ b̄v̄j̄ v̄ Lbb̄

avb̄ t̄l̄t̄Z̄ ḡt̄Q̄ī Avk̄q̄-j̄ w̄n̄t̄m̄te b̄v̄j̄ v̄ Ges MZ̄ev̄ w̄ḡb̄ c̄K̄ī Aek̄B̄ \_v̄K̄t̄Z̄ n̄te | b̄v̄j̄ v̄ AvBt̄j̄ i w̄F̄Z̄ī R̄iḡ P̄v̄īc̄t̄k̄ Āev̄ Avov̄Av̄of̄v̄t̄e ev̄t̄K̄v̄b̄v̄K̄b̄v̄t̄e ^Z̄v̄ī K̄īv̄ th̄t̄Z̄ c̄v̄t̄ī | R̄iḡ Afc̄l̄K̄Z̄ w̄b̄P̄z̄ As̄t̄k̄ 1-2% Gj̄ v̄K̄ R̄j̄ō 75-95 t̄m̄v̄ M̄f̄xī K̄t̄ī MZ̄K̄īt̄Z̄ n̄te | M̄t̄Z̄P̄ m̄t̄½̄ b̄v̄j̄ vī ms̄t̄h̄w̄M̄ īv̄L̄t̄Z̄ n̄te h̄t̄Z̄ ḡQ̄ b̄v̄j̄ vī ḡv̄āt̄ḡ mn̄t̄RB̄ MZ̄t̄\_t̄K̄ avb̄t̄l̄t̄Z̄ Ges t̄l̄t̄Z̄ t̄\_t̄K̄ M̄t̄Z̄C̄v̄m̄t̄Z̄ c̄v̄t̄ī | t̄Q̄v̄U ḡQ̄ P̄t̄l̄ i R̄b̄ Avk̄q̄-j̄ w̄n̄t̄m̄te t̄l̄t̄Z̄ī w̄F̄Z̄t̄ī ev̄v̄B̄t̄ī Afc̄l̄K̄Z̄ w̄b̄P̄z̄ As̄t̄k̄ w̄ḡb̄ c̄K̄ī K̄īt̄Z̄ c̄v̄t̄ī Ges c̄K̄ī t̄\_t̄K̄ t̄l̄t̄Z̄ī gā w̄t̄q̄ b̄v̄j̄ vī ms̄t̄h̄w̄M̄ \_v̄K̄t̄j̄ f̄v̄j̄ n̄q̄ |

### R̄iḡt̄Z̄ b̄v̄j̄ v̄ MZ̄K̄īv̄ī D̄t̄l̄K̄

- L̄īv̄ I īt̄ḡs̄m̄t̄ḡ t̄l̄t̄Z̄ī c̄mbi K̄t̄ḡ t̄M̄t̄j̄ Ā\_ev̄ c̄mbi Z̄v̄c̄ḡv̄ī teīt̄ō t̄M̄t̄j̄ ḡQ̄ b̄v̄j̄ v̄ M̄t̄Z̄c̄K̄t̄ī Avk̄q̄ w̄t̄Z̄ c̄v̄t̄ī |
- t̄l̄t̄Z̄ K̄x̄Uv̄b̄v̄K̄ c̄t̄q̄M̄ī c̄t̄q̄R̄b̄ n̄t̄j̄ c̄mbi K̄iḡt̄q̄ ḡQ̄t̄K̄ b̄v̄j̄ v̄ ev̄ M̄t̄Z̄c̄t̄īt̄L̄ K̄x̄Uv̄b̄v̄K̄ c̄t̄q̄M̄ K̄īt̄j̄ ḡt̄Q̄ī t̄K̄b̄ t̄l̄t̄Z̄ n̄q̄ b̄v̄ |
- ḡQ̄ āīv̄ī mḡq̄ c̄mbi K̄iḡt̄q̄ b̄v̄j̄ v̄ ev̄ M̄t̄Z̄q̄-ḡQ̄ ḠK̄v̄ī Z̄K̄t̄ī mn̄t̄RB̄ āīv̄ h̄v̄q̄ |
- eo MZ̄ev̄ w̄ḡb̄ c̄K̄ī \_v̄K̄t̄j̄ ^b̄dm̄j̄ v̄ c̄x̄w̄Z̄t̄Z̄ avb̄ t̄l̄t̄Z̄ ḡQ̄ P̄l̄ K̄ī v̄jeav̄Rb̄K̄ | ḠQ̄v̄ōv̄ avb̄ Kv̄Uv̄ī c̄t̄ī M̄t̄Z̄c̄K̄t̄ī ḡQ̄ t̄īt̄L̄ eo Kv̄h̄v̄q̄ | Ḡt̄Z̄ Āw̄\_R̄f̄v̄t̄e ht̄\_ó̄j̄ v̄fevb̄ n̄l qv̄ h̄v̄q̄ |

### m̄v̄ī c̄t̄q̄M̄

avb̄ I ḡt̄Q̄ī Drc̄v̄ b̄ teīk̄ t̄c̄t̄Z̄ n̄t̄j̄ t̄l̄t̄Z̄ c̄t̄q̄R̄b̄ ḡZ̄ m̄v̄ī c̄t̄q̄M̄ K̄īv̄ D̄l̄P̄Z̄ | ḡw̄Uī DeP̄Z̄v̄ I āv̄b̄ī R̄t̄Z̄ī Z̄v̄ī Z̄ḡ Ab̄m̄t̄ī m̄v̄t̄ī ī c̄w̄īḡv̄Ȳ w̄bāȲ K̄īt̄Z̄ n̄te | m̄v̄āv̄īȲZ̄t̄ D̄P̄ dj̄ b̄k̄x̄j̄ R̄t̄Z̄ī āv̄b̄ī R̄b̄ c̄t̄Z̄ k̄Z̄K̄ R̄iḡt̄Z̄ 600-700 M̄ḡ BD̄w̄ q̄, 400-500 M̄ḡ w̄Uḡm̄c̄ Ges 200-250 M̄ḡ Gḡm̄c̄ m̄v̄ī t̄l̄t̄q̄ th̄t̄Z̄ c̄v̄t̄ī | w̄Uḡm̄c̄ I Gḡm̄c̄ m̄v̄ī R̄iḡ Z̄v̄ī mḡq̄ ḠK̄ēv̄B̄ c̄t̄q̄M̄ K̄īt̄Z̄ n̄q̄ | BD̄w̄ q̄ m̄v̄ī mḡb̄ w̄Z̄b̄ w̄K̄v̄-t̄Z̄ Ā\_P̄ āv̄b̄ t̄īv̄c̄t̄b̄ī 30-35 w̄b̄, 45-50 w̄b̄ Ges 60-65 w̄b̄ c̄t̄ī c̄t̄q̄M̄ K̄īt̄Z̄ n̄q̄ | m̄t̄½̄ 6-10 t̄K̄v̄R̄ t̄M̄v̄ēī R̄iḡ ^Z̄v̄ī mḡq̄ w̄t̄j̄ f̄v̄j̄ n̄q̄ | t̄M̄v̄ēī m̄v̄ī c̄t̄q̄M̄ K̄īt̄j̄ ī v̄m̄q̄b̄K̄ m̄v̄t̄ī ī c̄w̄īḡv̄Ȳ K̄ḡ n̄t̄j̄ | P̄t̄j̄ |

avtbi RvZ wbePb | Pvi v tivcb cxiZ

avtbi mvt\_gvQ PvI i tPfZ avtbi RvZ wbePb wbe wel qmgm j P i vLtz nte-

- thme avtbi D"p dj bkyj Ges AwaK cwb mn KiZ cti I mntr tnj ctobr|

- thme avtbi tiM ciztiva PgZv teik Ges tcvKvi AvugY Kg nq|

- mgj'DcKj xq Gj vKvi Rb wbePZ avtbi j eYv^3 Zv mn Kivi PgZv\_vKZ nte|

- D"p dj bkyj RvtZi avtbi gta weAvi -3 (vece), weAvi -11 (gv^3) | weAvi -14 (MvRx) Ab^Zg|

avtbi mvt\_gvQ PvI KiZ avtbi Pvi mwvi ex-fite Ges mgvb fZj vMtz nte, hvtZ gvQ avb tPfZ mntr Pj vtdiV KiZ cti | Pvi v j vMtbvi mgq tMvQv t\_k tMvQv ^Zj 15-20 tmig. Ges mwvi t\_k mwvi ^Zj 20-25 tmig. v^Z nte| Zte tRvov mwvi cxiZtZ 15 tmig. I 35 tmig ^Zj vMtz fij nq| G cxiZtZ ^B mwvi i ga^Kvi ^Zj 15 tmig. Kti GK tRvov Ges GK tRvov mwvi t\_k Aci tRvov mwvi ^Zj 35 tmig. ntZ nte| Gi dtj gvQ mntrRB avb tPfZ Pj vPj KiZ cti I cPi mh^j vK cti, gvtQi Lv^i cPhZv teko hvq Ges avb I gvtQi dj b teik nq|

gv^Qi cRwZ wbePb | tcvbr grj

avb tPfZ cwb MiFxi Zv Kg \_vKtZ cwb Zvcgv^v Ges cwi teki ^Z cwi eZ^ NtU| ZvQv avb tPfZ A^ mg^qi Rb^ gvQ i vLv nq, ZvB G cxiZtZ gvQ PvI i Rb^ cRwZ wbePb wbgj vLZ wel q, t^j v weetePbv KiZ nte|

- wbePZ gvQ ^Z ea^kuj ntZ nte|
- Kg MiFxi cwb tZ ^RQ^ e^m KiZ cti Ges ZvovZwo eo nq|
- Zvcgv^v I cwi teki Zvi Zg mn Kivi PgZv\_vKZ nte|
- avtbi tKib PgZ Kti bv|

Gme weetePbv Kti G cxiZi Rb^ wgi i Kvc^ mi cJU, gj v | wPsio wbePb Kiv thtZ cti | wbtgeGme cRwZi wgt^ Pvi i ciz kZtK gRj NbZj t^i qv ntj v|

bgbr-1		bgbr-2	
cRwZ	msL^v	cRwZ	msL^v
gj v	50-60	gj v	60-64
wgi i Kvc^	6-8	wPsio	36-40
mi cJU	10-12		
tgvU	66-80	tgvU	96-104

tcvbr gRj NbZj mwari YZ: tcvbr AvKvi, cRwZ Ges tPfZi DePZv i ci wbfP Kti | thtnZiG cxiZtZ gvQ^K A^ mg^qi Rb^ i vLv nq tmtnZeo AvKv^i i tcvbr Qvov DiPZ | GrB^ cJU i wgi i Kvc^ tcvbr AvKvi 9 tmig. Gi I ci ntj fij nq| cwb Zvcgv^v Zvi Zt^i Rb^ tcvbr giv thtZ cti weaq tcvbr avb tPfZ Qvov c^e^Aek^B Lvc LvBtq A^ Zvcgv^v mg^e^vq G^b tcvbr QvotZ nte| avb j vMtbvi 15-20 v^b ci tcvbr Qvov DiPZ | avb j vMtbvi ci ci tcvbr Qvotj gvtQi Pj vPj i Kvi tY avtbi Pvi v Avj Mv ntq D^V thtZ cti |

cwb miei v

gv^Qi ^RfweK e^x i Rb^ avb RngtZ me mgq KgctP 18 tmig. I cti cwb i vLv DiPZ | Zte c^g v^K cwb MiFxi Zv teik nl qv DiPZ bq, Kvi Y G^Z Pvi v MvQ tMvQv wbtZ cti bv| ZvB c^g t^o g^m ch^S- 12-20 tmig. cwb i vLtz nte| Ges Gici axti axti cwb MiFxi Zv evov^br thtZ cti |

Lv^i c^qM

avtbi mvt\_gvQ PvI i Rb^ evBti t\_k Rb^ Lv^i c^qM Rb nq bv| Zte teik Drcv` b cvl qui Rb^ gvtQi t^ni I R^bi 2-3 kZisk nv^i mwvi ^Lj I Pv^j i Kvi 1t2 Abc^tZ ciz^v b M^Z^ev avb tPfZ c^qM KiZ nte|

tcvKv-gvKo `gb

avb tPZ gvo Pvl Kitj mvarvi YZ tcvKvi Avpugb tZgb nq bv| h̄ tKib tcvKvi Avpugb t Lv t q Zvnj tPZi cwb Kngtq gvqtK MZev buj vi gta ti tL KvbvK eenvi Kiv thZ cti | KvbvK eenvi i 4-5 w b ci RngtZ cwb fuzCKitj gvo MZev buj v t tK tPZ tei ntq Avmtel GQvor avb tPZ MfQi Wij A\_ev evtki KWA ctZ cwl emvi e e v Kitj tcvKvi Avpugb euj vsk wqsy Kiv hvq |

gvQ Avni Y

avb KvUvi ci cwb Kngtq tPZ t\_k gvo aitZ nte| Zte mKvtj i w tK ZvovZwo avb KvUvi mth mth gvo ati t dj w DnZ gvo mthZR vK I wbePb gj teik nq| avbi mth gvo Pvl Kitj cZ kZvstK GK dmj v c x ZtZ 1.30-2.60 tKuR Ges `jdmj v c x ZtZ 2.40-2.80 tKuR gvtQi Drcv`b cvl qv hvq| Avi gj v I wpswo Pvl Kitj cZ kZvstK GK dmj v c x ZtZ 0.06-0.07 tKuR gj v I 0.85-0.95 tKuR wpswo Ges `jdmj v c x ZtZ 0.24-0.28 tKuR gj v I 1.32-1.47 tKuR wpswo Drcv`b Kiv hvq |

2| chqug c x ZtZ avb tPZ gj vi mvts\_ i "B RvZxq gvtQi wqk Pvl e e vcbv

Rng wbePb

Gt k e u wPz Rng AvtQ hv el Kvtj AwZwi 3 cwbZ cweZ \_vKvq avtbi Pvl Kiv hvq bv, ZvB tKej gvt i® tgsmg teviv avtbi Pvl Kiv nq| Gme Rng G c x Zi Rb Lb DcthvMx| th Rngw wbePb Kiv nte Zvi Pvi ctk Dp RvgMv ev Dp AvBj \_vKtZ nte thb eb vi cwbZ cweZ bv nq |

Rng c t ZKiY

wbePZ Rng Pvi ctk mvarvi YZt Dp cvo ei AvBj \_vK| h̄ tKv\_vl cvo fvzv ev wPz vK Zvnj Dp l k3 Kt AvBj evtZ nte thb AwZ ejv ev eb vq cweZ bv nq| tPZi cwb tei nl qvi ct\_ evtki evbv w tZ nte hvZ gRj KZ gvo tei ntq thZ bv cti | ZvQvor AwZwi 3 cwb tei nl qvi Rb cwe tKv cBtci e e v KitZ nte Ges cvBtci gtl bvBj tbi Rv j teva w tZ nte |

AwMvQv wqsy | MZQlb

el Kvtj Rng c wZ \_vKv d t j wewfbcaitYi AwMvQv Rb vq| G mg - AwMvQv t j vK KngK kgi gva tg wqsy KitZ nte| mvarvi YZ: Rngi bPz Astk AvqZb Abmvti 2-4 kZvsk RvgMv MZKt vKtZ nte| GtPZi gvo Pj vPj i Rb vj vi ctqRb nq bv| MZQlb gvtQi Avkq - j mmvte e e vZ nq vK| gvo aitZI mjeav nq| ZvQvor eo gvo wev Kivi ci tQvU gvo t j vK MfZt i tL eo Kiv hvq |

Rng Zwi

Rngi mg - AwMvQv mvi tq tdtj fvj fvte Pvl I gB w t q Rng Zwi KitZ nte| RngtZ tkl Pvl i mgq cZ kZvstK 450-550 Mg wGmrc Ges 250-300 Mg Ggmc mvi ctqM KitZ nte| GQvor 600-700 Mg BDw qv avb j wMvbtvi ci mgvb wZb KtZ A\_F avb tvc tbi 30-35 w b, 45-50 w b Ges 60-65 w b cti ctqM KitZ nte |

avtbi RvZ wbePb I t vcb

teviv tgsmg Rb mvarvi YZ: Dp dj bkxj RvtZi avbB Dchb | GRb weAvi -3 (wece), weAvi -11 (gjv) | weAvi -14 (MvRx) ctZ RvtZi avb wbePb Kiv hvq| avtbi Pvi mvi exvte Ges mgvb t Zij wMvZ nte| GRb tMvQv t tK tMvQv t Zj 15-20 tmwg. Ges mvi t tK mvi t Zj 20-25 tmwg. i vL tZ nte |

avb tPZi c wPhP l avb KvUv

avtbi c wPhP Rb tPZi AwMvQv, tcvKv-gvKo I t vMevj vB `gb KitZ nte| avtbi dj b evx i Rb wZb KtZ nte| BDw qv mvi ctqM KitZ nte Ges RngtZ ctqRbgZ t mP w tZ nte| avb KvUv mgq avtbi tMvQv GKUyj s t tL

KvUtz nte| Zvnj cieZQZ gQ Pvl i Rb" RngZ cwb w'tj arbi tMvov cP Mfq cPi cWUb RbWZ cvi hv gvtQi Drcv` tb mnwqK fngKv cvj b Kti |

gQ Pvl

avb KvUvi ci gQ Pvl i Rb" Rngi cwb wMgb ct\_ era w'tq Rngi cwb Mi xi Zv evovZ nte hZ arbi tMvov ZvovZwo cP Mfq gvtQi Lv` Drcbeng|

cRmZ wbePb | gRy NbZi

G cxWZtZ avb | gQ Avj v` fvte Pvl Kiv nq ej gQ Pvl i Rb" cwb Mi xi Zv teuk ivLv nq| GQvov gvtQK ctq 6-7 gwm chS-A\_F avb j Mtbvi cechS-tPZ ivLv hvq| ZvB gj vi m% i"B, KvZj v, gMj, wgi KvcQl micU gvtQi tcbr GKtT Ges AfcPvKZ teuk gRy NbZi Pvl Kiv thZ cvi | GRB" cQZ kZtK 60-65 wU gj v, 4-5 wU i"B, 3-4 wU KvZj v, 2-3 wU gMj, 5-6 wU wgi KvcQl 10-12 wU micU gRy Kiv hvq|

gvtQi cwi PhP

gvtQi "fweK ejx i Rb" cwbZ thb cKwZK Lv` eRvq \_tK Zvi Rb" cQZ kZtK 15 w b cici 100 Mø BDwi qv, 60 Mø wGmci cQqM KitZ nte| Zvi m% 1.0-1.5 tKwR tMvei cQqM KitZ cvi tj fuj nq| Awak Drcv` b cvl qui Rb" mæuK Lv` nnmte Pvj i Kow/Mtgi fym Ges mwi lvi `Lj 2t1 AbgrZ gvtQi tgvU IRtbi kZKiv 3-5 fM nvi cQqM KitZ nte| gvtQi Lvevi tQvU ej AvKvti wbr@ mgfq | wbr@ KtqKwU \_tKb cQqM Kiv DnPZ|

gQ Avni Y

avb j Mtbvi Rb" Rngi cwb Aí Aí Kti Kvgtq gQ ati tdj tZ nte| gQ Lø tfvi ai tj gQ mZR \_tK Ges `vgI teuk cvl qv hvq| w tb mthP Zitc gQ ZvovZwo bo nq, dtj gvtQi evRvi gj" Kg nq| G cxWZtZ gQ Pvl Kitj 6-7 gvtmi gta" cQZ kZtK 6.2-6.7 tKwR gvtQi Drcv` b cvl qv hvq|

avbtPZ tQvU gQ Pvl i mgm"

avbtPZ tQvU gQ Pvl wKQymgmvi mæuKb ntZ nq| thgbN

- elKvti AwZ ejotZ avb tPZi cwb AvBj DcPq ev eb"q cweZ ntq gQ tei ntq thZ cvi |
- Livi ev AbvejotZ tPZi cwb iKtq gRy KZ tcbr gvi thZ cvi |
- KvKov I B`j tPZi AvBj MZ^Kivi dtj cwb tei ntq thZ cvi | Zvovov cwb Ktg tMj mvc, evo, eK, wKqij BZ" w mntR gRy KZ tcbr tLq tdj tZ cvi |
- Avb tPZ tcvKv-gvKto AvwpgY ntj KvUbvKK eenvi Kiv gvtQi Rb" SIKCYnq \_tK |
- mntR gQ Pvi ntq thZ cvi |
- avb tPZ gQ Pvl Rngi gwj K I eMPvlxi gta" mgtsvZvi Afve cwi j wZ nq|

## wdePvU©Cwi Kí bv

<p><u>avb tPfZ tQvU gvtQi PvI</u></p>	<p><u>avb tPfZ gvtQ PvI i mjeav</u></p> <ul style="list-style-type: none"> <li>• evovZ dmj gvtQ</li> <li>• KxUbvkK I wbovbx LiP Kg</li> <li>• gvtQi weóvq tPfZi DePZv ejx</li> <li>• evovZ cJri cJqyRb nq bv</li> <li>• mgvšZ evj vB e'e`vcbv KvhRi</li> </ul> <p><u>avb tPfZ gvtQ PvI i cKvi tf</u></p> <p>hMcr cxiZ: G cxiZi mjeav- Áí ktg `vJ dmj cvl qv hvq, gvtQ AwbóKvix tcvKv-gvtQo tLtz tdtj, gvtQi gj %Re mvi, cwbZ Aw tRb I cjo Dcv`vb teo hvq, LiP Kg nq, dj b ejx nq  </p> <p>chfqug cxiZ: G cxiZi mjeav- B"Qv gvtZv cwb i vLv hvq, KxUbvkK cJqvtM Amjeav nq bv, gvtQi gj avtbi Rb" mvi, RgtZ AwMvQri Dc`e Ktg hvq, avtbi tMvov cIP cWUb RbVq, mgvR wvEK gvtQ PvI mjeav  </p>																								
<p><u>hMcr cxiZ tZ avtbi mfh tQvU gvtQ PvI e'e`vcbv</u></p> <ul style="list-style-type: none"> <li>• Rgt wbePb: AtcPvKZ mgZj fng, ebvgj Gj vKv, GtUj ev t`vAvk gvtQ, 4- 6 gvtQ cwb _vKt, vqz Rj vavti i e've`vKv DvPZ  </li> <li>• Rgt cTzKiY</li> <li>• AvBj wbgvY: D"Qv 50 tmig.  </li> <li>• MZ©I bij v wbgvY: Rgti bxPz Asfk 1-2% Gj vKv Rto 75-95 tmig. Mfxi MZ©KtZ nte, bij v _vKt, MtZP mvf_ bvj vi msfhM _vKt  </li> <li>• Rgti bij v I MZ©Kvi DfK: Zvcgvv teo tMtj gvtQ bij /MtZ©Avkq wbtZ cvt, MtZ©GKvGZ Kt mnRB aiv hvq  </li> <li>• mvi cJqyMv cJZ KZtK 6-7 tKvR tMvi, 600-700 Mg BDvqv, 400-500 Mg wGmwc Ges 200-250 Mg Ggic  </li> <li>• avtbi RvZ wbePb I PvI tvcv: weAvi -3 (vece), weAvi - 11 (gvY) I weAvi -14 (MvR); tMvQri `+Zj 15-20 tmig. mvi t_kK mvi i `+Zj 20-25 tmig.</li> </ul>	<p><u>gvtQi cRwZ wbePb I tcvbv gRj</u></p> <p>wePv wI qñ `Z eaBkjx, Kg Mfxi cwbZ Af`-Zvcgvv I cwi tek Zvi Zg mn Kivi PvgZv, avtbi PwZ Kt bv  </p> <p>gj vi wgtPvI gRj NbZj(cJZ kZtK)</p> <table border="1" data-bbox="882 1015 1334 1227"> <thead> <tr> <th colspan="2">bgPv-1</th> <th colspan="2">bgPv-2</th> </tr> <tr> <th>cRwZ</th> <th>msLv</th> <th>cRwZ</th> <th>msLv</th> </tr> </thead> <tbody> <tr> <td>gj v</td> <td>50-60</td> <td>gj v</td> <td>60-64</td> </tr> <tr> <td>wgi i Kvc©</td> <td>6-8</td> <td>wPsmo</td> <td>36-40</td> </tr> <tr> <td>mi cJU</td> <td>10-12</td> <td>-</td> <td>-</td> </tr> <tr> <td>tgvU</td> <td>66-80</td> <td>tgvU</td> <td>96-104</td> </tr> </tbody> </table> <p><u>e'e`vcbv</u></p> <ul style="list-style-type: none"> <li>• cwb mjeav: RgtZ KgtP 18 tmig cwb _vKt  </li> <li>• Lv` cJqyM: t`tni I Rtbv 2-3% nvti Lj I Kdv 1:2 AbcvtZ cJZv b  </li> <li>• tcvKv-gvtQo `gb: KxUbvkK cJqvtMi 4-5 v b ci RgtZ cwb wbtZ nq, Wj er KvA cJZ i vLv  </li> <li>• gvtQ Avni Y: GK dmj v- 1.30- 2.60 tKvR/kZK, vdmj v-2.40- 2.80 tKvR/kZK  </li> </ul>	bgPv-1		bgPv-2		cRwZ	msLv	cRwZ	msLv	gj v	50-60	gj v	60-64	wgi i Kvc©	6-8	wPsmo	36-40	mi cJU	10-12	-	-	tgvU	66-80	tgvU	96-104
bgPv-1		bgPv-2																							
cRwZ	msLv	cRwZ	msLv																						
gj v	50-60	gj v	60-64																						
wgi i Kvc©	6-8	wPsmo	36-40																						
mi cJU	10-12	-	-																						
tgvU	66-80	tgvU	96-104																						
<p><u>chfqug cxiZ tZ i "B RvZq gvtQi wgtPvI</u></p> <ul style="list-style-type: none"> <li>• Rgt wbePb</li> <li>• Rgt cTzKiY</li> <li>• AvBj evav I evtki evbv t`vq</li> <li>• AvMvQv wbgvY I MZ©Lbb</li> </ul> <p><u>avb PvI -</u></p> <ul style="list-style-type: none"> <li>• Rgt Zix</li> <li>• avtbi RvZ wbePb I tvcv</li> <li>• avb tPfZi cwi PhP I avb KvUv</li> </ul>	<p><u>gvtQ PvI</u></p> <ul style="list-style-type: none"> <li>• cRwZ wbePb I gRj NbZj</li> <li>• gvtQ cwi PhP</li> <li>• gvtQ Avni Y</li> <li>• avb tPfZ tQvU gvtQ PvI mgm v</li> </ul>																								

## Añatekb cwi Kí bv

w b t 3

mgq t 10t00-11t00

tgqr` Kvj t 60 wgbU

wk̩t̩i vbg	t %K, wks I gv,i gvtQi Pwl e'e^-vcbv-1
Awfó`j	t grm" Añatekb I Ab'vb" ms^-vi KgRZP`
j pi"	t cikpiYi xP i‡K ^K, wks I gv,i gvtQi Pwl myear I , i"Zi Ges gRj ce^e^-vcbv m¤ú^KZ avi Yv cÖvb Ki v h‡Z Zv v G Ávb KvtR j wM‡q gwQ Pwl t` i cikpiRbxq mnthwMxZv Ki ‡Z cv‡i b
D‡i k"	t G Añatekb cikpiYi xP ^K, wks I gv,i gvtQi Pwl myear, A_‰nZK I cjoMZ , i"Zi m¤ú^KZ Z_ wñE^K Ávb Avni Y Ki‡eb Ges G m¤ú^Kej ‡Z cv‡eb I gwQ Pwl t` i tkLvtZ cv‡eb

wel qmip	Avtj wP wel qmgn	cikpiY cxiZ	mgq
fngKv			5 wgbU
	<ul style="list-style-type: none"> <li>‐Mzg</li> <li>ce^Zr Añatekb i cbiutj wPb</li> <li>Pj wZ Añatekb AeZvi bv</li> <li>Añatekb D‡i k" e^vLv</li> </ul>	E^3 Zv I cikpiEi	
wel qe^-			50 wgbU
	<ul style="list-style-type: none"> <li>%K, wks I gv,i gvtQi Pwl myear</li> <li>A_‰nZK , i"Zi</li> <li>Pvtl i myear</li> <li>%K, wks I gv,i gvtQi gRj ce^e^-vcbv</li> </ul>	e^3 Zv I cikpiEi tKskj	
mvi mstpiC			5 wgbU
	<ul style="list-style-type: none"> <li>D‡i k" hvPvB</li> <li>gj wel q cbiutj wPb</li> <li>n^vU AvDU weZi Y</li> <li>cieZr Añatekb i mvt_ msthwM ^vcb</li> <li>ab^ev` Ávcb</li> </ul>	cikpiEi tKskj	
cikpiY mnvqK mgM t tnvgvBU teW© wdeKvW© gwKv , n^vU AvDU BZ^w`			

%K, wks | gv, i gv#Qi PvI e"e^-vcby-1

Pyl moreby

evsj v tki cj xGj vKvq AmsL cKi I xN i tqQ, th, tj vi GKU Dfj HhM Ask ^K, wks I gv,i gvQ PvI i Dchj^3 Ges GmKj ck^t i Dbz mbvZb c xWZ Ksev Avav-wbneo c xWZ fZ gvQ PvI Kiv hvq| G mKj ck^t i Dbz c b^3 e enit i i gva^tg Drcv` bkxj Zv epi i cikvcmk weAvb m^Zfv^e ^K, wks I gv,i PvI Kiv m^e| Mtel Yvq t Lv tM^Q th, Avav-wbneo c xWZ fZ ewn^Kfvt^e ^K gv^Qi Drcv` bkxj Zv tn^i c iZ 6-7 tgwUK Ub Ges t kx wks I gv,i Drcv` bkxj Zv 5-6 tgwUK Ub|

%K,iks I gv,i gvQ Avgv‡`i ‡`tk Rbmc‡`i  Rj gvQ0 nmvte cwiPZ| Avevm-`j ms‡KvPb, cwi tekMZ wechq,  
c‡KZK Rj vkgmgn fiU Ges Lvj -ej cwbkb` nI qvq G mKj gvQ `\*Z nvi tq hv‡`O| AZxtZ Gme †`kxq cRwZi  
gv‡Qi PvI m‡c‡vI Y I msI ¶‡Yi weI tq tKDB tZgb, i`Zj‡`qib| PvI c‡wZ‡Z Gme gvQ A\$F‡` K‡i Drci` b evovt bv  
GLb mg‡qi `ver| D“P evRvgj”, e‡ck Pvn`v I AZ-`S-j vfRbK nI qv m‡Zj tcvbi Ac‡j Zvi Kvi †`Y G mKj  
gv‡Qi PvI Avgv‡`i c‡vbi j vf Ki‡Q bv| Z`yvii evsj †`ki wevfbaGj vKvq GmKj gvQ Pv‡I PvI xMY tek Drmvn ntq  
DtV‡Qb| c‡y<sup>3</sup>MZ I wevfbaKj vfKskj m‡utK‡ZwE`K I e`envi K c‡k¶Ymn c‡vgk‡c‡vb Ki‡Z cvi †`j GmKj gvQ  
PvI Avgv‡`i e`vcKv‡te m‡c‡vI Y j vf Ki‡e|

mi Kwí I ḱemi Kwí ch̄q %K, wks I gv, t̄ i Kw̄g c|Rbb, t̄cvb Drcv` b I PvI ver` Kiv nt̄Q hv DrmvnRbK | WKS G  
mKj gv̄Qi Kw̄g c|Rbb, t̄cvb Drcv` b I PvI ē-vcvbri I ci grm Pwl t̄ i mWk avi Yv bv \_vKvq Pwl iv `K, wks I  
gv, i gv̄Qi PvI ē-vcvbvq m̄fbəmqm̄vi m̄wLb nt̄Q|

%K, wks | qv, i qv+Qi , i "Zj

- %K, nks I gv, i gvtQi cjo, Y AtbK teik Ges tLtz Lpb mgy
  - Amy' I tivM gvtci ci -ft- i DbzI Rb" tivMxi c\_ " vntmte G mKj gvQ mgv` Z|
  - Aí -tbt AiaK NbtZi G mKj gvQ Pvl Kiv hqg meaq -f mgf q AiaK gbdv ARB maf e|
  - Aizni<sup>3</sup> kmb A½ \_vKvq G mKj gvQ evZvm t\_ik Aif tRb vbtq tetP \_vKtZ cifti, dtj Rxeš-Ae-vq evRvi RvZ Kiv hq|
  - Ab"vb" gvtQi Zj bvg G mKj gvtQi Pvn`v I evRvi gj" AtbK teik|
  - G mKj gvtQ Kg tivM evj vB t`Lvt`q I AiaK mnbkij Zv mafubd
  - f` kxq I AvšR@ZK evRvti G mKj gvtQi e"vcK Pvn`v i tqtQ|
  - evvR"Kfvté Rl j gvQ Pvtli e"vcK mafebv i tqtQ|
  - Avav-vbneo I vbeo cxtZtZ Pvl tPf@ AiaK Drcv`b Ges e"vcK Kgns-tibi mfhvM i tqtQ|
  - Rl j gvQ Pvl Kfj `vni^vetaqPb I Kgns-tibi mfhvM mijó Kiv hq|

%K, wks | gv, i gvQ Pv¶l i mleav

- tQvU-eo th tKib ai tYi Rj vktq GgbwK tPSevPvq ev LuPvtZI G mKj gvQ Qi PvI Kiv hvq|
  - evsj vt tki gwJU, Avenvl qv I Rj evqyG mKj gvQ PvI i AZ''S-DcthvMx|
  - tgSmjg cKi, ewl R cKi, AMfxi Rj vktqI G mKj gvQ PvI Kiv hvq|
  - ^t Mfxi Zv m=ubocKti AuaK NbTzjmnRB PvI Kiv hvq|
  - weisc cwi tektki cwbtZ Giv ^Qf ^emewm KitZ cti |
  - %K gvQ I wks gvQ GKK PvI Ges gv,i wglPvI PvI DcthvMx|
  - %K gvQ 4 gvtm Ges wks I gv,i gvQ 7-8 gvtm Lvevi DcthvMx I evRvi RvZ Kiv hvq|
  - %K, wks I gv,i gvQ evWvR^Kfvte PvI Kti AuaK j vfevb nI qv hvq|
  - wks I gv,i gvQ i "B RvZxq gvtQi mvt\_PvI Kti I AwZwi<sup>3</sup> gpbvd ARB Kiv hvq|
  - DbZ e'e^tcbv tKSkj cQqtm PvI Kitj GmKj gvtQ tivm nI qv mafebv Kg \_vtK|
  - AuaK NbTzj PvI i gva^tg m=ut` i meuaK eenvi wbuDZ Kiv hvq|
  - RweZ Ae^tq evRvi RvZ Kiv mthwM\_vKvq GmKj gvtQi Pvn`v tenk \_vtK|

%K, wks I gv,i gvtQi Pvl cXwZ

%K, wks I gv,i gvtQi GKK Pvl GLbI e'vcK cPj b nq bvB| Pwl i AvfÁZv I Aw\_K Ae~vi I ci wfE Kti GmKj gvQ `Bfvte Pvl Kiv thZ cv|i | Ab~ thKvb gvQ Pvl i mv\_x dmj wnmte %K, wks ev gv,tii thKvb GKU wbePb Kiv thZ cv|i | thgb i "B RvZxq gvtQi wgtPvl i cKti GKc 2,000-5,000 wRl j gvtQi tcvby Qov thZ cv|i | GtPfI Gf i Lvetii wltq cKf vte wtePbv Kiv cQyRb cto bv| i "B RvZxq gvtQi wgtPvl i Abj "c cVwM gvtQi mv\_l mv\_x dmj wnmte wRl j gvtQi th tKvb GKU cRmZ Pvl Kiv thZ cv|i | GtPfI Gf i Lvetii wltq cKf vte wtePbv Kiv cQyRb cto bv| eZgib G cXwZ tek RbwcZ j vf KtIt0 Ges Pwl MY Aw\_K fute j vf evb ntl0| Gi avivewnKZvq GmKj gvQ wtkl Kti %K Ges wks Gi GKK Pvl t'ki AtbK RvqMq cñhi j vf KtIt0| GmKj gvtQi Avav-wbweo GKK Pvl i Rb~ wbtgc cXwZ AbjY Kiv thZ cv|i |

%K, wks I gv,i gvtQi tcvby msMh I cIZcvj b

%K, wks I gv,i gvtQi Pvl i Rb~ Dchj3 AvKv|i i tcvby mnRj f~ bq Ges cVl qv tMtj I Zj bvqj Kf vte `vg teuk| tmRb~ mgqgqZ Dchj3 AvKv|i i tcvby cñB wboZ Kiv Ges Drcv`b LiP Kgfbv Rb~ tQlU AvKv|i i tcvby msMh Kti %K, wks I gv,i gvtQi tcvby bwmñi cKti 20-21 w b cIZcvj tbi ci Pvl i cKti gRj Kiv DÉg| bwmñi cKti hLb %K gvtQi tcvby tjtj 2.5- 3.0 tmig. AvKv|i i nq ZLb gRj cKti ~bvsit KiZ nq| wks gvtQi tcvby eqm bwmñi cKti 30-40 w b ntj Zv gRj cKti ~bvsit i thM nq| Ab~ tK gv,i gvtQi tcvby eqm 25-30 w b ntj Gf i gRj cKti ~bvsit KiZ nte| th tKvb Drm t'K tcvby msMh I cwi entbi tPfI wnfbec cXwZ Aej ab Kiv hvq| Drm~j t'K gRj cKti i jZi hZKg nq wtkl Kti %K gvtQi tcvby gZi nvi ZZ Kg nte| AwAK `jZi cwi entbi tPfI gZj nvi teuk nq| cPfI wks I gv,i gvtQi Zj bvqj Kf vte teuk `jZi cwi entbi Kiv mnR|

%K, wks I gv,i gvtQi tcvby cwi entbi i "B RvZxq tcvby cwi entbi gZ ntj I GKUwfbZ i tqtl0| Zvi KvUjh3 nl qvq eo AvKv|i i tcvby Aw tRb e'vM cwi entbi tPfI wtkl mZKZv Aej ab KtZ nq| wks I gv,tii tQlU tcvby Aw tRb e'vM cwi entbi KivB DÉg|

bwmñi cKti cIZ

%K, wks I gv,i gvtQi Pvl i Rb~ 3.0 ntZ 5.0 tmig. AvKv|i i tcvby AZS-DcthwMx| Dfj wZ AvKv|i i tcvby mnR cVl qv hvq bv weavq wR~^bwmñi xZ tcvby cIZcvj b Kti tbqy thZ cv|i , dtj mwK mgfq mwK AvKv|i i tcvby cñBZ thgb myeav nq tZgib LiPI cto Kg| Gme gvtQi 10,000 w avbx tcvby gRj i Rb~ 10 kZtK GKU bwmñi cKti wbePb Kiv thZ cv|i | Ab~b~ gvtQi avbx tcvby cIZcvj tbi Abj "c bwmñi cKti cIZ mñubecKtZ nte| G Rb~ h\_vixZ cKti tmP c0vb Kti t'Ktq cwi gvb gZ Pb I Re mvi cQyM KtZ nte|

bwmñi cKti Lv~ cQyM

cKti avbx tcvby Qovi ci ntZ tcvby | Rtb 3 fvtMi 1 fvm nv|i w~t 3 ev|i fij gvtbi bwmñi Lv~ cQyM KtZ nte| avbx tcvby Qovi 25-30 w b Pvl i ci cRmZ tft tcvby 3.0-5.0 tmig. AvKv|i cwi YZ nq|

gRj cKti wbePb

D"p NbtZj %K, wks I gv,i gvtQi tcvby gRj i Rb~ cKti wbePb GKU , i "ZcYwIq| mnR cwb mieivn Ges wR~wkb Kiv hvq Ges Zj t'k Re c'v~ cwi givY Kg Gifc tetj , tetj -t`vAvk gwUi cKti G tPfI cñab~ w~tZ nte| wR~^DePv kw3 Kg AitQ Gifc cKti i cwb `jY mgmñi Kg ntq \_tK| wtkl Kti avb tPZtK AMfxi Rj vktq ifcišit Kti eZgib th gvtQi Pvl Kiv nt"0 tm aiYi Rj vktq wbePb Kiv thZ cv|i | Zte cKti wZ hvZiqvZ e'e~v DÉg ntZ nte Ges cwbZ chwB mthP Aw t'j v I evZm cñvni Rb~ tLvj vtgj v ntZ nte|

gRj cKti cIZ

Ab~b~ gvQ Pvl i gZB cKti cIZ KtZ nte Zte G mKj gvQ Pvl i tPfI cKti i Ktj metPfq fvij v nq, Zte cKti tmP w~tq grm~ kb~ Kti wbtj I Pj te| kZtK 1-2 tKwR nv|i Pb cQyM Kti cKti i Zj t'ki gwUi mv\_ fvti vfvte wguktq w~tZ nte| i Ktj bv cKti ntj Pb cQyM 3-4 w b ci cwb mieivn e'e~v KtZ nte|

## tcvbv gRj

G K\_v mZ th, Pv̄l i D̄Eg dj vdj wfP K̄ti fv̄j gȳbi ex̄Ri lci | Zte tK̄sij Zw̄EKfite w̄i x tcvbv c̄B wfP Z Kīt̄Z n̄te | G Rb wfP Ri bwm̄i c̄K̄ti tcvbv Dr̄c̄`b bv Kīt̄j cwiPZ, w̄ek̄`I wfP thM tcvbv Dr̄c̄`b Kvi xi wfKU n̄t̄Z tcvbv msM̄i KivB D̄Eg | tcvbv Qrovi NbZj m̄uYfite wfP K̄te Lv̄vixi gȳQ Pv̄l i Av̄fAZv, Aw̄R ^Qj Zv, gȳQ Pv̄l i AvM̄, c̄K̄ti i gw̄l i c̄mbi ,Y Ges m̄eCw̄i Pv̄l ēe tcvbv cxiZi lci | w̄iYR^K fite ^K, w̄ks gȳi gȳt̄Qi GKK Pv̄l i Rb c̄K̄ti c̄t̄Zi 4-5 w̄ b ci wfgen̄ti tcvbv Qrovi th̄Z c̄ti |

%K gȳt̄Qi GKK gRj n̄vi

Pv̄l i c̄K̄Z	gRj NbZj (kZtK)	gše"
gWj -1	250-300	
gWj -2	400-500	c̄mb c̄wi eZfbi ēe^-v _vK̄t̄Z n̄te

c̄K̄ti i c̄mbi c̄t̄Ztek (Ecosystem) f̄it̄j v iLvi Rb ^K gȳt̄Qi m̄t\_ kZtK 2-3 w̄j w̄mj f̄vi Kv̄cP 6"-7" AvK̄t̄i i tcvbv Qrovi th̄Z c̄ti | GLv̄t̄b D̄t̄j E th, ^K gȳt̄Qi m̄t\_ mw\_ dmj w̄m̄ite c̄t̄Z kZtK t̄ kx gȳi 20 w̄j A\_ev w̄ks 10 w̄j gRj Kiv th̄Z c̄ti |

w̄ks gȳt̄Qi gRj n̄vi

Pv̄l i c̄K̄Z	gRj NbZj (kZtK)	gše"
gWj -1	300-400	
gWj -2	400-500	c̄mb c̄wi eZfbi ēe^-v _vK̄t̄Z n̄te
gWj -3	w̄ks 200 w̄j + %K ev c̄v̄wm 100 w̄j	c̄mb c̄wi eZfbi ēe^-v _vK̄t̄Z n̄te
gWj -4	w̄ks 50 w̄j + iB RvZxq gȳQ 40 w̄j	

gȳi gȳt̄Qi gRj n̄vi

Pv̄l i c̄K̄Z	gRj NbZj (kZtK)	gše"
gWj -1	150-200	
gWj -2	250-300	c̄mb c̄wi eZfbi ēe^-v _vK̄t̄Z n̄te
gWj -3	gȳi 150 w̄j + %K ev c̄v̄wm 100 w̄j	c̄mb c̄wi eZfbi ēe^-v _vK̄t̄Z n̄te
gWj -4	gȳi 50 w̄j + iB RvZxq gȳQ 40 w̄j	

tcvbv gRj Kyj xb Ki Yxq

gRj Kyj xb mḡt̄q tcvbvi gZj n̄vi Kgv̄bvi Rb wfq w̄Z ēe^-v M̄Y Kiv th̄Z c̄ti

- c̄wi enb RbZ Kvi t̄y tcvbvi kix̄ti P̄Z n̄t̄Z c̄ti, tm Rb tcvbv Qrovi c̄te^1 w̄icGg n̄ti c̄w̄kqvg c̄vi ḡv̄t̄bZ t̄M̄mj Kvi t̄q tcvbv QrofZ n̄te |
- h̄w̄ m̄e nq tcvbv Qrovi mgq t̄K 10-12 Nw̄j c̄K̄ti n̄j Kv c̄mbi c̄vn iL̄t̄Z n̄te |

tcvbv Qrovi mgq

W̄Uv Avenvl qv̄ w̄t̄bi th t̄K̄b mḡt̄q tcvbv Qrovi th̄Z c̄ti | Zte mKj A\_ev w̄K̄t̄j tcvbv Qrovi D̄Eg | `c̄t̄i i t̄t̄` f̄vcmv Avenvl qv̄, Ameing ew̄i mḡt̄q c̄K̄ti tcvbv bv QrofB D̄PZ | c̄K̄ti tcvbv gRj i ci 1-2 w̄ b c̄K̄ti tcvbvi gZj n̄vi ch̄eP̄Y Kiv `i Kvi | tcvbv gZj n̄vi tekx nt̄j c̄bi vq mgc̄wi gY tcvbv Qrovi ēe^-v K̄t̄Z n̄te |

NUbv wekH t tQvU gvo Pvl bvbmgqvi mdj Zv

Kyj H Rj vi ei "ov DctRj vi K'vúZj x Mfgi wbfZ cj H emevm bvbmgqvi | hvi ctiv  
 bvg tgvt Awn'vgb f-Tv| tckv vQ wKv vix | BtUi e'emv| wKš tmLv b wZib cvbwb  
 Avkvbjfc mdj Zv| NUbv cén 1995 Lt| weGwimZ KgPZ wKUvZlq teovZ Gtm wPz  
 avbx Rng t tl tmLv b avb t l Z gvo Pvl i e'cvit ZvK cvgk® q| Zvi ci bvbmgqmv  
 mv\_ OjtU hvb DctRj v grm` Bti | Zut i msukéZvq Mto tZtj b 5 GKI AvqZtbi avbx  
 RngtZ t L i agv i cvo DPz Kti 3 w cKi | i" Kti b tmLv b KtC® wK® Pvl | w b  
 hvq, evto Drmn I Dl xcbv| 1997 mvj, Drcv` b nq KtC® I cvzim wK Pvl 11 tgt  
 Ub/GKI | Zvi ci nVr Zvi mgv b GKv b nwRi nb grm| cimv gSYvj tqi mPe |  
 grm Awa`Bti i gnvcwi Pvj K| Zut i wne o mnPth®I AbtcYvq gvo Pvl i Dl xcbv teo  
 hvq KtqK Y| wbePZ nb Kyj H Rj vi tkö grm Pvl x, mtz tRj v grm` Bi KZR  
 cibKZ grm ctpi tkö grm Pvl cj wi | RvZq chqj wZib cj ® vi jvf Kti b vevi |  
 tcQtb tdivi Avi AeKvk tbB| mgv q mthz cvj H tq gvtqi Drcv` b evotZ vK µgvstq|  
 bZb bZb Z\_, cby3 I ev-eZv Dcj wa Ges tevk j vfi Avkvq 2003 mvj i" Kti b K,  
 Gici wks Ges Zvi ci gv i Pvl | eZv b hvi 20 GKti K, wks i gv, tii Pvl vev` Ges  
 2007 mvj t cwi mti tcibv Drcv` b| 2008 mvj, GLb wZib K, wks, gv, tii cRbb,  
 tcibv cÖZcij b I Pvl i Rb mpcZwZ| Zvi Z\_ gtZ, 2007 mvj 15 GKti 120 w tb K  
 Gi Drcv` b 45 tgt Ub, wks 8 tgt Ub Ges Abv Kvc®gvQ 10 tgt Ub| hvi megvU weq  
 gj cib 1 tKwU UvKv; hvi gta LiP nq gvt 40 j P UvKv| bvbmgqv GLb Gj vKvi Me® Zvi  
 t Lv-t wL i cvgtk®Mto DtvQ tQvU gvtqi Atbk tQvU-eo grm Lvvi | K\_v, tji ej tZ  
 wMq bvbmgqv Kxvfti tsi Y Kti b grm Awa`Bti i KgRZ® i mwe® mnthwMZv |  
 ZEveavb| Zvi Drmn Dl xcbv | Drcv` b mdj Zvi Kwnbx ei "ovi MwU tcvi tq evsj vt k  
 wevfbegj vKvq Qvotq hve G nDK Avgt i mKtj i cÖvkv| Mto DVK kz kz mdj tQvU  
 gvo Pvl ; cY nDK cjo i wDqZmn A\_wZK mdj Zv|

nde PvU<sup>c</sup>wi Kí bv

<p>%K, wks I gv, i gvQ PvI e"e^-vcbv-1</p>	<p>PvI mætebv</p> <ul style="list-style-type: none"> <li>• t`tk AmsL MægxY cKi i tqtQ th, tj vtZ ^K, wks I gv, i gvQ PvI Kiv mæte  </li> <li>• %K Gi Drcv bkJ Zv cld- 6 tgjUK Ub/ tnt Gi teuk  </li> <li>• wks I gv, i gvQ PvI i Drcv` bkJ Zv cld 5-6 tgjUK Ub/ tnt</li> <li>• PvI i mæcħħvi b NUtQ  </li> <li>• Avtiv e'vck mæcħħi Y mæte  </li> </ul>
<p>%K, wks I gv, i PvI i myear</p> <ul style="list-style-type: none"> <li>• me ai tYi Rj vtq PvI Kiv hvq  </li> <li>• evsj vt`ki Rj evqy PvI i DctħwM  </li> <li>• t`f Mfxi Zv mæubaq Kti AiaK NbtZj PvI Kiv hvq  </li> <li>• wejx cwi teħki cwbZi Giv mntr emewm KiZ cħi  </li> <li>• %K gvQ GKK PvI Ges wks I gv, i wqk^PvI PvI DctħwM  </li> <li>• %K gvQ 4-5 għid Ges wks I gv, i gvQ 5-6 għid Lvevi DctħwM nq  </li> <li>• %K, wks I gv, i gvQ ewiR Kfifte PvI Kti AiaK jvfevb nI qv hvq  </li> </ul>	<p>%K, wks I gv, i gtQi i "Zi</p> <ul style="list-style-type: none"> <li>• %K, wks I gv, i gtQi cjo, Y AħbK teuk Ges myi`  </li> <li>• tħixi c_ mntme G mKj gvQ mgħix Z  </li> <li>• AiaK NbtZj G mKj gvQ PvI Kiv hvq  </li> <li>• G mKj gvQ evZm t_tK Aw tħbi tgħid tħalli KZ cħi  </li> <li>• Ries-Ae tqi evRvi RvZ Kiv hvq  </li> <li>• Pwni v I evRvi gj AħbK teuk  </li> <li>• AiaK mnibkj Zv mæubaq</li> <li>• ewiR Kfifte e'vck PvI mætebv  </li> <li>• Avav-ibnejo I ibnejo PvI DctħwM  </li> <li>• Kgħis-vi bi mħiġi i tqi Q  </li> </ul>
<p>%K, wks I gv, i gtQi tcibv msMħ I cħZcij b</p> <ul style="list-style-type: none"> <li>• tcibv cħiB mnRj f` Kiv  </li> <li>• e"q Kgvibni Rb tħali tcibv msMħ Kti cħZcij b Kiv  </li> <li>bvni cKi cħiZ</li> <li>• cKi i Kgvibni, Pb cħaqiM, Re mvi cħaqiM  </li> <li>• gtQi tgħiU I Rħbi 10% nifti 3 evi bvmi Lvevi cħaqiM  </li> <li>• bvmi cKti 25-30 b cħZcij b  </li> </ul>	<p>gRj ce"e^-vcbv</p> <ul style="list-style-type: none"> <li>• gRj cKi ibepPb <ul style="list-style-type: none"> <li>- mntr cwb mi eż-żi l-ibMgħib e"e^-vhix</li> <li>- tħej c`v k Kg Dcħi-Z</li> <li>- tħej -t`v Aħk għu cKi</li> <li>- DEx ħvZqiq Z e"e^-v</li> <li>- chix Aħej v-erZi mi Dcħi-Z</li> </ul> </li> <li>• gRj cKi cħiZ <ul style="list-style-type: none"> <li>- cKi i Kgvibni I Pb cħaqiM</li> <li>- cwb cħek</li> </ul> </li> <li>• tcibv gRj <ul style="list-style-type: none"> <li>- f'id jvgtibni tcibv ibepPb</li> <li>- ibħi cħZcij b ev</li> <li>- wekk-Drm t_tK tcibv msMħ</li> </ul> </li> <li>• tqibv gRj nni <ul style="list-style-type: none"> <li>- %K gtQi gRj nni</li> <li>- wks gtQi gRj nni</li> <li>- gv, i gtQi gRj nni</li> </ul> </li> </ul>

## Añatekb cwi Kí bv

w b t 3

mgq t 11t15-12t15

tgqv` Kvj t 60 wibU

wk̥t̥iwbvg t %K, wks l gv,i gwQi Pvl e'e^-lcbv-2  
 Añfó `j t grm'' Añá`Bi l Abib ms-wi KgKZfe,  
 j pi t cikpiYi iK tK, wks l gv,i gwQ Pwf i gRj ci eZpe'e^-lcbv mwúKZ avi Yv cōvb Kiv hv‡Z  
 Zuiv G Ávb Kv‡R j wM‡q gwQ Pwl † i cikqRbxq mnthMxZv Ki‡Z cvi b|  
 D‡i k t G Añatekb cikpiYi ^K, wks l gv,i gwQ Pwf i gRj ci eZpe'e^-lcbv mwúKZ\_ wf‡EK Ávb  
 Avni Y Ki‡eb Ges G mwúK‡ej †Z cvi teb | gwQ Pwl † i tkLw‡Z cvi teb|

wel qmip	Añj vP' wel qmga	cikpiY cxiZ	mgq
fugKv			5 wibU
	<ul style="list-style-type: none"> <li>‐MZg</li> <li>ce@Zr^Añatekbibi cphiwj vPbv</li> <li>Pj wZ Añatekbibi AeZvi bv</li> <li>Añatekbibi D‡i k e'vL'v</li> </ul>	e³Zv   cikpiEi	
welqe^-			50 wibU
	<ul style="list-style-type: none"> <li>%K, wks l gv,i gwQi Lv'' e'e^-lcbv</li> <li>cwb e'e^-lcbv</li> <li>gwQ Pwf i SjK e'e^-lcbv</li> <li>gwQ Avni Y</li> <li>gwQ evRvi RvZKi Y</li> <li>Añ_R we‡kH</li> </ul>	e³Zv   cikpiEi †Kskj	5 wibU
mvi ms‡¶c			5 wibU
	<ul style="list-style-type: none"> <li>D‡i k hvPvB</li> <li>gj welq cphiwj vPbv</li> <li>n'vU AvDU weZi Y</li> <li>cieZr^Añatekbibi mw_- ms‡hvM^-lcb</li> <li>ab'er` Ávcb</li> </ul>	cikpiEi †Kskj	
cikpiY mnvqK mwgMÖ t tnvqBU teW©wdcKw©gvKñ, n'vU AvDU, BZw`			

## ^K, wks | gv,i gvtQi PvI e"e^-vcbr-2

Lv`" e"e^-vcbr

gvtQi AwaK Drcv` b c0Bi Rb" fvtj v extRi A\_wP tcbrvi thgb c0qyRb tZgbB fvtj vgtbi Lv`" i w0qZv weavb  
 Ri\_ix| gvtQi ^fweK ejxi Rb" Ab"b c0XyI b"vq Lv`" wbaZ gvtvq mKj cjo Dcv`vb \_vKv c0qyRb| gvtQ Zvi  
 ^wK ejx I cjo Rb" cKti c0B Lv`" i lci m"u"t"bfpkij | ewv"RKfite j vRbK Dcvtq gvtQ PvI KifZ tMtj  
 gvtQi gRy NbZj evotZ nte| %K gvtQi Gifc PvI i tPfI tKej gvt c0KuZK Lv`" i lci wbfP Kti fvtj v dj b  
 cvl qv m"e bq| wbeo gvtQ PvI m"u"t"K Lv`" i e"envi LpB , i"ZcY" G tPfI c0KuZK Lv`" i cirkvcwk m"g `vbr` vi  
 Lv`" c0qm Akek`K| m"g Lvevi c0qvtMi gva"tg w0 mgvtq K"lZ Drcv` b w0Z Kiv m"e nq| GQov m"l g Lvevi  
 c0qvtM Drcw` Z gvtQi Condition Factor mgvtq \_vK|

Lv`" cjo Dcv`vbi Drm

gvtQi m"u"t"K Lv`" c0tZ wefbocjo Dcv`vbi Rb" wefbocai"Yi Lv`" DcKiY e"envi Kiv ntq \_vK| Lv`" i G mKj  
 DcKiY c0bZt c0YRvZ Ges Dw"m" RvZ Drm t\_k K cvl qv hvq| Avgt i t\_k gvtQi Lv`" c0tZ euj fute e"euz  
 PvI i wgn KdV, Mtgi fjm, PvI i Lj, AvUv, mwi lvi "Lj, wZtj i "Lj, tmwqweb wqj , f"ev PY"cf"Z Dw"m" RvZ Ges wdk  
 wqj , Meat and Bone meal, Mew" ci i i"3 BZ" w c0YRvZ DcKiY| gvtQi t\_n ejxi Rb" Avgt i f"gv AZ" s-  
 i "ZcY" gvtQi Lv`" Avgt i cirkvcwk cwi gYgZ KK"v, Pv"ev d"vU, Vitamin I L"bR RvZq cjo Dcv`vb  
 cwi gYgZ Aek`B \_vKtZ nte| m"avi YZ`K, gvtQ Lv`" 30-35% Avgt i vKv c0qyRb| Kvi Y GmKj gvtQ  
 c0YR Avgt DrmRvZ Lvevi M"tY Af" + mPvPi e"euz wKQy Lv`" DcKiYi c0qyRb w0Pi m"vWtZ t\_qv ntj vt

Dcv`vb	Cjogvb %		
	Avgt	KK"v	Pv"ev
PvI i KdV	11.88	44.42	10.45
Mtgi fjm	14.57	66.36	4.43
mwi lvi "Lj	30.33	34.38	13.44
wZtj i "Lj	27.20	54.97	13.18
wdk wqj -G tMW	56.61	3.74	11.22
e"v wqj	63.15	15.59	0.56

Lv`" DcKiY wbePtb weteP" weI q

AwaKsk grm PvI m"u"t"K Lvevi wnm"te c0bZt mwi lvi "Lj, PvD"tj i KdV I Mtgi fjm e"envi Kti b| G QovI  
 AtbK gvtQ PvI Ggb wKQy Lv`" DcKiY e"envi Kti b, th\_tj v Aw\_R fute j vRbK bq, GgbwK tm,tj v AtbK mgq  
 cKti i cwi tefki Rb" PjZKt ntq \_vK| thgbt avtbi Zt gvtQi dj Kvi AwuKtq klm"tiva Kti gvtQi gZii Kvi Y  
 NUVq| Lvgti i wR"t"vM m"u"t"K Lv`" c0tZ Ktj cR"Z-wf"EK Lv`" i cjo Y wePvI Lv`" Zwi Kiv D"eg| cKti  
 m"u"t"K Lv`" c0qvtMi D"t"l k" ntj v gvtQi AwaK Drcv` b w0Z Kiv| tm Kvi tY gvtQi Lv`" wnm"te e"en"t i Rb"  
 DcKiY wbePtb mgq tek wKQyelq wetePbv Kiv DIPZ hv wbtgeD"tj LKiv ntj vt

- ^vbxq fute DcKiYmgtni c0PhZv
- DcKiYi c0qyvb
- DcKiYi Zj bvgj K gj"
- gvtQi Lv`" v"v'm ev cjo Pv"ev
- PvI i Aw\_R m"u"t"Z
- D"p Lv`" cwi eZ"b nvi
- DcKiYi AwKvi
- DcKiY msi tPfYi tgq"

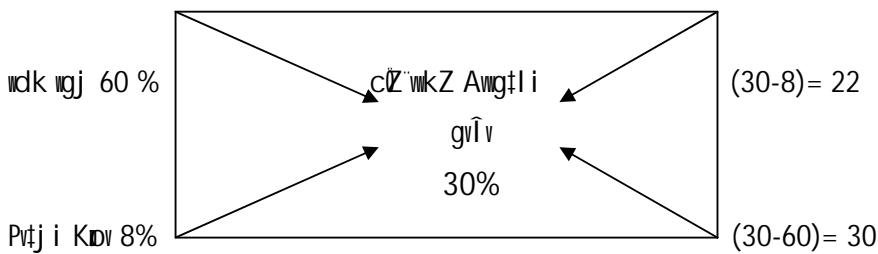
Lv` i cpgvb ibaf Y

Lv` cikZi Rb` bePZ DcKiYmgtni cjo Dcv`b AwgI metPq i "ZcY" e"qeuj | G Rb` gftQi Lv` "Zwi i mgq i agi AwgIi giv vnmve Kiv nq| gftQi Lv` "AwgIi giv vbfctYi Rb` tKibK mgxKiY cxiZ euj cPwj Z| GB cxiZ Pearson's Square Method (eM°CxiZ) bfg cwiPZ|

mcqimY eM°CxiZ

ai hK, wdkugtj 60% | Ptg i Kp 8% AwgI AwgI G ` M DcKiY e'enwi Kti Lv` %Zwi KitZ nte Ges cikZKZ Lv` AwgIi giv nte 30%

- GKU eM°AwkZ nte Ges cikZkZ AwgIi giv (30%) etMP givSLvtb wj Ltz nte|
- etMP evg cvtk® M DcKiYi bvg Zvt`i AwgIi giv vmn wj Ltz nte|
- cikZkZ AwgIi giv t\_k DcKiYi AwgIi giv metqM KitZ nte|
- metqM dj etMP DcKiYi vecixZ KvY A\_ etMP KitY tkl wj Ltz nte|
- metqM dj FYZK ntj Zv metePbv Kivi cikRb tbB|
- etMP Wbw tK msL v\_tj vtK thwM KitZ nte|
- AZtcI Wb w tKi thwMdj w tq KZKiv nvi tei KitZ nte|



GLvtb,

$$\text{wdk wj} = 22/52 \times 100 = 42.31 \text{ Ask}$$

$$\text{Ptj i Kp} = 30/52 \times 100 = 57.69 \text{ Ask}$$

AZGe, Lv` DcKiYi cwi giv

$$\text{wdk wj} = 42.31 \text{ Mdg}$$

$$\text{Ptj i Kp} = 57.69 \text{ Mdg}$$

$$\hline \text{tgiv} & = 100 \text{ Mdg}$$

mcqimY cxiZtZ Lv` msigktY Mdg/100  
Mdg ev % ati KitZ nte|

GLb, cikZkZ AwgIi giv mVK AwgI Kbv, Zv hPvB Kivi Rb` blyZ DcKiYi mft\_ Zvt`i bR^-^AwgIi giv/vni cY w tq thwM KitZ nte|

$$\text{wdk wj} = 42.31 \times 0.60 = 25.39 \text{ Mdg}$$

$$\text{Ptj i Kp} = 57.69 \times 0.08 = 4.61 \text{ Mdg}$$

$$\hline \text{tgiv} & = 30 \text{ Mdg AwgI}$$

máút K Lv`" Zix

tm mKj `é" grQtk Lvl qvtbvi Rb" evni t\_k K cKti mieiv Kiv nq, hv gvtQi TlqcY, ^mK epx mvatb KvR Kti Ges gvtQi tivM cTziva I cRbb mPqZv jvtf mnvqK fygKv iVL, tmmkj `é" K gvtQi máúj K Lv`" ej v nq | máúj K Lvevi `Bfite cTz Kiv thZ cvi |

K) evYiR"K Lv`" t eZgvtb temi Kwi Df`vM gvtQi Lvevi evYiR"Kfite cTz Kivi Rb" eú Lv`" vqj ^mCZ nftqf0| GmKj Kvi Lvbvq gvtQi eqfmi lci wifE Kti wifbeytbi Lvevi cTz Kiv nt"Q| gvtQ PwI MY Zvi PwI`v AbhVqk evRvi t\_k K wifbeytbi I `vgti Lv`" msMh Kti mnfRB cKti cTqM KifZ cvtib| Kvi Lvbvq cTz vctj U Lvevi cwbZ mnfR Mfj bv, ZfZ Lv`" i AcPq Kg nq Ges cwb mnfR bó nq bv| evbR"K fite vctj U Lvevi gvtQi cRwZ I eqm-tft` cjo Dcv`vb AvbymZK nfti mstkl\_ukvq Lv`" cwi eZB nvi (Food Conversion Ratio) teuk nq A\_F Zj bvgj K Aí Lv`" cTqfM AwaK Drcv`b wboZ Kiv hvq |

L) Lvgti cTzKZ máút K Lv`" t evRvti i vctj U Lvevi i cjoqv tNvI bvi mft\_ me mqg cjoqv mVK \_vtK bv| gvtQi eaB fvj tctZ ntj cTqyRbxq Lv`" DcKiYmgv evRvi t\_k K wifR"vctj U tgikb 0iv Lv`" Zvi Kiv metPtq wifc| Lvgti fite Lv`" cTz Kiv hvq| wifbeytbi Yi Lv`" DcKiY cTqyRb gwdk GKfT fvtj fvite vqikfq wifR nftZB Lv`" cTz Kti cKti cTqM Kiv hvq A\_ev Lv`" cTz tgikfbv mftu" wifbeytbi DcKiY cwi gYgZ vqikfq PwI`v AYhVqk `vbi vi máúj K Lv`" Zvi Kiv hvq| Lvgti cTzKZ máúj K Lv`" UvUKv (Fresh) nI qvq gvtQi Lv`" MhY cTqYv epx cvq| GQov Lvevi QfVk, tgiv ev Abv" ci RvI 0iv AvfVš-nI qvi mftebvI Kg \_vtK| KfIg `vbi vi Lvevi 10% Gi AwaK Rj xq Ask \_vtKfj QfVk ev tgiv 0iv mftwgZ nI qvi mftebvI teto hvq| gvtQi KfLZ Drcv`b wboZKfI Lv`" e"icbv AZ"š-, i "ZcY"fgKv iVL AwaKfeyiR"K grm Pfl 70-75% e"qB Lv`" LvZ nft \_vtK| G fTfT %K, wks I gvtQi Rb" wbenfti Lv`" i DcKiY vqikfq f gftj wifbeytbi Lv`" cTz Kiv thZ cvi |

DcKiYi weei Y	kZKiv nvi
wdk vqj	20
tmvqweb PY©	8
AfUvKuv	30
fjv PY©	5

DcKiYi weei Y	kZKiv nvi
Mtgi fjm	12
wPUv_o/ive	5
mwi lvi lJ	20
wfUwgb wifg	1 MfIg/tKfR

Lv`" cTfZi 24 Nuv cTfB mwi lvi %j cwi gYgZ cwbZ wfRq iVLZ nft| AZtci Ab" mKj DcKiYi mft\_ fvtj fvite vqikfq Ggb fite cwb wifkvZ nft tbv Lvevi AtbKuv iKbv Lvevi i gZ nq|

cKti Lv`" cTqM gvti

gvtQi Lv`" MhY gvti wifP Kti cwbv tfsZ I iwmqwbK , Yvej xi AbKj Ae"vi lci| ZvcgvI evotj gvtQi wecvKxq Kvhfutgi nvi teto hvq| dtj Lv`" PwI`v epx cvq| GKBfite cwbv ZvcgvI Ktg tMtj Lv`" PwI`v Ktg hvq| gvtQi Lv`" MhY I wecvKxq Rb" ZvcgvI AZ"š-, i "ZcY"AbNUK wifmte KfR Kti | thgb ZvcgvI cTz 10<sup>0</sup>tm. epxi mft\_ gvtQi Lv`" MhY gvti wifg Z`ac cwbv ZvcgvI 10<sup>0</sup>tm. Ktg tMtj gvtQi Lv`" MhY úpv AtafK tbfg Avfml wifGBP 7.0-8.5 I cwbZ tefZ Aif tRfbv gvti evotj gvtQi Lv`" PwI`v epx cvq| ZifQov tQvU Ae"vi gvti Zj bvgj K teuk Lvevi MhY Kti \_vtK|

%K, wks I gvtQi ^mK I Rfbv mft\_ Lv`" cTqfMi gvti

gvtQi Mo I Rb (MfIg)	^mK Lv`" i cwi gvti (%)
1-3	15-20
4-10	12-15
11-50	8-10
51-100	5-7
>101	3-5

bgpvqb | Lv` " mgšq

bgpvqb bi gva tg cKti i tgU gvti Rxfi (Biomass) nnme Kti Lv` " cqqMi cwi gY wba Y KitZ nte| bgpv msMni tpti GKU SIK Rvj eenvi Kiv thtZ cvti Ges gRy gvti 5-10% bgpv msMn Kiv DÉg| aZ gvti Mo I Rb nnme Kti Ges gvti evPvi nvi 90% wetePbv Gtb tgU Rxfi wYq KitZ nte| 'K, wks I gvi gvQ Pvli tpti ^ wK cqqRbxq Lvei mgib 3 fM Kti mKij, `pj I weKvij cqqM KitZ nte| gvti AvKvi 30 Mq ntj tgU Lv` " K `B fM Kti mKij I weKvij cqqM KitZ nte| cZ 15 w b ASt gvti bgpvqb Kti gvti Rxfi cwi gvc Kti Lv` " cqqM gvti mgšq KitZ nte|

cKti Lv` " cqqM cxwZ

wbgefc cKti Lv` " cqqM Kiv thtZ cvti

- mg -cKti mgvb fvte wQutq
- wba Z -vtb
- Lv` " wbxZ cqqM Kiv| Lv` " wbx msLv cKti gRy KZ gvti msLv | AvKvji i ci wfE Kti wYq KitZ nte|

cKti Lv` " cqqMi mgq wbtgDj wZ welqej x Abjny Y Kiv ctqyRbt

- Lv` " cqqMi Rb myeavZ th tKib GKU ev `ju ni wgtcxi Abjny Y Kiv thtZ cvti | Kvi Y we`gvb mKj cxwZi wQymjeav Ges Amjeav itqtQ|
- Lv` " cZw` b wbw` @ mgtq, wbw` @ -vtb cwi gZ cwi gvtY cqqM KitZ nte
- cwb AwZwi 3 meR ev `wZ n tq cotj ev ejn ntj Lv` " t`qv KgtZ nte
- gyQ th tKib Kvi tY wob (Stress) Ae`vi mgtb ntj Lv` " cqqM Kgtq wZ nte Ges cqqRbt eÜ Kti wZ nte| Ab\_vq Lv` " AcPq ntq cwi tek wbo Kite|

%K, wks I gvi gvQ Pvli i cKti i cwb e`e`vcv

%K, wks I gvi gvQ Pvli i tpti cZw` b wbgqZ nti Awgl mgx Lvei cqqM Kiv gvti gj -gj Ges Lvetii i DwQo cwtZ cP cwb bi bvBtUitRb Nuz Re c`v\_P Dcw\_wZ teo hvq dtj gvQ bvb cKvi mgm vi mgtb ntq \_vK| AiaK cPbkj Re `e cKti cqqM KivB mgxPxb| cKti Re c`v\_@vxi Kvi tY c`v\_wtK ejgi mjo ntZ cvti, GK chq c`v\_wtbi h\_vh\_ cwi tek wewZ ntq c`v\_wtbi AcgZi Nuvq| dj kwtZ cKti i cwb mweK cwi tek givZK wechq NtU Ges gvti gZii Kvi Y ntq wvq| Gifc cwi tek c`v\_gvti Lv` " MhY nvi Ktg hvq, gvti ejx t\_tg hvq Ges GK chq wecj nti gvi hvq| Gifc cwi tek hvZ bv nq tmRbt cwb is Gi Ae`v Abjvqx gvtS gta` ewni t\_tK cwb t`qv thtZ cvti, A\_ei cKti t\_tK wQycwb tei Kti w tq cbiq cwb mshtwM Kiv thtZ cvti | Gme gvti Pvl wbc` ivLvi Rb mgq mgtq cZ kZtK 250 Mq nti Lv` " jey I Pb cqqM Kiv thtZ cvti | cKti i cwb cwi tek fvtj v ivLvi Rb eZgvtb evRvti bvb ai tbi wRI j vBU | AbRxe bvkK cvl qv hvq, hvw cqqM mdj cvl qv hvfQ|

%K, wks I gvi gvQ Pvli Abvb SIK t

Gme gvi Q Pvli FZwfEK wQySik \_vK| ZvB mVK e`e`vcv bv wbtj TzZM0' nI qvi mgtb v \_vK| GgbIK AtbK mgq mg -Pvl e`e`v ugwiKi mgtL coZ cvti |

- K) elKkj xb SjKt elKkj xb AwZeo ev ebvq cKtii cvo tfim Mfq PvI KZ gvo tevi tq thZ cvti | nvj Kv , wo , eoZ ci c° K I gv,i gvo cwb tmZi lci fi Kti cKtii cvo tetq Ab̄ Pj thZ cvti | G Kvi tY cKtii cvto Pwi w̄ tK evb ev teov A ev cwb K tbUi mnvth 1.5 dU DPzKti teobi ēēv Kitz nte |
- L) i® tgšmtgi SjKt i® tgšmtg cKtii cwb iKtq cwb Mfxi Zv Ktg cwb NbZi teo gvtQ i wK evavM̄ n̄Z cvti | GtZ cwb Zvcgv̄v teo cwbZ `bxrZ Aw tRb -f Zvi mjo n̄Z cvti | cwb mieivni gva tg cwb Mfxi Zv ewotq cKtii cibek mnvqK Kitz nte |
- M) kxZKj xb SjKt kxZ (15<sup>0</sup> tm: Zvtci bxP) wetkl Kti K gvo PvI tivMi cib fr teuk nq, tm Rb kxZi 2-3 gvm K gvo PvI bv KivB fvj | Zte G mgvq gvo ev tcvbv msi tYi Rb cwb Zvcgv̄v ewotq ivLvi wbigE cib w b tfvti Mfxi bj Ke Gi cwb t qv thZ cvti |
- N) tZKi M̄m t Lut̄ i Aeikovsk Ges gvtQ gj -ḡt i Kvi tY cKtii Zj t̄ tk tZKi M̄m Rtg ej et̄ i mjo Kitz cvti Ges cwbZ `M̄Ui mjo n̄Z cvti | cKtii Zj t̄ tk Rtg \_vKv tZKi M̄m Acmvi tYi Rb 2-3 w b ci ci `pti i mgq cwbZ tbq Zj t̄ k Avtj woz Kivi ēēv Kitz nte | KivRw ni w tUbl Kiv hvq | Gt̄t kZtK 250 M̄g nv̄t Pb cibqM Kitz nte | tZKi M̄vimi Drcw Zi mgm v cibKu AvKvi ifc t̄ Lv w t̄ tRj vBU cibqM fvtj v dj vdj cvl qv hvq |
- O) gvo Pni t GUv GKwU mvavi Y mgm v ev mgwRK SjK | cKtii gvo eo n̄j G SjK teo hvq | ZvB eo gvo, t j v Avni Y Kitj Pni n̄l qvi m̄ebv Ktg hvq | G Qovi gvo PvI tK mgvq Ri Ab̄t i m̄t D̄g m̄uK eRvq ivLtz nte Ges ēw̄MZ, cwbewi K I mgwRK ØØ GovtZ nte | Drcw Z gvo t̄ tK cKtii cibk emevmKvi t̄ i tm̄Rbj gj K wKQzgvo weZi Y Kiv thZ cvti |

gvo Avni Y I evRvi RvZKi Y

gvo Avni Yt gvo PvI i cibZ m̄wKfvte cwb Pwz Z n̄j cibRwZ t̄t̄ PvI i 100-140 w tb gvo evRvi RvZ Kitz Y DcthvM nq Ges Gmgvq gvtQ Mo I Rb 40-110 M̄g n̄q v̄tK | gvtQ AvKvi, I Rb, gvtQ evRvi i, Pni mn AbvB SjK Ges wetkl Kti cKtii gvtQ avi Y tZKi (Carrying Capacity) wetePbvq ti tL gvo Avni Y I evRvi RvZKi tYi w̄vS-wbZ nte | evRvi RvZ Kitz Y wbigE Avni Z gvtQ , YMZ gvo Avak mgq fvtj v ivLvi Rb gvo aivi 1 w b cib Lvevi cibqM eÜ ivLvi DIPZ | gvo PvI i cKtii Avak NbtZi gvo vKtj gvo evRvi RvZ Kitz Y cibP w b RvJ tUtb gvo ati tQto w tZ nte, Gi dtj evRvi RvZ Kivi mgq gvtQ gZi nvi Ktg hvte |

gvtQ evRvi i t gvtQ evRvi i w̄vfbegj vKvq I FZtZ Kg teuk n̄q v̄tK | evRvi Pwz v I ḡt i cibZ tLqij ti tL gvo evRvi RvZ Kiv DIPZ | gvtQ evRvi i fvtj v cvl qvi Rb gvo aivi AvtMB t̄ tki eo evRvi mḡt m̄e n̄j i BvbxKvi K cibZib ev grm cibqRvZKi Y Kvi Lvbq thwthwM tibc Kti evRvi i hvPvB Gi ēēv M̄Y Kitz nte | Rxes-gvo tQw-eo evRvi Kti (Grading) evRvi mḡt cvl v̄t v Kiv tM̄j Avak gj cvl qv hvq |

Avni Y cibKtYq KvR

gvo Avni tYi w̄vS-M̄tYi cibqbtgDtj wZ weqI mḡt wetePbv Kiv cibqRb t

- evRvi i hvPvB
- tμZvbaY
- tRtj I Rvtj i ēēv
- cwb enb ēēv
- cKtii we gvo Rj R AvMvQv I Wj -cij v (hv w̄tK) Acmvi Y
- gvo cwb gvtci Rb DchjB cwb gvoK h̄sji ēēv
- gvo Rxes-Ae v̄q evRvi RvZ Kivi Rb KtUbvi (Wg) Gi ēēv
- gvo Avni Y Kti cibqK fvt Rxes-msi tYi Rb cibqRbxq tbUi nvcv msM̄
- gvo cibKs I cwb enbKj xb msi tYi Rb cv̄t Ges ei d msM̄

%K, nks I gvi i gviQ PwI i AwR metkH

(K) GK GKtii GKU cKti Dcti Dtz L Z cXWZtZ %K gviQ PwI mate Drcv` b I Avq-e`tqi nmve t

μigK bs	neiy	UvKv ci gY
K) e`tqi nmve		
1	cKi ms- vi/fvor (6 gvtmi Rb`)	10,000.00
2	^K gvtQi tcibv 40,000U (bvmi tZ j vj tbi ci 30,000U cBm bvoZ Kivi Rb`)	60,000.00
3	mj fvi/KvZj 150U (6-7" AvKtii)	1,500.00
4	Pb 250 tKIR	4,000.00
5	gvtQi Lv` (cQ 3500 tKIR; FCR=1.00 t 2.19)	87,500.00
6	cwi ewi K kq, kqK gRjx, Ab`vb`	10,000.00
7	cwi enb LiP	10,000.00
tgvU LiP (K)		1,83,000.00
L) Avtqi nmve		
1	%K gviQ neiq (ePvi nvi 80%, 1.6 tg. Ub Ges 15 UZ tKIR ati Ges evRvi ` i @ UvKv 150/-)	2,40,000.00
2	mj fvi/KvZj gviQ neiq 200 tKIR (cQ) @ UvKv 55/-	11,000.00
tgvU Avq (L)		2,51,000.00
cKZ j vf = (L-K) = (2,51,000.00 - 1,83,000.00) = 68,000.00 UvKv		

(L) GK GKtii GKU cKti Dcti Dtz L Z cXWZtZ nks gviQ PwI mate Drcv` b I Avq-e`tqi nmvet

μigK bs	neiy	UvKv ci gY
K) e`tqi nmve		
1	cKi ms- vi/fvor (6 gvtmi Rb`)	10,000.00
2	nks I ^K gvtQi tcibv 40,000U (bvmi tZ j vj tbi ci 30,000U (nks 20,000U + ^K 10,000 U) cBm bvoZ Kivi Rb`)	70,000.00
3	mj fvi/KvZj 100U (6-7" AvKtii)	1,000.00
4	Pb 250 tKIR	4,000.00
5	gvtQi Lv` (cQ 3000 tKIR; FCR=1.00 t 2.74)	75,000.00
6	cwi ewi K kq, kqK gRjx, Ab`vb`	20,000.00
7	cwi enb LiP	10,000.00
tgvU LiP (K)		1,90,000.00
L) Avtqi nmve		
1	nks gviQ neiq (ePvi nvi 70% 0.654 tg. Ub Ges 25 UZ tKIR ati Ges evRvi ` i @ UvKv 300/- )	1,96,000.00
2	%K gviQ neiq (ePvi nvi 80%, 0.534 tg. Ub Ges 15 UZ tKIR ati Ges evRvi ` i @ 150/-)	80,000.00
3	mj fvi/KvZj gviQ neiq (100 tKIR), @ 55 UvKv/-)	5,500.00
tgvU Avq (L)		2,81,500.00
cKZ j vf = (L-K) = (2,81,500.00 - 1,90,000.00) = 91,500.00 UvKv		

(M) GK GKtii i GKU cKti Dcti Dtz wZ cxtZ gr,i gvQ Ptl mte Drcv`b I Avq-e`tqi wnmve t

μigK bs	wieiy	Ukvci ciwgiY
K) e`tqi wnmve		
1	cKi ms`vi/fvor (6 gvtmi Rb`)	10,000.00
2	gv,i gvtqi tcbv 35,000W } bwmwZ j v tbi ci 25,000W (gv,i 15,000W + K 10,000 W) cwbwZ Kivi Rb`}	50,000.00
3	wmj fvi/KvZj 100W (6-7" Ukvci i)	1,000.00
4	Pb 250 tKIR	4,000.00
5	gvtqi Lv" (clq 3000 tKIR; FCR=1.00 t 2.34)	75,000.00
6	cwi ewi K tg, kogK gRjx, Ab"vb"	20,000.00
7	cwi enb LiP	10,000.00
tgwU LiP (K)		1,70,000.00
L) Avtqi wnmve		
01	gv,i gvQ weμq (ewPvi nvi 70% 0.687 tg. Ub Ges 14 wZ tKIR ati Ges evRvi `i @ Ukv 200/-)	1,37,500.00
02	%K gvQ weμq (ewPvi nvi 80%, 0.534 tg. Ub Ges 15wZ tKIR ati Ges evRvi `i @ Ukv 150/- )	80,000.00
03	wmj fvi/KvZj gvQ weμq (100 tKIR), @ Ukv @55/-	5,500.00
tgwU Avq (L)		2,23,000.00
cKZ j vf = (L-K) = (2,23,000.00 - 1,70,000.00) = 53,000.00 Ukv		

## Dcmsni

GKevi 'K, wks l gv,i gvQ Ptl i ci H GKB cKti gvQ Avni`Yi ciciB Averi GmKj gvQ Pvl Kiv DIPZ bq| Gme gvQ Ptl i ci chqμtg (Crop Rotation) Ab` gvQ thgb tZj wmcqv ev i "B RvZxq gvtqi wkg`Pvl Kiv thZ cvti | Ptl i cKti i Zj wq Rtg \_Vkv Kvij v Kv`v (Sludge) Ztj meRi tPZ, dj ev dtj i evMtb t`qv thZ cvti | Pxb t`tk Ecological Farming Concept-G Sludge e`envi Kti my\_x dmj wntmte meRx, dj l dj Ptl e`vcK mdj Zv ARB Kti tQ| Avgt` i t`ki wngZ mawt i mteP e`envi wbwZ Kti A\_wZK -ej wZv ARbi j t` Ge`e`v cEzB KiZ nte| GQov ciw tkmZ DrKI Zv weavt bl Zv BwZevPK fwgKv iwlZ mwg nte| %, wks l gv,i gvQ my`y RbwgK gvQ Ges Gme gvtqi e`vcK mawt b i tqtQ| wet` tkI Gme gvtqi Pwn`v cPi Ges BtZigta" i Bwbx i i" ntqtQ| gvQwU Ptl i AvajbK cby3 mawt wZ KvhRix c`t`c MwY Kiv tmj cwbwZ Avngt` i Pwn`v cY, Kgmw`b mijomn `et` wK gyt ARB maw nte|

## wde PuCwi Kí bv

<p>^K, wks I gr,i gvtQi PvI e'e^-icbv-2</p>	<p>Lv`" e'e^-icbv</p> <ul style="list-style-type: none"> <li>• Lv`" cjo Dcv`vbi Drm       <ul style="list-style-type: none"> <li>- cOYxRvZt i wki ,ov, Mew` cii i<sup>3</sup>, wgu GÜ tevb wjgj</li> <li>- Dwmc RvZt Pvj i wgn Kdv, Mtgi fwl , Pvj i Ly , AvUy, mwi lvi ^Lj , wZtj i ^Lj , mqweb wjgj , fAv PY<sup>©</sup></li> </ul> </li> <li>• Dcv`vbi cjo ibwZ Kiv       <ul style="list-style-type: none"> <li>- Awgl</li> <li>- kKv</li> <li>- Pv</li> </ul> </li> </ul>																		
<p>Lv`" DcKiY wbePtb wePw elq</p> <ul style="list-style-type: none"> <li>• vbxq fvte DcKiYmgfni cPhZv</li> <li>• DcKitYi cjo gvb</li> <li>• DcKitYi gj"</li> <li>• gvtQi Lv`vfvm ev cjo Pwn`v</li> <li>• PvI i Aw_R mZ</li> <li>• D"p Lv`" cwi eZB nvi</li> <li>• DcKitYi AvKiv</li> <li>• DcKiY msi Y tgqv`</li> </ul>	<p>cKti Lv`" cjqM nvi t</p> <table border="1"> <thead> <tr> <th>gvQi Mo I Rb (Mg)</th> <th>%wK Lv`" i cii gY (%)</th> </tr> </thead> <tbody> <tr> <td>1-3</td> <td>15-20</td> </tr> <tr> <td>4-10</td> <td>12-15</td> </tr> <tr> <td>11-50</td> <td>8-10</td> </tr> <tr> <td>51-100</td> <td>5-7</td> </tr> <tr> <td>&gt;101</td> <td>3-5</td> </tr> </tbody> </table>	gvQi Mo I Rb (Mg)	%wK Lv`" i cii gY (%)	1-3	15-20	4-10	12-15	11-50	8-10	51-100	5-7	>101	3-5						
gvQi Mo I Rb (Mg)	%wK Lv`" i cii gY (%)																		
1-3	15-20																		
4-10	12-15																		
11-50	8-10																		
51-100	5-7																		
>101	3-5																		
<p>moxij K Lv`" Zix</p> <ul style="list-style-type: none"> <li>• ewYR^K wctj U Lvevi</li> <li>• Lvgti cZ Lvevi</li> <li>• DcKitYi kZKiv nvi</li> </ul> <table border="1"> <thead> <tr> <th>DcKitYi weeiY</th> <th>kZKiv nvi</th> </tr> </thead> <tbody> <tr> <td>wdkwjj</td> <td>20</td> </tr> <tr> <td>tmqweb PY<sup>©</sup></td> <td>8</td> </tr> <tr> <td>AfUv Kdv</td> <td>30</td> </tr> <tr> <td>fAv PY<sup>©</sup></td> <td>5</td> </tr> <tr> <td>Mtgi fjm</td> <td>12</td> </tr> <tr> <td>PUv,o/ive</td> <td>5</td> </tr> <tr> <td>mwi lvi ^Lj</td> <td>20</td> </tr> <tr> <td>wfUngb wclgj</td> <td>1 Mg/tKIR</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• bgpwb I Lv`" mgšq       <ul style="list-style-type: none"> <li>- 5-10% bgpwb msMh</li> <li>- 15 w b AŠt bgpwbKiy</li> </ul> </li> </ul>	DcKitYi weeiY	kZKiv nvi	wdkwjj	20	tmqweb PY <sup>©</sup>	8	AfUv Kdv	30	fAv PY <sup>©</sup>	5	Mtgi fjm	12	PUv,o/ive	5	mwi lvi ^Lj	20	wfUngb wclgj	1 Mg/tKIR	<p>moxij K Lv`" cjqM</p> <ul style="list-style-type: none"> <li>• cjqM cxiZ       <ul style="list-style-type: none"> <li>- mgjb fvte wQuUtg cjqM Kiv</li> <li>- wbañi Z vtb cjqM Kiv</li> <li>- Lv`" vbxZ cjqM Kiv</li> </ul> </li> <li>• Lv`" cjqM Abym Yxq weI qwej x       <ul style="list-style-type: none"> <li>- Lv`" cjqM wkgcxiZ Abym Y</li> <li>- wbow @ mgq, wbow @ -vib, cwi gY gZ Lv`" cjqM</li> <li>- cwb AwZn<sup>3</sup> meR ev `w Z ntq cotj ev ejp ntj Lv`" cjqM KgvZ nte</li> <li>- gYQ th tKv KvitY wcob (Stress) Ae^-vi mjo ntj Lv`" cjqM KgvZ w tZ nte</li> <li>- Awak Lv`" cjqM AcPq ntq cwi tek webó KiZ cwi  </li> </ul> </li> </ul>
DcKitYi weeiY	kZKiv nvi																		
wdkwjj	20																		
tmqweb PY <sup>©</sup>	8																		
AfUv Kdv	30																		
fAv PY <sup>©</sup>	5																		
Mtgi fjm	12																		
PUv,o/ive	5																		
mwi lvi ^Lj	20																		
wfUngb wclgj	1 Mg/tKIR																		
<p>cKti cwb e'e^-icbv</p> <ul style="list-style-type: none"> <li>• cwb `w Z nI qvi Kvi Y       <ul style="list-style-type: none"> <li>- gj ḡ t_ tK bvBtUitRb ^Re mjo</li> <li>- cPv Lv`" ev cP hvI qv ^Re `t"</li> <li>- cWUibi AcgZ</li> </ul> </li> </ul>	<p>^K, wks I gr,i gYQ PvI i SIK e'e^-icbv</p> <ul style="list-style-type: none"> <li>• elPKv jx SIK</li> <li>• i^tgsmtg SIK</li> <li>• kxZKv jx SIK</li> <li>• TzKv M'vm</li> <li>• gYQ PvI</li> </ul>																		

<ul style="list-style-type: none"> <li>cmb̥ t̥Yi cwi bv̥g           <ul style="list-style-type: none"> <li>- gvt̥Qi Lv̥ M̥t̥Y Ai w̥P</li> <li>- ej̥x nvi K̥g hv̥l qv̥</li> <li>- gvt̥Qi gZ̥~</li> </ul> </li> <li>t̥Y c̥ZK̥t̥ii Dc̥v̥q           <ul style="list-style-type: none"> <li>- c̥mb̥i Av̥w̥k̥K c̥wi eZ̥q</li> <li>- 250 M̥g/kZ̥t̥K Pb c̥q̥M</li> <li>- w̥R̥I j̥ v̥BU c̥q̥M</li> </ul> </li> </ul>	gv̥Q Av̥ni Y I ev̥R̥vi R̥v̥Z KiY <ul style="list-style-type: none"> <li>- gv̥Q Av̥ni t̥Yi mgq I Av̥Ki</li> <li>- c̥R̥w̥Z t̥f̥t̥ 100-120 w̥ b ci</li> <li>- 50-100 M̥g I R̥t̥bi gv̥Q</li> <li>- Carrying capacity w̥t̥ePb̥v K̥ti</li> </ul> <ul style="list-style-type: none"> <li>- ev̥R̥vi R̥v̥Z KiY           <ul style="list-style-type: none"> <li>- Gj̥v̥K̥v̥ I FZ̥t̥f̥t̥ Kg̥-t̥eik gv̥Q aiw̥</li> <li>- ev̥R̥vi t̥i i w̥ t̥K̥j̥ P̥ i v̥L̥</li> <li>- t̥Q̥U-eo gv̥Q t̥M̥W̥s Kiw̥</li> </ul> </li> </ul>
gv̥Q Av̥ni Yce̥Ki Yq̥q KiR̥ <ul style="list-style-type: none"> <li>- t̥μZ̥v̥bḁY Kiw̥</li> <li>- t̥R̥t̥j̥ I R̥v̥j̥ w̥K̥ Kiw̥</li> <li>- c̥wi enb̥ e̥e̥-v̥ w̥K̥ Kiw̥</li> <li>- R̥j̥ R̥ ḀM̥v̥Q̥ I W̥j̥ -c̥v̥j̥ v̥ Ḁcm̥v̥i Y Kiw̥</li> <li>- Dch̥y̥ c̥wi gvc̥K̥ h̥š̥j̥ e̥e̥-v̥ Kiw̥</li> <li>- R̥x̥š̥-Ḁe̥-v̥q̥ ev̥R̥vi R̥v̥Z Kiw̥ e̥e̥-v̥</li> <li>- c̥q̥v̥R̥b̥q̥ t̥b̥t̥Ui nvc̥ msM̥b̥ Kiw̥</li> <li>- msi t̥Yi R̥b̥ c̥v̥t̥ Ges ei d̥ msM̥b̥</li> </ul>	Aw̥_R̥ metk̥H̥ <ul style="list-style-type: none"> <li>- %K̥ Pv̥t̥l̥ i Aw̥_R̥ metk̥H̥</li> <li>- w̥ks Pv̥t̥l̥ i Aw̥_R̥ metk̥H̥</li> <li>- gv̥, i Pv̥t̥l̥ i Aw̥_R̥ metk̥H̥</li> </ul>

## Añatekb cwi Kí bv

w b t 3

mgq t 12:15-13:15

tgqv` Kyj t 60 wiblU

wk̩t̩iwbvg	t cve`v l j kv gvtQi Pvi e'e' tcbv
Afxó `j	t grm' Añia`Bt̩i i KgRZfe`
j pi	t cikpiy l i cve`v l j kv gvo Pvi i myear, Pvi cxilZ BZ'w' m̩útK̩e` wi Z avi Yv t`qv nte hv̩Z Ziv AñRZ Ávb Kv̩R j wM̩tq i "B RvZxq gvtQi mvt_ cve`v l j kv gvo Pvi e'e' tcbvq AvM̩nix Pvi x`i c̩qyRbxq mn̩qZv c̩vb Ki̩Z cv̩i b
D̩l k̩	t G Añatekb tk̩ti cikpiy - <ul style="list-style-type: none"> <li>• cve`v l j kv gvo Gi Pvi i myear m̩útK̩ ej tZ cv̩i te </li> <li>• i "BRvZxq gvtQi mvt_ cve`v l j kv gvo Pvi cxilZ eYv Ki̩Z cv̩i te </li> <li>• Pvi cxilZ tZ mvi l m̩új K Lv` c̩qyM nvtZ-Kj tq̩ i k̩l v`vb Ki̩Z cv̩i te </li> <li>• cve`v l j kv gvo Pvi c̩qyRbxq mZKZv m̩útK̩ej tZ cv̩i te </li> <li>• cKi̩ t̩t̩K gvo Avni Y m̩útK̩ej tZ cv̩i te </li> </ul>

weiqmP	Añij vP weiq	tKskj	mgq
fngKv			4 wiblU
1	-MZ		
2	ce@Zr@Añatekb̩bi mvt_ mst̩hM - tcb	e³ Zv	
3	eZg̩b Añatekb̩bi Dci Añij vKcvZ		
4	D̩l k̩ eñL̩KiY		
5	D0yKiy		

weiqe-	1  fngKv 2  Pvi i myear- - tg̩m̩g̩x c̩Ki, ewl R c̩Ki l Ab̩vb Rj vktq G gvo Pvi Kiv hvq  - G gvo Pvi c̩Kt̩i me t̩i i eñenvi wbl̩Z nq  - 5-6 gvtmB i "B RvZxq gvtQi cvkvcmk cve`v l j kv gvo evRvi RvZ Kiv hvq  - i ayi "B RvZxq gvo Pvi i tP̩q Añak g̩vbdv cv̩l qv hvq  - cve`v l j kv gvo m̩y ZvB evRvi gj AñbK teik 3  Pvi cxilZ - c̩Ki c̩t̩Z - tcbv gR) - gR) cieZ@Cwi Ph@ - m̩uj K Lv` mi eivn 4  mZKZv 5  Avni Y 6  m̩te Avq-e'tqi mn̩me	e³ Zv   cik̩Ei	50 wiblU
mvi mst̩pi			6 wiblU

1  gj weiqm̩a mst̩pi c̩pivtj vPbv	cik̩Ei	
2  cik̩Eti i gva'tg D̩l k̩ hvPbv		
3  cieZr@Añatekb̩bi mvt_ mst̩hM - tcb		

cikpiy mn̩qK mn̩qK t gvo K, wd̩c PvU@n vU AvDU BZ'w'

cve`v I „j kv gv‡Qi PvI e„e-`tcv

cve`v I „j kv gvQ evsj vt`ki tQvU gvQ „tj vi gta“ Ab“Zg| wgv cwb G gvQ `ñU b`x-buj v, Lvj -wej , nvl i -ewl to GKmgq cPh i cwi gv‡Y cvl qv thZ | Ks`eZg‡b cKwZK cwi tek wech‡qi Kv‡Y cRbb I eske¶x evnZ nl qvq G gv‡Qi cPhZv AtbK Ktg tM‡Q| AZ“S-my”y| AZ“waK evRvi gtj i Kv‡Y cve`v I „j kv gvQ grm<sup>m</sup>PvI xmn msiké-mKtj i `wo AwaK n‡qQ| B‡Zigta“ Kwg cRb‡bi gva“tg G‡i tcv PvI Drcv`b ii“ n‡qQ Ges -† cwi m‡i PvI Kv‡ug ev-ewaqZ nt”Q|

i“B RvZxq gv‡Qi mv‡\_ cve`v I „j kv wgv‡PvI

Pv‡i i myav-

- tgšmgx cKi , ewl R cKi I Ab“vb Rj vktq G gvQ PvI Kv hvq|
- G gvQ Pv‡i cKi i me -‡i i Lve‡i i eenvi wv‡Z nq|
- 5-6 g‡mi gta“B K‡qK aitYi i“B RvZxq gv‡Qi cvkicw k cve`v I „j kv gvQ evRvi RvZ Kv hvq|
- i ayi“B RvZxq gvQ Pv‡i i tP‡q AwaK g‡v‡v cvl qv hvq|
- cve`v I „j kv gvQ my”y ZvB evRvi gj“ AtbK teik|

PvI cxwZ

cKi cUwZ

- i K‡bv tgšmgx cKi t‡K Rj R AwaQv cwi®vi I cvo tgiwgZ KitZ n‡e|
- tQvU gvQ Pv‡i i t¶‡i cKi i Kv‡bv DiPZ bq| ZvB evi evi Nb d‡mi Rvj tU‡b i v¶‡m gvQ I ¶wZKi cOyx Acmvi Y KitZ n‡e|
- c‡Z kZ‡K 1-2 tKwR cv‡ji Pb c‡qM KitZ n‡e| gwi „Yi i ci wv‡E Kit‡bi g‡v‡v Kg-teik n‡q \_vtK|
- cKi ch‡B cwi gvY gv‡Qi cKwZK Lv“ Rb‡v‡v Rb‡v‡v Qovi c‡e©mvi c‡qM KitZ n‡e| c‡Z kZ‡K 4-6 tKwR tMvi , 100 M‡g BDw qv I 100 M‡g wUGmvi c‡qM Kit‡v‡v|
- cwb i s meR/ev`vgx-meR ntj tcv PvI Dch‡p nq|

tcv PvI gRj

- cKi gvQ Pv‡i i mdj Zv wbf‡ K‡i fv‡j v Rv‡Zi my”, mej I mWk cRwZi tcv PvI mWk msL“vq gR‡ i i ci|
- cKi tcv PvI Qovi AwtM cwi enbKZ tcv PvI cKi i cwb Zvcg‡vi my‡\_Lvc Lv‡q wbtq 10 wj Uvi cwb I 1 PvP (5 M‡g) cUwmqvg cvi g‡vsM‡bU A\_ev 100 M‡g j eY w‡k‡q `eY †Zix K‡i Zv‡Z 1-2 w‡bU tMmj Kv‡q tcv PvI RxeYg‡p KitZ n‡e|
- wbt‡ai Q‡K ewY‡ th tKwR GKwR bg‡v Ab‡v‡q 10-12 t‡wq. AwK‡i i i“B RvZxq gvQ I 5-7 t‡wq. AwK‡i i cve`v ev „j kv gv‡Qi my”mej tcv PvI c‡Z kZ‡‡k gRj KitZ n‡e|

Kvc©cve`v g‡Wj - 1		Kvc©cve`v g‡Wj - 2		Kvc©cve`v- „j kv g‡Wj	
gv‡Qi cRwZ	msL“v	gv‡Qi cRwZ	msL“v	gv‡Qi cRwZ	msL“v
KvZj v	12	wmj fvi Kvc©	8	KvZj v	8
i“B	8	KvZj v	4	i“B	10
g‡Mj	8	g‡Mj	8	g‡Mj	10
M‡mKvc©	2	M‡mKvc©	2	M‡mKvc©	2
cve`v	70	mi c‡U	8	cve`v	50
-	-	cve`v	70	„j kv	50
tgvU	100	tgvU	100	tgvU	130

gRj cieZpcii PhP

- cKti chB cwi gy cKZK Lv'' iLvi Rb'' ^bK ev 7 w b ci ci wbgZ mvi cQm KtZ nq|
- mvavi Y wbg Abmvti ^bK kZK cZ 150 Mq tMvei A\_ev 300 Mq KtPv, 5 Mq BDw qv | 5 Mq wGmuc GKU cvt cwb mvt\_ 1 w b wfRtq tiL ciw b mKv 10-11 Uvq cKti wQutq w tZ nte|
- A\_ev 7 w b/10 w b ci ci mvi eenvi KitZ ntj Dctiv^3 cwi gy Y w tbi , wZK nvi mvi cQm KtZ nte| Zte cZw b mvi eenvi KivB mte Kó|
- ^Re I iwmqibK mvi GKt wqkfq cwi gy gZ | wbgZ eenvi Kitj teik Drcr` b cvl qv hvq|

máuj K Lv'' mieivn-

- Kic°Cve`v- j kvi wqkPvI máuj K Lvevi wnmie e'eüZ Lv` vcv` vfb bi cwi gy wbtæ ewYZ ntj vt

Lv` vcv` vb	wqkYi nvi (kZKi)
Pvtj i wgn Kow	40
Mtgi fjm	20
mvi lvi Lj	20
wdk wqj	20
tgvU	100

- 10-12 Nuv wfRvtbv mvi lvi ^Lj i mvt\_ i Ktvtb Mtgi fjm ev Pvtj i wgn Kow wqkfq tMyj vKvi ej ^Zvi KitZ nte|
- cKti gRj KZ gvtQi tgvU I Rfb i kZKiv 5-3 fM nvi ^bK Lvevi w tZ nte|
- kZKtj Lveti i cwi gy kZKiv 1-2 fM nvi mieivn KitZ nte|
- eiv KZ Lvevi w tbi 2 evi cQm Kiv fvj |
- gwmk bgbwtbi gva tg Lveti i cwi gy mgšq KitZ nte|
- GQvovl cZwZ tKvúvbxr ewYR Ktj U Lvevi I gvtK mvi eivn Kiv thZ cvt i

mZKv

- cKti Zj t'k K` v vKtj PwZK Mv Rtg \_vKtZ cvt i | `woi mvt\_ tj vnv ev gwdji Kvw wkserv BU tetra ni iv ^Zvi Kti cKti Zj tNtI Avt-Avt-tUtb Zj vi Mv fei Kti w tZ nte|
- cZ gvtm GKevi wKoygQ ati gvtQi ^r cixPv KitZ nte|
- wbgZ Lv'' mieivn KitZ nte|
- cKti cwb Ktj tMtj cwb mieivn KitZ nte|
- cwb teik meR ntq tMtj mvi cQm eÜ ivLtz nte|

Auni Y

Avisuk K Auni Y-

i "B RvZxq me gvo I cve`v- j kv gvtQi epxi nvi mgvb bq| teik j vtfi Rb'' eo gvo Auni Y Kti tQv gvo tjk vfk eo nI qvi myhM Kti t'qv DIPZ| ZvB i "B RvZxq th gvo tjk v 500-700 Mtgi Dcti nte Zv Auni Y Kti mgmsL K tcvby cb:ivq QvotZ nq|

## Povš-Avni Y-

- eQi tkil me gvQ Avni Y Kti tdj tZ nte| evRvi ` i Ges cieZdmij i Rb` tcibv cibbi lci wfP Kti Povš-Avni Yi mgqKvj wK KitZ nte|
- cve` v l j kv gvQ 8-9 gvm Pvl hmptg 25-30 Mq | 45-50 Mq | Ribi nq Ges Zv meputqi Rb` DchjB nq|

mte Avq e q

30 kZK cKti Kic cve` v l j kv wkgPvl i Avq-e q | Drcv` tbi mmve wfP t` Lutbv ntj vt

weeiy	mSLv/cwi gyY	gj
cKi tgivgZ	-	1000.00
Pb	30 tKIR	450.00
BDwi qv	30 tKIR	180.00
wUGmwc	30 tKIR	600.00
tMvei	750 tKIR	750.00
tcibv	i "BRvZxq gvtqi tcibv	900 w
	cve` v l j kv	2100 w
Pvl i wgn Kdv	600 tKIR	6,000.00
Mtgi fym	300 tKIR	4,500.00
mwli vi Lj	300 tKIR	4,500.00
wdkwjj	300 tKIR	12,000.00
gvQ aiv l Abib	-	2,000.00
tgU e q		39,180.00

## Drcv` b

Drcv` Z gvQ	Drcv` b (tKIR)	i (UvKv)	wepqgj (UvKv)
i "B RvZxq gvQ	700 tKIR	60.00	42,000.00
cve` v l j kv	55 tKIR	250.00	13,750.00
tgU Drcv` b	755 tKIR	tgU Avq	55,750.00

cKZ gþvdt tgU e q - tgU Avq = 55,750.00 - 39,180.00 = 16,570.00 UvKv

## nde PW°Cwi Kí bv

<p>cve` v   Mj kv gvtQi Pvl e'e - tcbv</p>	<p>Pvtl i meav/ , i "Zi 1) G gQ tgSmgx I eml R cKti Pvl Kv hvq   2) cKti me - #i Lveti i eenvi mboZ nq   3) 5-6 gvtmB i "B RvZxq gvtQi cirkvcmk cve` v   , j kv gvtQ evRvi RvZ Kv hvq   4) i ayi "B RvZxq gvtQ Pvtl i tPq teik j vf cvl qv hvq   5) cve` v   , j kv gvtQ mjt y ZvB evRvi gj teik  </p>																																																										
<p>cKti c0iZ</p> <ul style="list-style-type: none"> <li>• Rj R AVMQv cwi ®vi   cvo tgivgZ  </li> <li>• Nb d#mi Rvj evi evi tUtb iVt#m gvtQ   PIZKi c0yx AcmvY  </li> <li>• cIZ kZtK 1-2 tKIR cv_ji Pb c0qM  </li> <li>• ch#B cwi gvtb cIKiZK Lv" Rb#tivi Rb" tcbv Qvovi cte® cIZ kZtK 4-6 tKIR tMvi, 100 M#g BD#i qv   100 M#g uGmwc c0qM Kv fij  </li> <li>• cwi bi is meR/ev` vgx-meR ntj cKti tcbv Qvovi Dchj® nq  </li> </ul>	<p>tcbv grj mæ AbvtZ tcbv grj Kv fvtj v:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>gtWj</th> <th>→</th> <th>KtZj</th> <th>mj fvtKc®</th> <th>i "B</th> <th>gtMj</th> <th>MvtKc®</th> <th>mi Cj</th> <th>cie` v</th> <th>j kv</th> <th>tgvt</th> </tr> </thead> <tbody> <tr> <td>Kvc®cve` v gtWj -1</td> <td>msL v</td> <td>12</td> <td>-</td> <td>8</td> <td>8</td> <td>2</td> <td>-</td> <td>70</td> <td>-</td> <td>100</td> </tr> <tr> <td>Kvc®cve` v gtWj -2</td> <td>msL v</td> <td>4</td> <td>8</td> <td>-</td> <td>8</td> <td>2</td> <td>8</td> <td>70</td> <td>-</td> <td></td> </tr> <tr> <td>Kvc®cve` v- . j kv gtWj</td> <td>msL v</td> <td>8</td> <td>-</td> <td>10</td> <td>10</td> <td>2</td> <td>-</td> <td>50</td> <td>58</td> <td>130</td> </tr> </tbody> </table>	gtWj	→	KtZj	mj fvtKc®	i "B	gtMj	MvtKc®	mi Cj	cie` v	j kv	tgvt	Kvc®cve` v gtWj -1	msL v	12	-	8	8	2	-	70	-	100	Kvc®cve` v gtWj -2	msL v	4	8	-	8	2	8	70	-		Kvc®cve` v- . j kv gtWj	msL v	8	-	10	10	2	-	50	58	130														
gtWj	→	KtZj	mj fvtKc®	i "B	gtMj	MvtKc®	mi Cj	cie` v	j kv	tgvt																																																	
Kvc®cve` v gtWj -1	msL v	12	-	8	8	2	-	70	-	100																																																	
Kvc®cve` v gtWj -2	msL v	4	8	-	8	2	8	70	-																																																		
Kvc®cve` v- . j kv gtWj	msL v	8	-	10	10	2	-	50	58	130																																																	
<p>grj cieZ®cwi Ph®</p> <ul style="list-style-type: none"> <li>• cKti ch#B cwi gvtQ cIKiZK Lv" Rb#tivi Rb" %bK ev 7 w b ci ci mvi c0qM KitZ nq  </li> <li>• %bK unmtc cIZ kZtK 150 M#g tMvi, 5 M#g BD#i qv   5 M#g uGmwc 1 w b w#Rtq ti tL ciw b c0qM KitZ nq  </li> </ul>	<p>mæuj K Lv" mieivn</p> <ul style="list-style-type: none"> <li>• Lv" vcv` vb   kZKi v cwi gvtQ mæisc</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Lvt" vcv` vb</th> <th>wgktYi nvi (kZKi v)</th> </tr> </thead> <tbody> <tr> <td>Pvtj i wgn KdV</td> <td>40</td> </tr> <tr> <td>Mtgi fjm</td> <td>20</td> </tr> <tr> <td>mvi lvi "Lj</td> <td>20</td> </tr> <tr> <td>wdm wgj</td> <td>20</td> </tr> <tr> <td>tgvt</td> <td>100</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• gvtQi t` n   R#bi kZKi v 5-3 fM nti %bK Lvevi</li> </ul>	Lvt" vcv` vb	wgktYi nvi (kZKi v)	Pvtj i wgn KdV	40	Mtgi fjm	20	mvi lvi "Lj	20	wdm wgj	20	tgvt	100																																														
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<p>Avg-e#tqi unmv</p> <p>30 kZK cKti 6 gvt Pvtl i Avg-e#tqi unmv</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>weiy</th> <th>msL v/cwi gvtQ</th> <th>gj</th> </tr> </thead> <tbody> <tr> <td>cKti tgivgZ</td> <td>-</td> <td>1000.00</td> </tr> <tr> <td>Pb</td> <td>30 tKIR</td> <td>450.00</td> </tr> <tr> <td>BD#i qv</td> <td>30 tKIR</td> <td>180.00</td> </tr> <tr> <td>uGmwc</td> <td>30 tKIR</td> <td>600.00</td> </tr> <tr> <td>tMvi</td> <td>750 tKIR</td> <td>750.00</td> </tr> <tr> <td>tcvbv</td> <td>i "BRvZxq</td> <td>900 w</td> </tr> <tr> <td></td> <td>cve` v/ j kv</td> <td>2100 w</td> </tr> <tr> <td>Pvtj i wgn KdV</td> <td>600 tKIR</td> <td>6,000.00</td> </tr> <tr> <td>Mtgi fjm</td> <td>300 tKIR</td> <td>4,500.00</td> </tr> <tr> <td>mvi lvi "Lj</td> <td>300 tKIR</td> <td>4,500.00</td> </tr> <tr> <td>wdkngj</td> <td>300 tKIR</td> <td>12,000.00</td> </tr> <tr> <td>gvtQ aiv   Ab"vb</td> <td>-</td> <td>2,000.00</td> </tr> <tr> <td>tgvt e"q</td> <td></td> <td>39,180.00</td> </tr> </tbody> </table>	weiy	msL v/cwi gvtQ	gj	cKti tgivgZ	-	1000.00	Pb	30 tKIR	450.00	BD#i qv	30 tKIR	180.00	uGmwc	30 tKIR	600.00	tMvi	750 tKIR	750.00	tcvbv	i "BRvZxq	900 w		cve` v/ j kv	2100 w	Pvtj i wgn KdV	600 tKIR	6,000.00	Mtgi fjm	300 tKIR	4,500.00	mvi lvi "Lj	300 tKIR	4,500.00	wdkngj	300 tKIR	12,000.00	gvtQ aiv   Ab"vb	-	2,000.00	tgvt e"q		39,180.00	<p>Avg-e#tqi unmv (Pj gvt)</p> <p>Drcv` b</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Drcw Z gvtQ</th> <th>Drcv` b (tKIR)</th> <th>i (UvKv)</th> <th>weuq gj (UvKv)</th> </tr> </thead> <tbody> <tr> <td>i "B RvZxq gvtQ</td> <td>700 tKIR</td> <td>60.00</td> <td>42,000.00</td> </tr> <tr> <td>cve` v/ j kv</td> <td>55 tKIR</td> <td>250.00</td> <td>13,750.00</td> </tr> <tr> <td>tgvt Drcv` b</td> <td>755 tKIR</td> <td>tgvt Avg</td> <td>55,750.00</td> </tr> </tbody> </table> <p>cKZ gvtQ = tgvt e"q - tgvt Avg = 55,750.00 - 39,180.00 = UvKv 16,570.00</p>	Drcw Z gvtQ	Drcv` b (tKIR)	i (UvKv)	weuq gj (UvKv)	i "B RvZxq gvtQ	700 tKIR	60.00	42,000.00	cve` v/ j kv	55 tKIR	250.00	13,750.00	tgvt Drcv` b	755 tKIR	tgvt Avg	55,750.00
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## Añatekb cwi Kí bv

w b t 3	mgq t 13:15-14:00	tgq` Kyj t 45 mgibU
Wktiwbvg t tQvU gvQ AvniY, evRvi RvZKiY I cñqRvZKiY		
Afxó `j t grm' Ama`Btii KgRZfe`		
j ¶ t cik¶Yi_ i t kxq tQvU gvQ AvniY, evRvi RvZKiY I cñqRvZKiY m¤útk®e- wi Z avi Yv t`qv nte hv‡Z ziv AñRZ Ávb Kv‡R j M‡q Pv‡l i cKj n‡Z tQvU gvQ AvniY, evRvi RvZ I cñqRvZ tKškj AvqZjKi‡Z cvi teb		
D‡l k" t G Añatekb tk‡l cik¶Yi_ - • Pv‡l i cKj n‡Z tQvU gvQ AvniY cxiZ m¤útk®ej tZ cvi teb   • AvniYKZ tQvU gvQ evRvi ZKiY m¤útk®e- weZ ej tZ cvi teb   • tQvU gvQ cñqRvZKiY m¤útk®e- wi Z ej tZ cvi teb		

weI qmP	Avtj vP' weI q	tKškj	mgq
fngKv			4 mgibU
	<ul style="list-style-type: none"> <li>- MZ</li> <li>ce@Zr' Añatekbib mi‡_ ms‡hM- vcb</li> <li>eZgib Añatekbib Dci Avtj vKvz</li> <li>D‡l k" eñLvKiY</li> <li>DøyKiY</li> </ul>	e³Zv	
weI qe-	35 mgibU		
	1  AvniY - Avsikk AvniY - m¤úP AvniY 2  evRvi RvZKiY 3  AvniY I evRvi RvZKi‡Y weI P' weI q 4  tQvU gvQ ms‡¶Y - ei dRvZKiY 5  tQvU gvQ cñqRvZKiY - c¶ij Z cxiZ‡Z iUkkjY - tmvj vi tUvU Wiq‡i iUkkjY - tQvU gv‡Qi m`j iUkkjY	e³Zv I cik¶Ei	
mvi -ms‡¶c	6 mgibU		
	<ul style="list-style-type: none"> <li>gj weI qmga ms‡¶tc cþivtj vPbv</li> <li>cik¶Ei i gva‡g D‡l k" hvPb</li> <li>cieZr' Añatekbib mi‡_ ms‡hM- vcb</li> </ul>	cik¶Ei	
cik¶Y mnvqK mvgM t gvK®, wd€ PvU©n vU AvDU BZ w`			

†QvU gvQ Avni Y, evRvi RvZKi Y | cÖµqvRvZKi Y

Anni Y

cKi ev Rj vktq Drcw` Z gvtQi AvKvi, I Rb, evRvi ` i, newfbœSiK Ges mtefci cKti gvtQi avi Y¶gZv (carrying capacity) wtePbvq ti‡L gvtQ Avni Y Kiv c¶qvRb| c¶RwZ tft` tQvU gvtQ AvsiK K Avni Y (partial harvest) Averi AtbK t¶‡t mpuY©Avni Y (total harvest) Kiv nq| tQvU gvtQ Avni †Yi Rb` newfbœai †bi Rvj (thgb- teo Rvj, ag©Rvj, `K Rvj, SuK Rvj BZw) Ges newfbœai †Yi wdk Utic (%K WMBi, Lj mb, BPvi Pwi BZw) eenvi Kiv nq| WÛv I ciw` vi Avenvl qvq gvtQ aiv DiPZ| wetki Kti wbKUeZ®evRvi i cvWvibvi t¶‡t †fv‡i Ges `jeZ®evRvi i Rb` gaiv‡Z gvtQ Avni †Yi e`e`v Ki‡Z nte|

Avtisk AniY

PvI thM' gj v, cJU, tPj v BZ"w` gvQ AÍ mḡtqi ḡta" (2 ḡm) cPj cwi ḡtY tcvbv Drcv` b K̄ti | dtj cK̄ti Gme ḡtQi NbZi AZ"waK teo hvq| GRb" Gme ḡtQi AvsikK Avni Y AZ"vek"K| gvQ e"w wnm̄te gRf` i 2 ḡm ci 15 w` b Aši Aši myZ teo RvJ A\_ev ag^RvJ e"envi K̄ti AvsikK Avni Y Ki v c̄lqyRb|

m&úY©Añi Y

ewY|R"Kfite KiZcq PvI thM" tQvI gvQ thgb %K, wks, gv`i, cve`v, j kv BZ" teo RvJ w tq ctivcji AvniY Kiv hvg bv| ZvB cKi iikfq Gme gvQ m=uy^AvniY Ki±Z nq| cKZct¶l gvQ AvniY PvI i B"Qri Dcti AtbKvstk wbfPkjx | PvI i c|qvRb gwdk AtbK t¶t¶l teo RvJ ev SuvK RvJ e"envi Kti gvQ AvsiKK AvniY Kiv hvg|

evRvi RvZKi Y

gv¶Qi evRvi ` i wewfbœGj vKvq wewfbel FZ¶ft` Kg teik ntq \_vtK| jvfRbK ` vtgi cÖZ tLqij títL gvQ evRvi RvZ  
Kiv DvPZ| gv¶Qi evRvi ` i AvwK cvl qvi Rb" gvQ aivi cteB t`ki eo evRvi mgjn thwMvthwM "vcb Kti evRvi ` i  
hvPvB Gi e'e`v KitZ nte Ges evRvi m¤e ntj cRwZ tf` Rxeš-Ae"vq I tQvUeo AvKvii gvQ Avj v`v fvté  
evQvB Kti cvWvthvvi e'e`v KitZ nte|

Tcvb gR<sup>‡</sup> i 3-4 gvtmi gta" %K gvQ 80-100 Mög, nks 50-80 Mög I gv,i gvQ 100-150 Mög I Rtb*i* ntj evRvi RvZK<sup>i</sup>bi Rb<sup>‡</sup> Dchj<sup>3</sup> nq| G mgq evRvi Pvn`v Abjhvqx Gme gvQ AvniY Kti Rxes-Ae"vq cwoK Wtg Kti evRvi RvZ Kiv hvq| mi cJU I evUv gvQ 3-4 gvtmi gta" 150-200 Mög Ges jkv, cve"v gvQ 40-50 Mög I Rtb*i* ntj evRvi RvZ Kiv hvq|

gvQ Avni Y I evRvi RvZKi tY weteP.. weI qmgm

- evRvi ` i hvPvB Kiv
  - tμZv wbañ Y Kiv
  - tRtj I Ryj wK Kiv
  - cwi enb eẽ- t wK Kiv
  - Dchj<sup>3</sup> cwi gvcK htšj eẽ- t Kiv
  - RxēS-Ae- tq evRvi RvZ Kivi Rb<sup>5</sup> KtUBvvi ei Wtgi eẽ- t Kiv
  - cwi enbKyi xb msj t<sup>6</sup>Yi Rb<sup>5</sup> cv̄ I ei tdi eẽ- t Kiv

tQvU gvQ Avni tYi ci UvUKv iVLvi cxiZ

- gvQ Avni tYi ci tiv` tdtj ivLv DvPZ bq| Kvi Y Zvcgvv i vix i mvt\_ mvt\_ gvQi , YMZgvb bo nZ vK|
- gvQ Avni tYi ciciB cwi®vi cwi tZ fvj fite atq gvQi tni Dcvi fvMi -Bg ev vcvQj c`v\_® i Ki tZ nte| Kvi Y gvQi -Btq cPbmuqv mnvqK RxeiYy\_vK|
- Gici hZ `Z mvt\_ gvQtK eid msi ¶Y Kitj `xNmgq gvQ UvUKv vK| eid msi ¶tYi mgq eid fvj fite PY® Kti gvQi -t i Dcti I vbtP eid vZ nte|
- gvQ cwi enbi mgq I `z Abymti Ggb cwi gvb eid eenvi KitZ nte hvZ Mse -vbt tcQvi ci I gvQi Mvtq eid tj tM vK|
- cwi enbi Rb cwi K Sio ev ev eenvi Kiv fvj | Zte eutki Sio ev KvVi ev I eenvi Kiv hvq| Sio ev evt\_ gvQ ivLvi mgq tLqj ivLZ nte hvZ gvQi Dci teuk PvC bv ctO| AiaK Ptc vbtPi gvQ ZrovZwo bo ntq thZ cuti |
- cwi Ph®Ges cwi enbKvij gvQi gvsmtckx hvZ bo bv nq tmw tkI hZeb nZ nte|

tQvU gvQ msi ¶Y I cjuqvRvZKiY

gvQ GKvJ `Z cPbkj `e| ZvB h\_vh\_ msi ¶Y I cwi Ph® I ci Gi , YMZgvb ev Lv`gvb vbf® Kti | gvQi gZii ci cPbmuqv ii ntj ZvAvi tKbfvteB eÜ Kiv hvq bv| Zte wevfbecxiZ Aeje vbt Kti gvQi cPbmuqv vewZ Kiv hvq vKs' GKeutki eÜ Kiv hvq bv| Cpb t\_tK gvQtK i ¶vi metPtq mnR I `ZZg cši ntQ eid v tq gvQ msi ¶Y Kiv| G cxiZ tZ f mgvqi Rb tQvU ev eo me aitYi gvQB msi ¶Y Kiv hvq| eid di ms uktGtm gvQ `Z WvUv nq Ges cPbKvix ev KvJvivi -vweK vpx I esku -v evnZ nq| dtj gvQi cPb muqv Ktg hvq| eid v tq msi ¶Z gvQ mnR cwi enb Kiv hvq|

tQvU gvQ mvavi YZ vZb fite msi ¶Y I cjuqvRvZKiY Kiv hvq| h\_y:

K) eid RvZKiY L) TukKKiY M) vnu j Kiv

K) tQvU gvQ eid RvZKiY

- eid Øviv gvQ msi ¶tYi cte®gvQtK cwi tZ atq vbtZ nte|
- eutki Sio/PvUvB vKsev tnMj v cvZvi ^Zvi UKvitZ eid I gvQ -t i vnvRtq ivLv nq| AtbKmgq Sio ev evt\_ i wfZti PtUi evM eenvi Kiv nq| eZgvb eid Øviv gvQ msi ¶tYi Rb cwi K Sio eenvi Kiv nq| eutki Sio ev Abvb cPbj Z evt\_ i tPtq cwi K Sio eenvi Kiv fvj|
- FZtft\_ gvQ eid eenvt i cwi gvb Zvi Zg ntq vK| M®SKvij gvQ I eid AbgvZ 1t1 Ges kxZKvij 2t1 AbgvZ eenvi Kiv nq| mgq I cwi enb `tZj I ci vne Kti eid di cwi gvb ibafY Kiv nq|
- gvQ eid tgkvbvi Rb eid ek\_tj vK \_tov Kiv nq| evt\_ vbt vev cwi gvb eid I gvQ -t i vLvi ci tnMj vi gvj ev PtUi UKiv ev cwi v\_b v tq tXtK tmj vB Kti t qv nq|
- msi ¶tYi mgq cÖtq Sio ev cvt i Zj vq GK -t eid Zvici gvQ, Awei eid Zvici gvQ - Gfite tkI Kti mevi Dci cpiqv GK -t eid v tq evt\_ i Dcvi fvM cwi v\_b mxU ev tnMj vi PvUvB Øviv eÜ Kti v tZ nte|
- eid RvZ cxiZ tZ gvQtK 3-5 v b msi ¶Y Kiv hvq|

eid v tq gvQ msi ¶tY mZKZv

- eid ^ZvZ tZ eeuZ cwb me mgq `tYg® ntZ nte|
- gvQ msi ¶tYi Rb eeuZ cwi Abvb mi Ävgw cwi®vi ivLZ nte|

- ei t'd msi TYi Rb" mtZR ev UUKv gvQ e'envi KitZ nte|
- GKB cRmZ I AvKv i gvQ msi TY Kiv DnZ|
- `feZx -t'b cwi en'tbi Rb" tdk AvBm A\_ev , or ei d e'envi KitZ nte|
- ei d I gvtQi AbcviZ mWk ivLZ nte|
- cwi ei d I gvQ Ggbfite ivLZ nte hvZ ei d Mij Z cwb I gvtQi gjv mnRB cwi i wP w tq PBtq thZ cwi|
- GKB cwi evi evi e'envi Kitj fvj fute atq I iKKtq e'envi KitZ nte|

L) tQlU gvQ iUUKKiY

evsj v'tk mvavi YZ kxZ tgsmg mh@j vtK iKKtq gvQ c@qgvRvZ I msi TY Kiv nq| G mgq Av`Zv I ej@ Kg \_vtK Ges mh@j vtK cwi w\_b mWU ev evki PwBtq weQtq Dby^3 -t'b mh@j vtK iKtZ t'qv nq|`fute iUUK Kiv hvq|

1| c@pj Z cxiZ

c@pj Z cxiZtZ tQlU gvQ iUUK Kivi mgq wbtai awc, t'j v Abm iY Kiv nq|

- c@tg Avvni Z gvQ cwb @iv fvj fute atq cwi @vi Kti tbq nq|
- Gi ci gvQ, t'j vtK cwi w\_b mWU ev evki PwBtq weQtq Dby^3 -t'b mh@j vtK iKtZ t'qv nq|
- AveniI qv, gvtQi AvKvi I cji Zj I ci wbfP Kti gvQ iKtZ mvavi YZ 5-7 w b mgq j vtM|
- Gfute iKtbv iUUK gvtQ mvavi YZ 10-12% Rj xq Ask vtK|

2| cwi w\_b Zueyv tmvj vi tBuU w@qti gvQ iKtbv

GJ mh@j vtK gvQ iUUK Kivi GKwU DbaZi cxiZ| G cxiZtZ gvQ iKtivi Rb" evki KwWtgv w tq `@pj w@k Ntii iKvVtgv Zwii Kti Zvi Ici cwi w\_b mWU w tq tXtK Zuej AvKvi t'qv nq| Zuej tcQtbi w tK I tftStZ Ktj v cwi w\_b vtK Ges mth@p w tK gj L Kiv cwi ^0 cwi w\_b vtK| ^0 cwi w\_b tf` Kti mb@pK ZuejZ c@ek ct\_ Ges tcQtbi Ktj v cwi w\_b mh@pK tkwL Z I weKvi Z nq dtj Zuej wfZti i Zvcgv^v teto hvq| Zuej Ictii w tK wQ^3 iLv nq, th ct\_ Rj xq ev@u tei ntq thZ cwi | w@Pi w tK GK cwi wQ^3 iLv nq, th ct\_ evZm c@ek KitZ cwi | gvtK Suj tq ivLvi Rb" Zuej wfZti AvbfngKfute evki ZtK t'cb Kiv nq| m@h@ Avtj vi Ztfc Zuej ZtK iWZ gvQ t\_k cwb Rj xq ev@uvKtj Ictii wQ^3 mgm w tq tei ntq hvq| GLv@b Zvcgv^v mvavi YZ 45-55%tm. Gi gta" vtK, hv m@h@ Avtj vi Zvcgv^v t\_k A@bK teik| G cxiZtZ iUUK KitZ mvavi YZ 3-5 w b mgq j vtM|

gvQ iKtivi Z mZKZv

- gvQ iKtivi mgq Aek'B UUKv gvQ e'envi KitZ nte|
- iUUK Zwii mgq e'envh@mKj hscwZ e'en@i AvtM I cti fvj fute cwi @vi KitZ nte| cwi @vi Ktj tKwib cwb e'envi Kiv thZ cwi|
- gvQ iKtivi c@e@ eY `etY P@etq wbtj iKtivi mgq gwQ I tcvKv-gvKtj Av@ugY Kg nq| GQwvI ^0 cwi w\_b ev Rjv w tq tXtK w t j gwQ I tcvKv-gvKtj Av@ugY tiva Kiv hvq|
- Dby^3 -t'b iUUK gvQ gRj ev ,`vgRvZ Kiv DnZ|

iUUK gvQ msi TY I ,`vgRvZKtj

gvQ iUUK Kivi ci msi TY Ktj Zvi ,Y, Y tKgb \_vKte Zv wbfP Kti ,`vgRvZKtj | ci | iUUK gvQ ,`vgRvZ Kivi mgq wQ^3 hxb cwi w\_b e@tM Ggbfite ivLZ nte hvZ evZm c@ek KitZ bv cwi | ZvQvov w@tbi cwi i iUUK gvQ gRj Kiv hvq| G@P@tj j P iLZ nte w@b thb evq@b@i vaK nq| iUUK gvQ P@ui e@q gRj Kiv hvq| G@P@tj iUUK e@v@i Kbv I cwi @vi -t'b ivLZ nte| mWk cxiZtZ ,`vgRvZ Kitj iUUK gvQ A@bKw b ch@-msi TY Kiv hvq|

M) tQvU gvtQi vnu j iUvK ev Pvcv iUvK

vnu j iUvK ev Pvcv iUvK GKvU dvi tgvtUW grm"RvZ `e` | gvQ msi Y I cjuqyRvZKi tYi Abvb tKskj i gZ dvi tgvtUkb GKvU cjuqyRvZKi Y tKskj | KQy KQy DcKvix eVktUv qv t\_k btmZ GbRvBq | gvtQi t\_kni GbRvBq Aif tRtbi Abc wZtZ gvtQi ivmvqibK MVtb, wekI Kti tcuutbi cweZD Kti mij thSM DrcbeKti dtj gvtQ dvi tgvtUkb nq | Zte vnu j iUvK tejqvq AvsvkK dvi tgvtUkb Kiv nq | cju gvtQi vnu j iUvK Gt`tk tQvU gvtQi GKvU AifZ cwePZ grm"RvZ Lv` |

vnu j iUvK Drcv` b tKskj

- cjtg gvtQi bmo-fno tei Kti cwi®vi cwbZ fvj fvte atq 7-10 w b tiv` iKvbtv nq |
- gvQ iKvbtv ci gwUi Kj vmtZ (hv gUKv bvfg cwiPZ) ivLv nq | gUKvdi tfzi I evBii w tK Ab` tKvb gvtQi tZj w tq fvj fvte cij c w tq tiv` fvj fvte iKvbtv nq hvZ gUKvZ ivLv gvQ t\_kZj tkvlb KtZ b cti |
- gUKvq gvQ ivLvi AvtM kKvbtv gvQtK cpiwq cwbZ atq mviv ivZ evki Pvj tbtZ ivLv nq dtj gvtQi t\_n nZ cwb Sti hvq |
- cti i w b cwbgi H gvQ w tq gUKv Kvbtvq Kvbtvq cY®Kiv nq | evki j wvi mvnvh` tvtm tvtm gvQ fiv nq hvZ wfZti tKvb dKv RvqMv bv \_vK |
- gUKv gvQ w tq fivi ci cti i gj tfIR KxUbvK Kmvte tZij cvZv/Pv-exR , wv/Kj cvZv w tq fvj fvte eU Kiv nq Ges Zvi Dci Kvi cij c w tq Aegeq Aevqexq Ae`v eRvq ivLv nq |
- Gici gUKvU Mj chS-4-6 gvm gwUi vbtP cij ivLv nq Ges fvte gUKv ev Kj vmi gta Drcw Z grm"RvZ `e`vJB nj vnu j iUvK |
- KLtvb KLtvb gwUi vbtP cij ivLv gUKv WvUv ivLvi Rb` gwUi Dci j vD, Kgov, wmg cfwZ MvQ j vMtv nq hvZ chfB Qvqy cvl qv hvq |
- vnu j iUvK 1 gvm chS-msi Y Kiv hvq |

Avvii Z gvQ mZr YMZ gvb vK ivLvi Rb` Avni tYi cwi PhpmvKfvte Kiv DifZ | Gi dtj gvtQi fvj evRvi gj` cvl hv hvq | gvQ msi Y tYi tYi AvajbK cxiZ eenvi Kiv ntj GKv tK teuk cjo mgx gvQ cvl qv hvte | Ab` tK mviv eQIB evRviti tQvU gvtQi mi eivn \_vKte | GtZ MoxY `wi `^RbMvoxi cjo Pwv` v vboZ nte |

## wdePvU©Cwi Kí bv

<p>tQvU gQ Avni Y evRvi RvZKiY I msiTY</p>	<p>tQvU gQ Avni Y I evRvi RvZKiY</p> <p>1  Avni Y - AvsikK Avni Y - mruY©Avni Y</p> <p>2  evRvi RvZKiY weteP' weI qmgm        • evRvi ` i hvPvB I tμZvbaY Kiv        • tRtj I Rij , cwi gycK hši Wg ev KfUBbvi I cwi enb e'e'vWK Kiv        • cwi enbKv j xb msiTYi Rb' cv̄ I ei tdi e'e'v Kiv</p>
<p>Avni tYi ci tQvU gQ UvUKv ivLvi cxiZ</p> <ul style="list-style-type: none"> <li>• Avni tYi ci gQ tivt` tdtj bv ti tL cwi®vi cwbtz fvj fvté atq hZ ` Z mre gQtK ei tdi msiTY Kiv DnPZ  </li> <li>• fvj fvté PY©Kti gvtQi -tli Dcti I wbP eid w`tZ nte   M®SKv j gQ I ei tdi AbcivZ 1t1 Ges kvZKv j 2t1 AbcivZ eenvi Kiv nq  </li> <li>• cwi entbi Rb' cwi K Sio ev ev. eenvi Kiv fvj   Sio ev ev. gQ ivLvi mgq tLqyj ivLtz nte hvZ gvtQi Dci temk PvC bv cto  </li> <li>• cwi PhP Ges cwi enbKv j gvtQi gvsmtckx hvZ bó bv nq tmw` tK wetcKl hZeb nZ nte  </li> </ul>	<p>tQvU gQ msiTY I cüqyRvZKiY</p> <p>1  bfvte tQvU gQ msiTY I cüqyRvZ Ki v hvq  </p> <p>1  ei dRvZKiY (msiTY cxiZ)</p> <p>2  tUWKKiY (cüqyRvZKiY) K) cPij Z cxiZ L) tmvj vi tUvU Wqvi cxiZ</p> <p>3  wmu j xKiY (dvi tgUkb cüqyRvZKiY)</p>

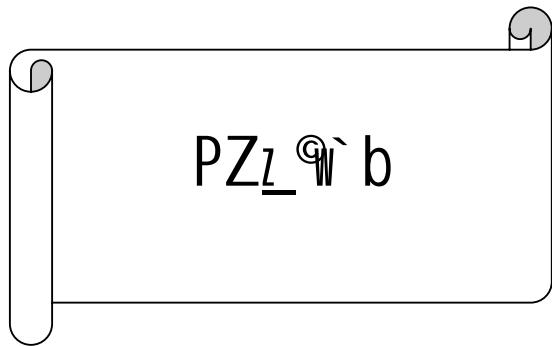
mvÜ Kvj xb KvR  
(†QvU ` j xq Abkjxj bx)

avb tP‡Z tQvU gvQ Pv‡I i g‡Wj c‡ZKiY

G Abkjxj bxi D‡l k" nt"Q AskMnYKvi xMY avb tP‡Z †` kxq c‡RwZi tQvU gvQ Pv‡I i newfbœavb tP‡Zi g‡Wj m¤ú‡K  
avi Yv ct‡eb |

Kv‡Ri avi v

- 1| AskMnYKvi x‡` i Pv‡U tQvU ` tj newf<sup>3</sup> Ki‡eb | tQvU ` j Av‡j vPbv K‡i wR wR Gj vKvi Dc‡hMx avb tP‡Z tQvU  
gvQ Pv‡I i newfbœc‡Z P‡yZ Ki‡eb |
- 2| c‡kP‡Yv \_MY Zv‡` i P‡yZ c‡wZ‡U eo KvM‡R wP‡†i gva‡g ci‡` b ` j MZfv‡e Dc †cbv Ki‡eb |



## Aia`tekbi c̄wí Kí bv

w̄ b t 04

m̄Kv̄j 08.00-09.00

tgq̄v̄ Kv̄j t 60 w̄gibU

w̄kti v̄bvg	t c̄p̄iv̄tj v̄Pbv, c̄Zfve   Dc̄-v̄cbv
Afxo`j	t grm̄ Aia`Bi   Ab̄v̄b̄ ms̄vi KḡZfe,
j P̄	t c̄k̄P̄Yv̄_x̄P̄ i cēw̄ t̄bi Kv̄h̄p̄tgi c̄p̄iv̄tj v̄Pbv   c̄Zfve Ges m̄Ü`Kv̄j xb Kv̄R Dc̄-v̄cbi m̄thwM K̄ti t̄qv̄ h̄v̄Z Zv̄v̄ c̄teP̄ Av̄tj v̄Pbv -š̄Y KītZ c̄t̄bi Ges f̄j̄ -μ̄U m̄st̄kvab K̄ti Aia`tekbi Kv̄h̄Rwi Zv̄v̄p̄x KītZ c̄t̄bi
D̄t̄l̄ k̄	t G Aia`tekbi t̄k̄l̄ c̄k̄P̄Yv̄_x̄M̄ cēw̄ t̄bi w̄k̄P̄Y c̄p̄iv̄tj v̄Pbv i ḡv̄āt̄g f̄j̄ -μ̄U m̄st̄kvab K̄ti HK̄gtZ tc̄S̄Q̄tZ m̄q̄g n̄teb

w̄l qm̄P̄	Avtj v̄P̄ w̄l q	c̄k̄P̄Y t̄K̄skj	m̄q̄
f̄w̄gKv̄			5 w̄gibU
	<ul style="list-style-type: none"> <li>• -MZg</li> <li>• P̄j̄ w̄Z Aia`tekbi m̄t̄ m̄st̄hwM</li> </ul>	ē³Zv̄	
w̄l qē-			50 w̄gibU
	<ul style="list-style-type: none"> <li>• c̄Z̄w̄nK Rv̄b̄f̄j̄ Dc̄-v̄cb c̄k̄P̄K cēw̄ t̄bi w̄beP̄Z c̄k̄P̄Yv̄_x̄K c̄Z̄w̄nK Rv̄b̄f̄j̄ t̄t̄K 5 w̄gibU ej̄ vi Rb̄ Ab̄j̄iva Kit̄eb̄   c̄ḡ c̄k̄P̄Yv̄_x̄Zv̄i c̄Z̄w̄nK Dc̄-v̄cb t̄k̄l̄ Kit̄j̄, Ab̄ t̄KD Av̄i t̄Kv̄b w̄t̄k̄l̄ w̄k̄P̄Yxq w̄l q̄ Dc̄-v̄cb Kit̄Z ĀM̄b̄x̄ w̄Kv̄b Zv̄ c̄k̄eK̄ti Rv̄b̄t̄eb Ges t̄KD ĀM̄b̄x̄ _V̄t̄j̄ Zv̄t̄K̄ Dc̄-v̄cb Kivi m̄thwM w̄t̄eb̄  </li> <li>• cēw̄ t̄bi c̄p̄iv̄tj v̄Pbv c̄k̄P̄K GKRb c̄k̄P̄Yv̄_x̄K m̄n̄v̄q̄K w̄t̄m̄t̄e w̄beP̄b Kit̄eb̄, w̄t̄b̄ MZ w̄t̄bi mḡ - Kv̄h̄p̄ug   w̄k̄P̄Yxq w̄l q̄ t̄j̄ v̄c̄k̄eK̄ti i ḡv̄āt̄g c̄p̄iv̄tj v̄Pbv Kit̄eb̄  </li> <li>• ḡW c̄wí `k̄b̄ c̄Z̄t̄e` b Dc̄-v̄cb</li> </ul>	ē³Zv̄ c̄k̄eK̄ti	
m̄vi -m̄st̄P̄c	5 w̄gibU		
	<ul style="list-style-type: none"> <li>• c̄Z̄w̄nK Rv̄b̄f̄j̄   m̄Ü`Kv̄j xb Kv̄t̄Ri Dc̄-v̄cb Ges c̄Z̄w̄nK c̄j̄v̄tj v̄Pbvq Ask M̄t̄bi Rb̄ m̄Kj̄ t̄K̄ ab̄ev̄` Av̄cb̄  </li> </ul>	ē³Zv̄   c̄k̄eK̄ti	
c̄k̄P̄Y m̄n̄v̄q̄K m̄v̄gM̄t̄ t̄nv̄q̄BU tev̄W̄c̄gv̄K̄, BZ̄w̄`			

## Añatekb cwi Kí bv

w b t 4

mgq t 09.00-10.00

tgqv` Kyj t 60 mgibU

wk̄tivbg	t GBP AvB w̄f GBWn cÖz̄tiva
Añfó`j	t grm` Añá`Bi I Ab̄vb ms̄vi KgRZé`
j TY	t cikTYxP i‡K GBP AvBw̄f GBWn cÖz̄tiva m̄úKZ aviY cÖvb Kiv, h‡Z Zuv G Ávb K‡R j wMtq wbtRi Rxetb GBWn t̄M t_‡K wbiw̄c` _wK‡Z cv̄ib Ges grm` Pwl ‡ i‡KI wbiw̄c` ivL‡Z cÖqRbxq mnthwMzv KitZ cv̄ib
D‡ík	t G Añatekb cikTYxMY GBWn Ges GBWn-Gi wēvi cÖz̄tiva wētq Z_-wFÉK Ávb AvniY Ki‡eb Ges G m̄úK‡ej ‡Z cv̄ib I gQ Pwl ‡ i tkLw̄Z cv̄ib

wēqmP	Av̄j w̄P wēqmgn	cikTY cxiw̄Z	mgq
fugKv			5 mgibU
	<ul style="list-style-type: none"> <li>‐MZg</li> <li>ce@ZrAñatekbib cbiw̄j wPbv</li> <li>Pj wZ Añatekbib AeZvi Yv</li> <li>Añatekbib D‡ík ēvLv</li> </ul>		
wēqe-			50 mgibU
	<ul style="list-style-type: none"> <li>GBWn Kx</li> <li>GBPAvBw̄f Kx</li> <li>GBWn-Gi j TY</li> <li>GBWn Kxfvte wēvi j w̄f K‡i</li> <li>GBWn cÖz̄tivai Dcvq</li> <li>i³ ciw̄Mvi</li> </ul>	e³Zv I cikTYi tkškj	
mvi mst‡ic			5 mgibU
	<ul style="list-style-type: none"> <li>D‡ík hPvB</li> <li>gj wēq cbiw̄j wPbv</li> <li>n̄vU AvDU weZiY</li> <li>cieZrAñatekbib mvt_ msthwM w̄cb</li> <li>ab̄er` Ávcb</li> </ul>	cikTYi tkškj	
cikTY mnwqK mgM t fwqvBU teWw̄dēKw̄gKv , n̄vU AvDU, BZ w̄			

## GBP AvB wif GBWn cÖZtiva

### GBWn (AIDS) Kx ?

Acquired Immune Deficiency Syndrome mst¶¶c AIDS | GBWn n‡Q Human Immune Deficiency Virus (HIV) ms¶¶igZ GKU tivM | G tivMi dtj kixti i tivM cÖZtiva ¶gZv axi axi bô n‡q hvq | G tivMi KvhRi tKvb wPKrmv Avne-Z bv nl qaq GtivMi cwi YwZ gZi | GBWn GKU nektRov bZb mgm v| c¶\_xi cÖZU RwZ GBWn-Gi úg¶ki m¶¶xb |

### GPBAvBwf (HIV) Kx ?

GPBAvBwf GKU tifU fvBij (Retrovirus), fvBimU gybet`tni cÖZtiva c¶yj xi w-tnj cvi tKvI c¶ek Kti Ges Zvi tfZti tRbUK c`v\_K -lqxfite ašk Kti tdtj | dtj Avjuš-gvbj Zvi tivM cÖZtiva ¶gZv nwi tq µgMZ `e¶ n‡q cto | Kvi I it³ GPBAvBwf cvl qv tMtj B D³ e¶w³ GBWn Øvi v Avjuš-ej v hvte bv| GKRb GBWn Avjuš-e¶w³ Zvi GBWn tivMi j ¶Y c¶kv cvl qui c¶e¶ (Zvi GBWn n‡qZ Zv tm Rvfb bv) Ab` tj vKtK ms¶¶igZ KtZ cvi | GKRb e¶w³ i GBWn n‡qZ ZLB ej v nte hLb Zvi it³ GPBAvBwf cvl qv hvq Ges GK ev GKwAK mthwM mÜbx mµgtY Avjuš-nq thgb wle, µgMZ Wwqwi qv BZw |

### AIDS-Gi j ¶Y

tKD GBPAvBwf Øvi v Avjuš-wKbv Zv i³ cix¶v Kti wboZ nl qv hvq | i agv j ¶Yi lci wbfP Kti tKD GBPAvBwf-tZ Avjuš-ej v hvte bv| AtbK gvbj GPBAvBwf-tZ Avjuš-wKs eü eQi j ¶Y ev wPý wenxb \_vKtZ cvi | mawi YZ GPBAvBwf-tZ Avjuš-ti wxi wbgiefc j ¶Y t` Lv thtZ cvi |

<ul style="list-style-type: none"> <li>• g¶L Nv</li> <li>• Kwk</li> <li>• Rj</li> <li>• Wwqwi qv</li> </ul>	<ul style="list-style-type: none"> <li>• wD¶gwboqv</li> <li>• klmZtšj tivM</li> <li>• tctUi tivM</li> <li>• Pg¶i vM</li> </ul>
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### GPBAvBwf (HIV) GKRbi kixi t\_k Ab`Rtbi kixti wKfite ms¶¶igZ nq

- Avjuš-e¶w³ i mvt\_Ai¶Z thšb wqj tb |
- Avjuš-e¶w³ i i³ ev i³ RvZ c`v\_Kixti M¶Y |
- Avjuš-e¶w³ i e eüZ mP, wwi Ä I ¶Z mjoKvix hšcwZ (thgb-Qwi, te¶, w¶w³wi Kwp) Rxeygj³ bv Kti e envi Kitj |
- Avjuš-gv t\_k K Mf¶e-¶q, c¶heKitj A\_ev ejKi `p LvI qrtbvi gva¶g wki iv Avjuš-n‡Z cvi |
- Bb¶RKkbi gva¶g giv K M¶Y Kivi mgq Avjuš-e¶w³ i mstM GKB wwi Ä/mB e envi Kitj |

### wKk Kvi tY GBPAvBwf (HIV) GKRbi kixi t\_k Ab`Rtbi kixti ms¶¶igZ nq bv

- GBPAvBwf Avjuš-e¶w³ i KvQ Gtj wKsev ZvK tuk¶Kitj B GBPAvBwf Qovq bv |
- Awj ½b ev Kig`B Kitj |
- Kwk Ges nmpí gva¶g |
- Uqtj U/j wUj, tUj tdb, \_vj w, Mw, PwgP, tZqvtj, gkv, Kvc, weQvbi Pv`i A\_ev c¶Kii i cwbí gva¶g | Qovq bv

### GPBAvBwf (HIV) cÖZtivai Dcvq

- mshg A\_ev wbiw ` thsb m/zgi e`e`v| wbiw ` thsb PPej tZ wek|-GKMgix m/wK^A\_F i ay`vgy-`xi m/z thsb m/wK^KB ejSvq|
- thsb wqj tbi mgq DrKó gytbi KbWg e`envi Kiv| GBPAvBwf msyugY cZti wta KbWg AZ^S-KihRi h/w wbgngZ (cZevi thsb wqj b) m/wKfute (i i` t\_kl chS) e`envi Kiv nq|
- wbiw ` i^3 ciw mAy tbi e`ev`v MnY| i^3 ciw Kti GBPAvBwf-i AbcywZ wboZ n/q wbiw ` i^3 MnY|
- BbRKKtbi mgq GKB m/wi Ä ev m/w ev tQ` bKix hScwZ GKevi gy (One Time) e`envi Kiv|
- GBWn Abvpuš-Rui / p/wi Zi wek|-m/wK^GBPAvBwf t\_kl i`v Kitz ci|i |
- GBPAvBwf msyugZ gyqi MfaviY t\_kl weiz \_vKv| GBPAvBwf-tZ Avpuš-ever-gyqi 0iv Zvi kii msyugZ n/qi m/wbvi cDj | Gai`Yi `p/wi ev`Pv tbi qvi m/wS-MhY Kitj (W^3y/i ciwgkutg) cDqyRbxq wbiw ēvi e`e`vbtZ nte, hvtZ ev`Pvi gta` GBPAvBwf bv Oovq|
- GBPAvBwf Kfute we`v j`v Kti tm m/wK^me^f i RbMfYi Rvbv DIPZ| tmRb` e`vck cDvibvi gva`tgb RbmPZbZv Mto Zj tZ nte|
- m/wCwi agiq i wZbwZ ciw bki Zt mshgx n/qi Af`v mto Zj tZ nte|

GBPAvBwf 0iv Avpuš-nj wK Kitz nte

Kvitv GBPAvBwf msyugY NtUto m/t n nqj W^3y/i i m/z thMwthM Kitz nte | wK Kti Atb`i t`tn GB tivMi we`v tiva Kiv hvq Ges wbtRi -t`i hZabtZ nq, tm m/wK^GB fvbivtm Avpuš-ti wxi Rvbv LpB cDqyRb |

tKv\_wq GBPAvBwf ciw Kiv nq

SikCvAvPi`Yi ci i^3 GBPAvBwf GwUewW mbv^3 KitYi Rb` Kgc`Q Qggwm (Qggym ci thKv mgq) Atc`v Kitz nte | Qggwm ci i^3 ciw wq 99% m/wK nq | Qggwm cte^i^3 ciw Kitz m/wKfute GBPAvBwf-Gi Dcw`Z mbv^3 Kiv bvi thKv tci | wbgw wLZ -t`b GBPAvBwf-Gi ciw Kiv nq |

- fvbti`j Rx wcvUfgU, e`zeÜztKL gvwRej i`ngv wKrmv wekje`vq, kyneM, XvKv|
- fvbti`j Rx j`veti Uwi, mwBÝ wWwfkb, AvBmwWwAvi we, gnvLyj x, XvKv|
- tiW wptmU i^3`v tK`^ XvKv|
- mKj tgwKtKj Ktj R mgn|

ZvQov -t`i Avia` Bti i wewfbacZovt`b GBPAvBwf-Gi Dcw`Z ciw Kiv nq |



## wde PvUcwí Kí bv

GBP AvB wf GBWn cÍZtiva	GBWn (AIDS) Kx? Acquired Immune Deficiency Syndrome msT]tC AIDS (GBWn) n‡Q Human Immune Deficiency Virus (HIV) msþingZ GKU tivM
GBPAvBwf (HIV) Kx? <ul style="list-style-type: none"><li>• Human Immune Deficiency Virus (HIV)</li><li>• GBPAvBwf GKU tivBij (Retrovirus), fvbimU gibet`tni tivM cÍZtiva ¶gZv bó Kti t`q </li><li>• GKRb ew³i GBWn ntq‡Q ZLbB ej v nte hLb Zvi i‡³ GBPAvBwf cvl qv hvq Ges GK ev GKwAK m‡hwM mÜvbx mµgtY Avþvš-nq thgb wne, µgvMZ Wqni qv BZ`w`  </li></ul>	GBWn Gi j TY <ul style="list-style-type: none"><li>• g‡L Nv</li><li>• Kwk</li><li>• Rj</li><li>• Wqwi qv</li><li>• wD‡gwibqv</li><li>• klmZ‡sj tivM</li><li>• tctUi tivM</li><li>• Pg¶ivM</li></ul>
GBPAvBwf (HIV) wKfite mþingZ nq <ul style="list-style-type: none"><li>• Avþvš-e³i m‡_Ai wZ thšb wqj tb </li><li>• Avþvš-e³i i³ ev i³RvZ c` _%Kixti MhY </li><li>• Avþvš-e³i e³eüZ mP, mmwi Ä i ¶Z mþoKvi x hšçwZ (thgb-Qwi, teW, Ww³wi Kwp) Rxeygj³ bv Kti e³envi Kitj  </li><li>• Avþvš-gv t_‡K Mfie^-iq, cñeKtj A_ev ejKi `p Lvl qitvvi gva³tg wki i Avþvš-n‡Z cñti  </li><li>• BbtRKktbi gva³tg gv` K MhY Kivi mgq Avþvš- e³i mstM GKB mmwi Ä/mB e³envi Kitj  </li></ul>	GBPAvBwf (HIV) cÍZtivai Dcvq <ul style="list-style-type: none"><li>• mshg A_ev wbiwc` thšb m‡gi e³e^-v </li><li>• thšb wqj tb  bi mgq DrKó g‡bi KbWg mWKFite e³envi Kiv </li><li>• wbiwc` i³ ciw mÂvj tb  e³ev^-v MnY  BbtRKktbi mgq GKB mmwi Ä ev mP ev tQ` bKix hšçwZ GKevi gv† e³envi Kiv </li><li>• GBPAvBwf msþingZ gv Mfavi Y t_‡K weiz _vKy </li><li>• evcK Rbm‡PZbzv Mto tZv v </li><li>• m‡ecwi agq i wZbwZ cvj bKi Zt mshgx nI qvi Afvm Mto tZv v </li></ul>

## Awatek̥b c̥wi Kí bv

w̥ b t 04

mKv̥ t 10.00-14.30

tqqr̥ Kv̥ t 270 w̥gibU

w̥k̥t̥i v̥bvg	t g̥V c̥wi ` k̥θ
Afxo `j	t grm̥ Awa`B̥ti i Kg̥RZ̥fe,
j ɬ̥	t G Awatek̥b c̥lk̥Yv̥_ɬ̥ i g̥V c̥wi ` k̥bi w̥v̥fb̥w̥el q̥ m̥v̥út̥K̥Rv̥bv̥t̥bv̥ n̥te h̥t̥Z̥ Z̥v̥v̥ md̥j̥ fv̥te g̥V c̥wi ` k̥θ̥ m̥v̥úb̥oK̥vi j̥ ɬ̥ c̥l̥q̥Rbxq̥ c̥l̥v̥Z̥ M̥b̥ Ki̥t̥Z̥ c̥v̥i̥b̥
D̥t̥i̥ k̥	t Awatek̥b t̥k̥t̥l̥ AskM̥h̥YK̥vi x̥MY-
	<ul style="list-style-type: none"> <li>• g̥V c̥wi ` k̥bi w̥b̥ig̥E̥ c̥l̥q̥Rbxq̥ Dc̥Ki̥Yw̥` mb̥v̥³ Ki̥t̥Z̥ c̥v̥i̥t̥eb̥  </li> <li>• mb̥v̥³ Dc̥Ki̥Ymg̥n̥ ms̥M̥b̥ I̥ g̥t̥V c̥v̥i̥en̥t̥bi̥ j̥ ɬ̥ ms̥M̥W̥Z̥ Ki̥t̥Z̥ c̥v̥i̥t̥eb̥  </li> <li>• g̥t̥V t̥ k̥xq̥ c̥R̥w̥Z̥i̥ t̥Q̥U̥ g̥v̥Q̥ P̥v̥ e̥e̥-̥t̥cb̥v̥ I̥ Ab̥v̥b̥ Z̥_̥ m̥v̥K̥ fv̥te ms̥M̥b̥ Ki̥t̥Z̥ m̥v̥l̥g̥ n̥teb̥  </li> <li>• g̥V c̥wi ` k̥bi̥ c̥l̥Z̥t̥e̥` b̥ Z̥i̥x̥ I̥ Dc̥-̥v̥cb̥ Ki̥t̥Z̥ m̥v̥l̥g̥ n̥teb̥  </li> </ul>

w̥l̥q̥m̥P̥	Avt̥j̥v̥P̥ w̥l̥q̥	c̥x̥W̥	mgq̥
f̥w̥g̥K̥v̥			15 w̥gibU
	<ul style="list-style-type: none"> <li>• -̥M̥Z̥g̥</li> <li>• P̥j̥ w̥Z̥ Awatek̥t̥bi̥ c̥p̥i̥v̥t̥j̥ v̥P̥b̥</li> <li>• e̥Z̥@̥b̥ Awatek̥t̥bi̥ m̥v̥t̥_̥ ms̥t̥h̥w̥M̥ -̥v̥cb̥</li> <li>• Awatek̥t̥bi̥ D̥t̥i̥ k̥ e̥v̥L̥v̥</li> </ul>	c̥l̥k̥t̥E̥i̥ I̥ Avt̥j̥v̥P̥b̥	
w̥l̥q̥e̥-			230 w̥gibU
	<ul style="list-style-type: none"> <li>• g̥V c̥wi ` k̥bi̥ -̥v̥b̥</li> <li>• t̥ k̥xq̥ t̥Q̥U̥ g̥v̥Q̥ P̥v̥t̥ i̥ L̥v̥g̥t̥i̥ i̥ Ae̥-̥v̥b̥</li> <li>• h̥v̥i̥ mgq̥</li> <li>• t̥di̥Z̥ Ḁv̥m̥i̥ mgq̥</li> <li>• c̥l̥Z̥t̥e̥` b̥ c̥b̥q̥b̥</li> <li>• `j̥ M̥v̥b̥ I̥ g̥V c̥wi ` k̥b̥ ms̥M̥p̥x̥Z̥e̥ Z̥t̥_̥i̥ Z̥w̥j̥ K̥v̥ c̥l̥q̥b̥</li> </ul>	c̥l̥k̥t̥E̥i̥ e̥³̥Z̥v̥, Avt̥j̥v̥P̥b̥, e̥t̥D̥b̥ t̥ccv̥i̥, c̥k̥t̥	
m̥v̥-m̥s̥t̥ɬ̥c̥			25 w̥gibU
	<ul style="list-style-type: none"> <li>• gj̥ w̥l̥q̥m̥g̥n̥ c̥p̥i̥v̥t̥j̥ v̥P̥b̥</li> <li>• D̥t̥i̥ k̥ h̥v̥P̥b̥</li> <li>• c̥i̥e̥Z̥@̥Awatek̥t̥bi̥ m̥v̥t̥_̥ ms̥t̥h̥w̥M̥</li> <li>• ab̥e̥v̥` Áv̥b̥</li> </ul>	e̥³̥Z̥v̥ I̥ c̥l̥k̥t̥E̥i̥	
c̥l̥k̥Y̥ mn̥v̥q̥K̥ m̥v̥g̥M̥t̥ w̥DR̥ic̥U̥, t̥n̥v̥q̥BU̥ t̥e̥W̥g̥K̥f̥, t̥PK̥v̥j̥ ó̥, c̥i̥g̥t̥b̥U̥ g̥v̥K̥f̥, w̥d̥c̥P̥v̥U̥ Ab̥k̥ij̥ b̥ k̥x̥U̥, B̥Z̥w̥`			

## Aiatekb ci Kib

w b t 05

mKj t 08.00-09.00

tgq` Kj t 60 wib

wkivi vbg	t cipivj vPbv, cikfve   Dc'icbv
Afxo`j	t grm' Aia`Bi   Ab'v ms'vi KgkZfe`
j pi	t cikpiy vPbv i ce'v tbi Kvheutgi cipivj vPbv   cikfve Ges mvU'Kj xb KvR Dc'iccbi mfhM Kti t'qv hvZ Zviv cte'v Avij vPbv -si Y KitZ cifti b Ges fji -mu mstkvab Kti Aiatekbibi Kvhkwi Zvew KitZ cifti b
Df'k	t G Aiatekb tkil cikpiy vPbvi gra'tg fji -mu mstkvab Kti HK'gtZ tcso'Z mlg nteb

wel qmip	Avtj vP' wel q	cikpiy tksj	mgq
fngKv			5 wib
	<ul style="list-style-type: none"> <li>-MZg</li> <li>Pj wZ Aiatekbibi mft_ mfhM</li> </ul>	e^3 Zv	
welqe'			50 wib
	<ul style="list-style-type: none"> <li>cikzinK Rvbij Dc'icb cikpiK ce'v tbi wbePZ cikpiy_xK cikzinK Rvbij t'K 5 wib ej vi Rb' Abtiva Kiteb  clog cikpiy_xZv cikzinK Dc'icb tki Kitj , Ab' tKD Avi tKvb wtki wkpYq welq Dc'icb KitZ AvMbx wKbv Zv cikpiy Rvbteb Ges tKD AvMbx_vKtj ZvK Dc'icb Kivi mfhM w' teb  </li> <li>ce'v tbi cipivj vPbv cikpiK GKRb cikpiy_xK mnvqK wntme wbePb Kiteb, wib MZ w' tbi mg' -Kvhfig I wkpYq welq, tji cikpiy tii gra'tg cipivj vPbv Kiteb  </li> <li>gvw ci Kt cikfve b Dc'icb</li> </ul>	e^3 Zv cikpiy	
mvi -mstpiC			5 wib
	<ul style="list-style-type: none"> <li>cikzinK Rvbij   mvU'Kj xb KvR Dc'icb Ges cikzinK cipivj vPbv Ask Mftbi Rb' mKj tK ab'ev` Avcb  </li> </ul>	e^3 Zv   cikpiy	
cikpiy mnvqK mvgM t tnvgvBU teW©gvK , BZ w`			

## Awatek̩b c̩i Kí bv

w̩ b t 05

mKv̩j 09.00-10.00

tgq̩` Kv̩j t 60 w̩gibU

w̩kt̩i v̩bvg	t `jh̩M e̩e̩-v̩cbv
Afx̩o `j	t grm̩ Awa`Bi I Ab̩v̩b̩ ms̩-vi KgRZfe,
j P̩	t c̩kP̩Yv̩-i `jh̩M e̩e̩-v̩cbv m̩útK̩mg̩K avi bv t` l qv h̩tZ Zv̩v G Ávb Kv̩tR j w̩Mtq g̩Q P̩wl † i I grm̩ R̩wet̩ i †K c̩lq̩Rbxq mn̩thw̩Mzv Kit̩Z cv̩teb
D̩t̩i k̩	t G Awatek̩b tk̩t̩l c̩kP̩Yv̩-MY m̩wet̩ `jh̩M e̩e̩-v̩cbv I c̩beñb m̩útK̩ej t̩Z cv̩teb I g̩Q P̩wl † i I grm̩ R̩wet̩ i tk̩Lvt̩Z cv̩teb

w̩l qm̩P	Avt̩j v̩P̩ w̩l q	c̩kP̩Y t̩Kškj	mgq
f̩igKv̩			4 w̩gibU
	<ul style="list-style-type: none"> <li>-MZg</li> <li>ce@Zr̩Awatek̩bi c̩pi v̩j v̩Pbv</li> <li>eZ@b Awatek̩bi m̩t̩_msthw̩M -v̩cb</li> <li>Awatek̩bi D̩t̩i k̩ e̩v̩L̩v̩</li> </ul>	c̩kP̩Ei I Avt̩j v̩Pbv	
w̩l qe-			50 w̩gibU
	<ul style="list-style-type: none"> <li>`jh̩M mg̩tq grm̩ Awa`B̩ii Ki Yxq</li> <li>c̩beñb ch̩tq grm̩ Awa`B̩ii Ki Yxq</li> <li>-rf̩weK mg̩tq grm̩ Awa`B̩ii Ki Yxq</li> <li>`jh̩M tg̩Kv̩tej v̩q Dc̩tRj v̩ K̩g̩v̩ui m̩sMV̩bK ijct̩i Lv̩</li> </ul>	c̩kP̩Ei e³Zv̩ Avt̩j v̩Pbv g̩b̩ w̩P̩š̩i So w̩d̩cPv̩U̩C	
mvi -mst̩P̩c			6 w̩gibU
	<ul style="list-style-type: none"> <li>g̩j w̩l q-mgn̩ c̩pi v̩j v̩Pbv</li> <li>D̩t̩i k̩ hv̩Pv̩B</li> <li>c̩ieZr̩Awatek̩bi m̩t̩_msthw̩M</li> <li>n̩v̩ÉAvDU w̩Zi Y</li> <li>ab̩ev̩ Ávcv̩ </li> </ul>	e³Zv̩ I c̩kP̩Ei	
c̩kP̩Y mn̩qK m̩gM̩t n̩v̩ÉAvDU, t̩n̩q̩v̩BU teW̩C̩bDRic̩E, g̩K̩i, w̩d̩cPv̩U̩C̩ Ab̩kxj b kxU, BZ̩w̩			

## `#hM e'e'vcby

~fweK Kvhfej x maw` b e'ZxZ | `#hM el tq grm" Aia` Bi wbaewY `wqZ; cij b Ki te|  
~fweK mgqt

- K) Aia` Bti GKRb `#hM tdkyj ctqU gtbvbxZ Ki te Ges Zvw `#hM e'e'vcby ejtivn msikemKj KZEPtK AeinZ Ki te|
- L) Aia` Bivaxb msikemKj wd Awdmvi MY hvtZ ciz eQi ebv glmg i'i cteB grm" PwItP, iwmqibK `ew, mwR-mi Avg, Rj hwb Ges j ciwenYhb mn` Bti i wR^maw` mgtni wivcEvi Rb" ctqRbxq mZKZvgj K e'e'v MhY Ktib Zvw wboZ Ki te|
- M) wiks j vBtmY c0vbi cteciz Uj vti lqvitj m I tiWI tmU Ges gwQ aivi tbSKvngtn tgwi b wdmvi R Awdmvi tiwRtobk AvtQ wKbv Zvw hvPb Ki te|
- N) etwicmMti grm" wKviiZ mKj gwQ aivi tbSKv / Uj vti tiWI wimwfs tmU I D3 hvtb DcwZ cizK e'w3 i Rb" j vBd Rvku, eqv ivLw wboZ Kivi j tP DchjB AvBbMZ I ckmibK c'tPc MhY Ki te|
- O) NwSo / Rj vQmcEY Gj vKvngtni mi Kwi I temi Kwi grm" maw` mgtni GKwZ Zvij Kv cVqb I msi Y Ki te Ges mw` @ mgq ci ci D3 msKj b nvj bwM` Ki te|
- P) NwSo Gj vKvngtni grm" Rwe RbmsLvi Rixc Ki te I Rixci \_vbw-wfEK DchjB msKj b cVqb Ki te| mw` @ mgq ci ci D3 msKj b nvj bwM` Ki te|
- Q) Dxi Kvi x RvnwR wnwte e'envi i DcthwMx mgj Mgx gwQ aivi RvnwRmgtni GKwZ Zvij Kv (Zvnt` i gwj K/ Pj tKi wKbwmn) cVqb I msi Y Ki te|
- R) evsj v` k cwb Dbqj tevW Gi mtz Avtj vPbvuqg hvtZ wPswo PwI Gj vKvi mi Kvi era I ~PPmgn mgv` K Rj vQimi dtj j eby3 cwb ctek tiva Kivi gZ DPwI ht\_ó kwi3kj x nq Zv wboZ Ki te|
- S) Dckj xq cKigmgn ntZ j eYv3 cwb ewni Kti t lqvi KvR kwi3PwI Z ctuui j fZv mawtK@evsj v` k Kwi Dbqj KtcPikb Gi mtz mgsh Kite|
- T) gwv chiqi Awdmvi, ovd Ges grm" Rwe mawtK NwSo tgvKtej v ciz, ctekMZ tPqPZ Ges cbeimb mawtK@cikY Ges cwiPwZi e'e'v Kite| grm" I cimaw` gshY q I grm" Aia` Bti i gwv chiqi KgZPges KgPwimYtK G e'vci t cikRbq cikY c0vbi e'e'v Kite|

## `#hM mgqt grm" Aia` Bti i Ki Yqjt

- K) evsj v` k cwb Dbqj tevW mtz Avtj vPbvuqg G e'vci t wboZ nte th ewavmgtni ~PP tMUmgn DchjB vte Zvi I msi Y Z, hv j eYv3 cwb ctek I wMgY Ges ht\_ó kwi3kj x hv ctej Rj vQimi dtj mp tmZi avv mn` I j eYv3 cwb ctek tiva KtiZ mPqg|
- L) grm" maw` LvZ tPZi cwi gwv wbfctbi Rb" Avtj tPwRixc KvthP e'e'v Kite Ges grm" mawt` i mi Kwi I temi Kwi LvZi Rb" Avtj tPwRixc KvthP e'e'v Kite| grm" I cbeimb cwi Kiv cVqb Ki te|
- M) Dxi Awdhutbi Rb" mgj Mgx RvnwR wKbRkb Kivi e'vci t wboZ cikmbtK mnwqZv c0vbi Ki te|
- N) Aia` Bti wboZ KtP cwi Pj bv Ki te Ges ~wboZ mgsh KugutZ thwMhM KgZPtcY Ki te|

## cbeimb chiq grm" Aia` Bti i Ki Yqjt

- K) mi Kwi I e'w3gwj Kvbaeb cKj ntZ j eYv3 cwb cteu Kti ewni Kivi Rb" cteu j fZv weI tq ~wboZ cikmb I evsj v` k Kwi Dbqj KtcPikb Gi mtz mgsh mwab Ki te (NwSo `#hM tP|)|
- L) mi Kwi I e'w3gwj Kvbaeb DfqtP tP grm" maw` LvZ Avtj tPwRixc KvthP e'e'v Kite| cbeimb cwi Kiv cVqb I evvqg Kite|

- M) ¶ZMÜ-cKi I Lvgvi cjt grm" PvI DcthwMx Kivi Rb" temi Kwi grm" PvIx` i KwiMix cingk©cÜvb Ki te|
- N) TiY I cþeñtib ~bxq cþvmbtK mKj mnvqZv I mnþhwMzv cÜvb Ki te|
- O) ¶ZMÜ-grm"Rxe I grm" PvIx` i Rb" FY mnvqZv Ges Abj vtbi e"e"v Kivi KgñP MñY Ki te|
- P) ¶ZMÜ-cKi gwj Kt` i tK grm" tcvbi mi eivn Ges grm" PvI KwiMwi cingk©cÜvb Ki te|

grm" Aia`Btii gW chñq grm" Aia`Btii wefwM, tRj v Ges  
DctRj v I cþR±mgtni wdì Awdmvi MY wbgij LZ Kgñgn mñur` b Ki teb|

~fweK mgdq gW chñq grm" Aia`Btii Ki Yxqt

- K) cÜZ ermi NySo/ ebv tgñq i i" nI qvi cþeB NySo/ ebvcteY Gj vKvi gWQ aivi tbSKvmgn, Uj vi, wdkks Mqvi, gWQ aivi KwiMwi hñcwZ, grm" tcvbi I grm" cij b óK Ges grm" Avev` mgtni wbivcEv I mij ¶vi Dñl`k cþqRbxq mZKñgj K e"e"v MñtYi Rb" grm" Aia`Btii wdì Awdmvi MY K.I.K Ges grm" PvIx` i mRwM Ki te|
- L) Aaxb~' Awdmgn, wdkks grm" PvIx Ges grm"Rxe cÜZiba cþuZi mt½ cwi`Btii MñZ wbR~^cwi Kí bv Abjnti cÜZi Ae"v cix¶v Ki te|
- M) ~hñM Pj vKj xb mgdq gWQ aivi tbSKvmgn, Uj vi mggn Ges wdkks Mqvi mggn, chñB wbivcEv i vLvi Rb" ~vqxfte wbivc` ~b PñyZ Ki te|
- N) wdkks j wBñmY cðvbi cþeCÜZU Uj vtbi I qvitj mI tiwvi tmU \_vKvi weiq wbwOZ Ki te|
- O) DchñB cþvmbtK c`tltci gra"tg et½vcmwMti grm" wKvi i Z tbSKvmgn/Uj vi mgtni tiwvi wi wñws tmU I Uj vi / tbSKvq DcwZ cÜZK e"v3 i Rb" j vBd RvñKU ivLv wbwOZ Ki te|
- P) ~hñMcëY Gj vKvmgtini mi Kwi I temi Kwi grm" weiqK mñu mmgtini beiqbKZ Zwj Kv cñqb I msi ¶Y Ki te|
- Q) ~hñMcëY Gj vKvmgtini grm"Rxe RbmsL", grm" PvIx I grm" PvI tPñtmgtni Rwi c I Dcv³ msi ¶Y Ki te Ges wbwOZ mgdq ci ci Zv nyj bwMv` Ki te|
- R) msikë-Gj vKq gWQ aivi tbSKvmgn, Uj vi mggn Ges mgj Mwgx RvnwRmgtni gwj K/Pvj tKi wKvbmn Zwj Kv msi ¶Y Ki te|
- S) mgj K Rj j vQm RbZ AwñtZi Kvi tY j eYv³ cñbi cñek tiva Kivi Rb" msikë-Gj vKvi ena I ~PñtMUmgtini cwi Pvj bv I i ¶Ytfe¶Y wbwOZ Kievi Dñl`k eisj vt`k cñb DbøbtertWñ KñZñt` i mt½ mve¶YK thwMñhvM i ¶v Ki te|
- T) ~PñtMUmgtini h\_vh\_ cwi Pvj bv wbwOZ Ki tZ nte|
- U) cþqRtbi mgq wdkks Gi mt½ mgštqi gra"tg cKj mggn ntZ j eYv³ cñb ewni Kti t` lqvi KtR kv³Pvj Z bj Ktci j f'Zv mñutK© ~bxq eisj vt`k Kwi Dbøb Ktclñtib Gi KñZñtYi mt½ mgšq Ki te|
- V) NySo tgvKtej v cÜZ I cwi tekMZ ¶q¶Z wbifcY Ges cþeñtib mñutK©cñ¶Y MñY Ki te|

~hñM chñq gW chñq grm" Aia`Btii Ki Yxqt t

- K) TiY I cþeñtib KtR Ges Dxvi Awfhtbi Rb" mgj Mwgx RvnwR wi KñwRkb Kivi e"vci t` ~bxq cþvmbtK mnvqZv cÜvb Kwi te (NySo ~hñMKyj xb mgq)|
- L) wbqšY Kñ Pvj yKwi te Ges ~bxq ~hñM e"e"v KñgñtZ thwMñhvM KñZñtPtcñY Ki te|

cbeimb mgdq gw chiq grm" Aw`Bti i Ki Yqqt

- K) mi Kwi I e'w<sup>3</sup> gwj Kvbxkb grm" m<sup>o</sup>ú` Lv<sup>t</sup>Z <sup>¶</sup>Zi cwi gwj wbi scfYi Rb" Awj t<sup>o</sup>Rixc Kv<sup>t</sup>hP e'e'v Kiv Ges G Lv<sup>t</sup>Zi Rb" Awj t<sup>o</sup>x^N<sup>g</sup>gv` x <sup>¶</sup>Y I cbeimb cwi Kí bv c<sup>¶</sup>qb Ki te I Zv h<sub>v</sub>h\_ KZ<sup>t</sup><sup>¶</sup>i Kv<sup>t</sup>Q tck Ki te|
- L) ~ibxq c<sup>¶</sup>kb Ges evsj v` k Kíl Db<sup>t</sup>b Kt<sup>t</sup>riktbi m<sup>o</sup>z mgšqceK, mgšq ntj, mi Kwi I e'w<sup>3</sup> gwj Kvbxkb Lv<sup>t</sup>Zi gva<sup>t</sup>g c<sup>¶</sup>qRbxq msL<sup>t</sup>K kw<sup>3</sup>Pwj Z c<sup>¶</sup>u Ávgv` vbx Ki te|
- M) grm" Db<sup>t</sup>b Lv<sup>t</sup>Z Awj t<sup>o</sup>x^N<sup>g</sup>gv` x <sup>¶</sup>Y I cbeimb cwi Kí bv ev`evqb wboZ Ki te Ges Kv<sup>t</sup>Ri AM<sup>t</sup>Zi wel<sup>t</sup>q D<sup>t</sup>P KZ<sup>t</sup><sup>¶</sup>i w<sup>t</sup>KU c<sup>¶</sup>Zte` b tck Ki te|
- N) ¶ZM<sup>t</sup>-cKi grm" Pvl v` i cbeimb Rb" Abc<sup>t</sup>YZ Ges mnqZv c<sup>¶</sup>lb Ki te|
- O) ~ibxq c<sup>¶</sup>kb K<sup>t</sup><sup>¶</sup>i cbeimb Kv<sup>t</sup>R mnqZv c<sup>¶</sup>lb Ki te|
- P) grm" Rwe/ grm" Pvl v` i Rb" grm" Pvl F<sup>t</sup>Yi e'e'v Ki te|

DctRj v` thM e'e'vcbv KiguiJt

- |  |                         |
|--|-------------------------|
| 1) DctRj v wbe <sup>t</sup> h Awdmvi   | mfvciZ                  |
| 2) BD <sup>t</sup> bq b cwi l <sup>t</sup> i t <sup>t</sup> Pqvi g <sup>t</sup> be`  | m` m"                   |
| 3) DctRj v chiqi msuk <sup>t</sup> wfv <sup>t</sup> Mi KgRZ <sup>t</sup> e`  | m` m"                   |
| 4) g <sup>t</sup> nj v c <sup>¶</sup> Zubia  | m` m"                   |
| 5) DctRj v tK <sup>t</sup> iq mgevq mguiZi c <sup>¶</sup> Zubia  | m` m"                   |
| 6) N <sup>t</sup> YS <sup>t</sup> c <sup>¶</sup> uZ Kg <sup>t</sup> riPi (m <sup>t</sup> ic <sup>t</sup> c) c <sup>¶</sup> Zubia | m` m"                   |
| 7) evsj v` k t <sup>t</sup> W <sup>t</sup> ut <sup>t</sup> mU tmvmvB <sup>t</sup> Ui c <sup>¶</sup> Zubia                        | m` m"                   |
| 8) GbuR <sup>t</sup> Gi c <sup>¶</sup> Zubia   | m` m"                   |
| 9) DctRj v c <sup>¶</sup> Ki ev`evqb KgRZ <sup>t</sup>   | m` m"-m <sup>t</sup> Pe |

~ibxq cwi w<sup>t</sup>Z I w<sup>t</sup>k<sup>t</sup> Ae`v t<sup>t</sup>C<sup>t</sup><sup>¶</sup>Z KiguiJi mfvciZ c<sup>¶</sup>qRbterta Av<sup>t</sup>iv m` m" t<sup>t</sup>Kv-A<sup>t</sup>P Ki<sup>t</sup>Z cwi teb| G KiguiJi c<sup>¶</sup>Z 2 gvm ci ci mfvq g<sup>t</sup>gj Z nte| Av<sup>t</sup> Kj<sup>t</sup> xb mgq c<sup>¶</sup>Zn GK<sup>t</sup>ri Ges Ae`v i w<sup>t</sup>KOyDb<sup>t</sup> n<sup>t</sup>j c<sup>¶</sup>Z m<sup>t</sup>vn 2 evi mfvq g<sup>t</sup>gj Z nte|

DctRj v` thM e'e'vcbv KiguiJi `wqZin<sup>t</sup>et

- ev<sup>t</sup>K w<sup>t</sup>EK BD<sup>t</sup>bq b thM e'e'vcbv KiguiJi M<sup>t</sup>b, m<sup>t</sup>uqKiY, c<sup>¶</sup>qRbxq w<sup>t</sup>Rbv I Z<sup>t</sup> c<sup>¶</sup>B Ges c<sup>¶</sup>C cikTY myaw<sup>t</sup> n<sup>t</sup>Z Dc<sup>t</sup>KiY Aw<sup>t</sup>i Y wboZKiY;
- mZK<sup>t</sup>Z ex<sup>t</sup>, thM S<sup>t</sup>K m<sup>t</sup>uqKiY, wboZKiY, wboZ Kvh<sup>t</sup>ri tetP \_v<sup>t</sup>Ki Dcvq, w<sup>t</sup>A<sup>t</sup>Z Kiv<sup>t</sup>bv w<sup>t</sup>q wboZKiY;
- ~ibxq chiq D<sup>t</sup>b b cwi Kí bv c<sup>¶</sup>qb I ev`evqtb thM S<sup>t</sup>K Ges Zv Kgv<sup>t</sup>bv m<sup>t</sup>ebvi w<sup>t</sup>q c<sup>¶</sup>Vte w<sup>t</sup>etPZ n<sup>t</sup>q<sup>t</sup>Q w<sup>t</sup>K-bv, Zv wboZKiY;
- w<sup>t</sup>g<sup>t</sup>g<sup>t</sup> w<sup>t</sup>qmn Avmba<sup>t</sup>ec` msju<sup>t</sup>-mZK<sup>t</sup>evZ<sup>t</sup> t<sup>t</sup>C<sup>t</sup><sup>¶</sup>Z DctRj v KZ<sup>t</sup><sup>¶</sup> I ~ibxq thM e'e'vcbv e<sup>t</sup>iv<sup>t</sup>K Aew<sup>t</sup>Z K<sup>t</sup>i w<sup>t</sup>q<sup>t</sup>Z thM w<sup>t</sup>q<sup>t</sup>K cikTY I KgRj vi Av<sup>t</sup>qRb;
- w<sup>t</sup>g<sup>t</sup>g<sup>t</sup> w<sup>t</sup>qmn Avmba<sup>t</sup>ec` msju<sup>t</sup>-mZK<sup>t</sup>evZ<sup>t</sup> t<sup>t</sup>C<sup>t</sup><sup>¶</sup>Z DctRj v KZ<sup>t</sup><sup>¶</sup> I ~ibxq ms<sup>t</sup>mgm<sup>t</sup> thb Kvh<sup>t</sup>ri f<sup>t</sup>te I ¶Zvi m<sup>t</sup>u\_ thM tg<sup>t</sup>Ktej vi c<sup>¶</sup>Z I ¶gZv m<sup>t</sup>ubanq tm j t<sup>t</sup> thM Kg<sup>t</sup>c<sup>t</sup>i Kí bv c<sup>¶</sup>qb;
- N<sup>t</sup>YS<sup>t</sup> I eb<sup>t</sup> msju<sup>t</sup>-c<sup>t</sup>fm A<sup>t</sup>Z<sup>t</sup> Z Kvh<sup>t</sup>ri f<sup>t</sup>te DctRj vi mKj KgRZ<sup>t</sup>, msuk<sup>t</sup>-e<sup>t</sup>em<sup>t</sup> c<sup>¶</sup>Zob<sup>t</sup> Ges BD<sup>t</sup>bq b chiq GZ<sup>t</sup> w<sup>t</sup>q<sup>t</sup>Z<sup>t</sup> c<sup>¶</sup>B<sup>t</sup> i Kv<sup>t</sup>Q t<sup>t</sup>Q<sup>t</sup>tbvi e'e'v M<sup>t</sup>Y;
- c<sup>¶</sup>qRbxq gatZ<sup>t</sup> DctRj v m` t<sup>t</sup>i RbmavaiY<sup>t</sup>K Acmvi t<sup>t</sup>Yi Rb" w<sup>t</sup>Q<sup>t</sup> Avk<sup>t</sup> t<sup>t</sup>K<sup>t</sup> j Avk<sup>t</sup> j w<sup>t</sup>a<sup>t</sup>Y I Avk<sup>t</sup> t<sup>t</sup>K<sup>t</sup> i w<sup>t</sup>f<sup>t</sup>btmev KvR cwi vj bvi Rb" w<sup>t</sup>f<sup>t</sup>ba<sup>t</sup>em<sup>t</sup>K<sup>t</sup> w<sup>t</sup>qZ<sup>t</sup> c<sup>¶</sup>lb;

- AvkqtK`/ Avkqt`j mgtn cvi fti cwb mieivn | Abib cinqRbxq tmev ms-tbi e-e-vKiY Ges BDlbqb e-e-vcbv KrigUi mvt\_ thMthvM BDlbqb chiq Aew-Z AvkqtK` mgtn GKB atYi tmev | myaw `nbZKiY;
- BDlbqb `hM e-e-vcbv KrigUtk c0gK TiY | Dxi Kvh mnvqZvi Rb tRj v m`i | BDlbqbmgtni mtv thMthvM vcb | Dnv msi tbi e-e-v m`i Z Avbj ntk cwi K1 bv cVqb;
- tRj v | BDlbqb KZetPi mnvqZvq gvtS gvtS DctRj vi Af`st i Zt\_i cPvi Yv | mZKevZ ceffvm cPvi, AcmvY, Dxi | c0gK TiY Kvh cwi Puj bv weitq gnov Abjvbi e-e-vKiY;
- Mq chiq `hMi ceffvm e-vck cPvi KiZ: MYmPZbZv myo KiY|

#### 4.2 `hMKvitj KiYxqt

- DctRj v chiq AcmvY, Dxi | TiY msjuS-KgRutUi mgstqi Rb tRi "ix
- cwi Puj b tK` (Z\_ tK`/ `nbqSY KPi) cwi Puj bv;
- cinqRb ntj, `vbxqfite c0c myaw eenvi Kti Dxi Kvh cwi Puj bv Ges Ab`t i Dxi Kvh cwi Puj bv mgstq mvab, h `wqZj t` qv nq;
- `hM e-e-vcbv ejtiv | tRj v KZetPi c0 E `bft Rbv Abjvbi DctRj v - KgRZfe | BDlbqb t\_tK `hMi dtj msNuz PiZi DciE msMn | hvPvBKvY; KgRZfev Ab`tKb thM eW3eM0iv mgxPi cwi Puj bv Kti Z\_ webvimi gvatg cinqRb | AMkaKvi wbaY;
- tRj v KZetPi `nbKU PiZ, cinqRb | c0c m`u` Ges TiY | cpemb KvRi Rb AMkaKvi wfEz cinqRb msjuS-heeiY/ DciE mieuviKiY;
- `vbxq chiq cpemb KvRi Rb SjK nmKiYi m`u` e-e-vmn mZKvvi mtv cwi K1 bv cVqb;
- `hM e-e-vcbv ejtiv | tRj v KZetPi KZR c0 E `bft Rbv Abjvbi `vbxqfite ev TiY Aia`Bi / Ab`Drm t\_tK c0B m`u`, e `bft `vbxqfite `vbxqfite cinqRtbi wfEz Dxi, TiY | cpemb KvRi Rb eiv | weZiYi e-e-v M0Y;
- TiY | cpemb msjuS-mnvqZv mgM weitYi weitq Z`v iK | nmview msi PiY Ges Zv tRj v KZetPi | Abib TiY c0vbkvix ms-timgtni `nbKU tcjY;
- DctRj v chiq weifbe Bti i gta mgstqi `wqZj cij b;
- GQvorl `hM e-e-vcbv msjuS-`vq Avt` kvej x Ges Dchj KZetPi Zv `nbK Avt` k Abjvbi Y|

nde PWU<sup>c</sup>wi Kí bv

<b>thM e'e' tcbv</b>	<p><b>thM e'e' tcbv grm</b> Awa`Btii Ki Yxqt</p> <ul style="list-style-type: none"> <li>• thM mgf q Ki Yxq</li> <li>• cbemb chf q Ki Yxq</li> <li>• fwK mgf q Ki Yx</li> </ul>
<p><b>thM mgf q grm</b> Awa`Btii gw chf q Ki Yxqt</p> <ul style="list-style-type: none"> <li>• Ty I cbemb KvR Ges Dxi Aifhvtbi Rb` mgj Mvgx RvnR iKbRkb Kivi e'vci t`bq ckmbtK mnvqZv c0vb Ki te (NvSo thMKy xb mgq)</li> <li>• wqsy K Pj y Kivi Ges t`bq thM e'e' KigylZ thMthM KgRZPtcY Ki te </li> </ul>	<p><b>fwK mgf q grm</b> Awa`Btii gw chf q Ki Yxqt</p> <ul style="list-style-type: none"> <li>• c0Z erm NvSo/ebv tgSmg i" nlqj cteB NvSo/ebv c0Y Gj vKvi gQ aivi tbSKvgn, Uj vi, wdkws wQvi, gQ aivi Kwi Mui hscwZ, grm` tcbv I grm` cij b oK Ges grm` Aver` mgfni wivcEv I mji lvi Df'k c0qRbxq mZKZvqj K e'e' MhYi Rb` grm` Awa`Btii wdi Admvi MY K.I.K Ges grm` PvI v` i mRvM Ki te </li> <li>• Axab` Admimgn, wmicic grm` PvIx Ges grm` Rxe c0Zbba c0Zi minZ ci` Btii i MpxZ wR`^cwi Kí bv Abjmti c0Zi Ae`ci xZ Kite </li> <li>• thM Pj vKj xb mgf q gQ aivi tbSKvgn, Uj vi mgj Ges wdkws wQvi mgj, chf wivcEv i vLvi Rb` t`qxfre wivc` t`b wqyZ Ki te </li> <li>• wdkws j wBtmY c0vbi cte c0Zi Uj vi i qvitj m i tmU _vKvi wq w0Z Ki te </li> <li>• Dchf c0vmbK c`f`ci gva`tg et`vcmMti grm` vKvi i Z tbSKvgn/Uj vi mgfni ti wvi wi wvws tmU i Uj vi / tbSKvq Dc`Z c0ZK e`v3 i Rb` j vBd R`vKu i vLw w0Z Ki te </li> <li>• thMcY Gj vKvgn mi Kwi I temi Kwi grm` wq w0Z mmgti beqbKZ Zwj Kv c0qb I msi TY Ki te </li> <li>• thMcY Gj Kmgfni grm` Rxe RbmsL, grm` PvIx I grm` PvI t`l mgfni Rwc I Dcv3 msi TY Ki te Ges w0Z mgf q ci ci Zv vj bM` Ki te </li> <li>• msiké Gj vKvq gQ aivi tbSKvgn, Uj vi mgj Ges mgj Mvgx RvnRmgfni gjj Kv/Pj tKi wKvbmZ Zwj Kv msi TY Ki te </li> <li>• mgj K Rj v`QmRbZ AvNtZi Kvi tY j eYv3 c0b tiva Kivi Rb` msiké Gj vKvi eva I BptMUmgti ci` Pj bv I i TYtpe TY w0Z Kievi Df'k evsj v` k c0b DbaqtetWp KgRZP` i m`v mve TY K thMthM i TY Ki te </li> <li>• BptMUmgti h_vh ci` Pj bv w0Z Ki te </li> <li>• c0qRtbi mgq wmicic Gi m`v mgf q gva`tg c0Kj mgj ntZ j eYv3 c0b evni Kti t`l qvi KtR k`v3 PwZ bj K`ci j f`Zv m`utK` t`bq evsj v` k Kwi Dbaqt Ktck kb Gi KgRZMhYi m`v mgf q Ki te </li> <li>• NvSo tgvKtej v c0Zi I ci` tekMZ lq`wZ wibscY Ges cbemb m`utK`cik TY MhY Ki te </li> </ul>
<p><b>cbemb chf q grm</b> Awa`Btii gw chf q Ki Yxqt</p> <ul style="list-style-type: none"> <li>• mi Kwi I e`v3 gwyj Kvbaxb grm` m`u` LvtZ lZi ci` gY wibscYi Rb` Anej t`x`Rxc KvthP e'e' Kiv Ges G LvtZi Rb` Anej t`x`Nvq` x Ty I cbemb ci` Kí bv c0qb Ki te I Zv h_vh KZt`li KtQ tck Ki te </li> <li>• t`bq ckmb Ges evsj v` k Kwi Dbaqt Ktck kb m`u` mgf q ceK, mgf q ntj, mi Kwi I e`v3 gwyj Kvbaxb LvtZi gva`tg</li> </ul>	<p>DctRj v chf q thM e'e' tcbv KigylZ</p> <ul style="list-style-type: none"> <li>• DctRj v wbe`nx Admvi - m`vciwZ</li> <li>• BDlbqb ci` i t`l qvi g`vbe` - m`m</li> <li>• DctRj v chf q msiké wefvMi KgRZP` - m`m</li> <li>• gvnj v c0Zbba - m`m</li> <li>• DctRj v tK`l q mgeq mgjZi c0Zbba - m`m</li> <li>• NvSo c0Z KgRZP` (wmicic) c0Zbba - m`m</li> <li>• evsj v` k t`l w0Z tmvwiwui c0Zbba - m`m</li> <li>• GbRl Gi c0Zbba - m`m</li> <li>• DctRj v c0Kj ev`evqb KgRZP` - m`m`-m`Pe</li> </ul>

<ul style="list-style-type: none"> <li>grm Rbxq msL`K kii³ Pwjj Z c̄v̄ú Avgv` vbx Kite </li> <li>grm Dbqb Lv‡Z Amej t̄x^ xN° tgqj` x TiY I c̄befmb c̄wi Kí bv ev` evqb wboZ Kite Ges KtRi AMMzi wejq D"p KZet¶i wKU c̄Zte` b tck Kite </li> <li>¶ZM - c̄Ki grm Pvix` i c̄befmbi Rb` Abc̄vNz Ges mnvqZv c̄vb Kite </li> <li>~vbxq c̄kmbtK TiY I c̄befmb KvR mnvqZv c̄vb Kite </li> <li>grm Rxe/ grm Pvix` i Rb` grm Pvj F‡Yi e`e`v Kite </li> </ul>	
`#MKuj xY mgfq DctRj v ch‡q `#hM e`e`vcbv KgnUi `wqZt • e`e`vcbv KgnUi `wqZt • e`e`vcbv KgnUi MvB, mnuqKiY, c̄qyRbxq wbt Rbv I Z_ c̄B Ges c̄lc c̄k¶Y meaw` ntZ DcKvi AvniY wboZKjY; • mZKzv exB, `#hMi SjK nmKjY, wboZKjY, wboZ KvRi teP _vKv Dcvq,ij AivZ Kivbv wejq wboZKjY; • ~vbxq ch‡q Dbqb c̄wi Kí bv c̄qyb I ev` evqtb `#hMi SjK Ges Zv Kgvbri mnebvi wejq cYfite wetePZ ntqjQ nK-bv, Zv wboZKjY; • wbtg³ wejqm Ambelec` msjuvš-mZK®evZt tc¶tZ DctRj v KZet¶i I ~vbxq `#hM e`e`vcbv e`e`vK AeivZ Ktj wboqZ `#hM wejqK c̄k¶Y I KgRj vi AvfqRb; • wbtg³ wejqm Ambelec` msjuvš-mZK®evZt tc¶tZ DctRj v KZet¶i I ~vbxq ms`mgm thb KvRi fite I ¶Zv miw_ `#hM tgvKtej vi ctZ I ¶Zv mnebvnq fm j †T `#hM Kg c̄wi Kí bv c̄qyb; • NySo I eb`v msjuvš- c̄ffim AivZ`Z I KihRi fite DctRj vi mKj KgRZ®, msjuvš-eW³emP c̄Zovb Ges BDlbqb ch‡q GZ` wejq `wqZi c̄Bt i KvQ tcSqtivi e`e`v MhY; • c̄qyRbxq gütZ® DctRj v m`ti i Rbmavvi YtK Acmvi tYi Rb` wbi tAvkj tK`j Avkj`j wafY I AvkjKtK`j weqfbetnev KvR c̄wi vj bvi Rb` weqfbøe W³emP `wqZi c̄vb; • AvkjKtK`j Avkj`j mgtn c̄v fti c̄vb mieiv I Abvb` c̄qyRbxq tmev ms`tbi e`e`vKjY Ges BDlbqb e`e`vcbv KgnUi miw_ thMvthM BDlbqb ch‡q Aew`Z AvkjKtK`j mgtn GKB aitYi tmev I meaw` wboZKjY; • BDlbqb `#hM e`e`vcbv KgnUiK c̄ugK TiY I Dxvi KvH® mnvqZv Rb` tRj v m`i I BDlbqbmgtni m‡z thMvthM `vcb I Dnv msi ¶tYi /cp:/ vctbi e`e`v mafZ Avbj wK c̄wi Kí bv c̄qyb; • tRj v I BDlbqb KZet¶i mnvqZvq gvtS gvtS DctRj vi Af`S tZ_ i c̄vYi I mZK®evZt cefFim c̄vi, Acmvi Y, Dxvi I c̄ugK TiY KvH® c̄wi Pvj bv wejq gnov Abpjbi e`e`vKjY; • Mg ch‡q `#hMi cefFim e`e`vcK c̄vi KjZ: MYmtPzbZv myo KjY	cb̄emb mgfq DctRj v ch‡q `#hM e`e`vcbv KgnUi `wqZt • DctRj v ch‡q Acmvi Y, Dxvi I TiY msjuvš-KgRjU mgštqi Rb` 0 Ri"ix c̄wi Pvj b tK`t (Z_ tK`j I wqSY Ktj) c̄wi Pvj bv; • c̄qyRb ntj, ~vbxqfite c̄lc meaw` e`envi Ktj Dxvi KvH® c̄wi Pvj bv Ges Ab`t` i Dxvi KvH®c̄wi Pvj bvi mgšq mwab, h̄ `wqZt`q nq; • `#hM e`e`vcbv ejtiv I tRj v KZet¶i c̄E wbt` Rbv Abjm̄ti DctRj v - KgRZt` I BDlbqb t,tK `#hMi d‡j msNuz ¶Zv DcivE msMn I hvPvBkiY; KgRZ® ev Ab`tKv thM` eW³emP Øviv mgq¶v c̄wi Pvj bv Ktj Z_ webvimi gva tg c̄qyRb I AMhaKvi wafY; • tRj v KZet¶i wKU ¶Zv, c̄qyRb I c̄lc m¤ú` Ges TiY I c̄befmb KvRi Rb` AMhaKvi wfi‡Z c̄qyRb msjuvš-neeiv/ DcvE mi eivnKiY; • ~vbxq ch‡q c̄befmb KvRi Rb` SjK nmKjYi m¤ú` e`e`vnn mZKzv m‡z c̄wi Kí bv c̄qyb; • `#hM e`e`vcbv ejtiv I tRj v KZet¶i KZK c̄E wbt` Rbv Abjm̄ti ~vbxqfite ev TiY Aia`Bi / Ab` Drm` t,tK c̄B m¤ú` e`wófite wbiwcZ c̄qyRbi wfi‡Z Dxvi, TiY I c̄befmb KvRi Rb` eivl` I weZi tYi e`e`v MhY; • TiY I c̄befmb msjuvš-mnqZvq mgM weeitYi wejq Z`vi wK I mnvewi` msi ¶Y Ges Zv tRj v KZet¶i I Ab`v` TiY c̄vbKvix ms`mgtni wKU tcØY; • DctRj v ch‡qi weqfbøe Bt i gta` mgštqi `wqZi c̄v b; • GQovl `#hM e`e`vcbv msjuvš-`vq Av` kvej x Ges Dchj® KZet¶i Zv¶K Av` k Abjm̄i Y

## Añatekb cwi Kí bv

w b t 05

mKj t 10.00-11.00

tgq` Kj t 60 wibU

wkivbg	t tKvmCpbivtj vPbv
Afxo `j	t grm Añ `Btii KgRZfe`
j Y	t t'kq cRmZi tQUgQPV e'e`icbv I msi Y weI qK tKvml cõg t_tK tkI chS-cikYv_xP i gva`tg cbiutj vPbv Kivi mthwM Kti t'qv hvZ Zv`i tKub mgm`v ev RÁvmv _vKtj tmUv mgavb Kti hbZ cti
Dt k	t Añatekb tkI cikYv_xP KBR cxZtZ tKifmP mgmK cikYxq weI qw` cbiutj vPbv Ki teb Ges Zv`i mgm`v ev RÁvmv _vKtj tm_tj vi mgavb Ki tZ cti teb

weI q mPx	Avtj vP` weI q	cxZ	mgq
TigKv			3 wibU
	<ul style="list-style-type: none"> <li>~MZg</li> <li>ce@ZP Añatektbi mt_ thMm t`icb</li> <li>Pj wZ Añatektbi Ici Avtj vKcvZ</li> <li>DøxKiY </li> </ul>	e³Zv I cikEi	
weI qe`			52 wibU
	cikPK mg - cikYv_xP` iK 2 `tj fM Kti cõZK `tj i bvgKiY Ki teb   Avmb e'e`v wK Kti 2 w `j tK gtLvgjx Kti emvibv nte   cikPK GKV `j tK 1g   3q w`tbi Avtj vP` weI q t_tK 15 w msWwB ckebePb KtZ ej teb   Abjfcfute Aci `j w 2q, 4_`l 5g w`tbi Avtj vP` weI q t_tK 15 w msWwB ckebePb KtZ ej teb   Dfq `j B wbePZ ckeqtj v DEimn mieiwnKZ wfcKtWwCwK c_wKfute wj Lteb   cikPK Dfq `j t_tK KwCtj v msMh KtZ eb Ges cõZ `tj i 10w DcthwMx ckeevQwB KtZ eb   cikPK twqyBU tewwGKV t`vi tewwAñKtZ eb   cikYv_xP` iK 1,2,3..... µgK bøt t`qv nte Ges cõZK `tj GKRb `j tbZv _vKtZ eb   cikPK chqutj 7 t_tK 10 chS-GK `tj i ckeqtj v Ab` `j tK KtZ eb Ges Rji tewwP wmxvš-Abhwqx t`vi cõvb KtZ eb	e³Zv cikEi g³ wPši So	
mvi -mst Yc			5 wibU
	<ul style="list-style-type: none"> <li>gj weI q, tj v cbiutj vPbv</li> <li>n'vEAvDU weZiY</li> <li>ab`ev` Áicb  </li> </ul>	e³Zv cikEi	
cikPK mnvqK mgmK t twqyBU tewwGwDRwCE, gwKw , n'vUAvDU, Kvj Ktj ui , BZ w`			

## Awaṭekb cwi Kí bv

w b t 05

mKv t 11.15-12.15

tgqv` Kvj t 60 wqibU

wk̩t̩iwbvq	t cik̩p̩Y cieZp̩g̩ wqb l tKvm̩g̩ wqb
Afxó `j	t grm Aia`Bt̩i i KgRZp̩e`
j p̩	t cik̩p̩t̩Y i i t̩k̩l ch̩s-c̩Z̩Kv̩ w̩l tq̩ cik̩p̩Yi̩t̩ i Ávb KZUKz̩w̩x tctqt̩Q Zv h̩PvB Kiv Ges GB tKv̩m̩p̩ w̩l qe` , tgqv` Kvj BZ w̩ m̩út̩K̩cik̩p̩Yi̩x̩ i gZvgZ tb̩l qv h̩t̩Z w̩t̩R̩t̩ i Db̩b̩ m̩út̩K̩avi bv c̩vq Ges tKv̩m̩p̩ Dc̩h̩w̩Mz̩ m̩út̩K̩avi bv c̩v̩l qv h̩q
Df̩l̩k̩	t Awaṭekb t̩k̩l cik̩p̩Yi̩x̩- <ul style="list-style-type: none"> <li>• w̩t̩R̩t̩ i Db̩b̩ w̩t̩Ri̩vB w̩Pv̩ Ki̩t̩Z c̩v̩t̩eb  </li> <li>• tKvm̩m̩út̩K̩cik̩p̩Yi̩x̩ i gj̩ w̩v̩b̩ gZvgZ cik̩p̩ Ki̩t̩Z c̩v̩t̩e  </li> </ul>

welq mPx	Avtj vP̩ welq	cxiZ	mgq
f̩wgKv			5 wqibU
	<ul style="list-style-type: none"> <li>• -MZg</li> <li>• ceZp̩Awaṭekb̩bi m̩t̩_ th̩Mm̩t̩ -vcb</li> <li>• Pj w̩Z Awaṭekb̩bi l ci Avtj vKciZ</li> <li>• Dōk̩Ki Y  </li> </ul>	e³Zv I cik̩p̩Ei	
welqe`			45 wqibU
	<ul style="list-style-type: none"> <li>• wbañi Z cik̩c̩t̩i gra̩tg gj̩ wqY Kiv</li> <li>• wbañi Z cik̩c̩gij vi gra̩tg cik̩p̩Yi̩x̩ i gZvgZ tbqv</li> </ul>	cik̩p̩Y cieZp̩ gj̩ wqb c̩t̩, tKvm̩g̩ wqt̩bi cik̩c̩t̩, e³Zv I cik̩p̩Ei	
mvi -ms̩t̩p̩ic			10 wqibU
	<ul style="list-style-type: none"> <li>• gj̩ welq, t̩j v c̩p̩i v t̩j v Pbv</li> <li>• n̩v̩EAvDU w̩Zi Y</li> <li>• ab̩er̩ Ávcb  </li> </ul>	e³Zv cik̩p̩Ei	
cik̩p̩Y mn̩iqK m̩gM̩ t t̩n̩w̩q̩BU teW̩ w̩bDR̩ic̩É, g̩vK̩, n̩v̩UAvDU, K̩v̩j Kt̩j Uj, gj̩ wqbc̩, BZ w̩			

t`kxq cRmZi tQlU gQ Pw e'e`lcbr | msi piY

cikpiY DEi gj vqb ckei

mKj cikie gub mgub | mVK Deti i cikpiUKPy (√) w b

cYgb - 100

mgq - 25 mgub

bvg.....C`er.....

Kg®j .....

01. SIS Gi cYgbg tKbUB ?

- K) Small Indian Species
- L) Small Indigenous Species
- M) Scaleless Indigenous Species
- N) Above All

02. evsj w`tk SIS gQo msLw KZ w

- K) 180w cld
- L) 150w cld
- M) 220w cld
- N) Dcti i tKbUB bq

03. tQlU gQ AvKvi KZ ?

- K) 35 tmig. Gi Dcti
- L) 20 tmig. Gi bxP
- M) 25 tmig. chS-
- N) 30 t\_k 40 tmig.

04. tKbUB ®RI j Ø wdk ?

- K) tZj wicqv
- L) cvsmvm
- M) gw,i
- N) Dcti i tKbUB bq

05. tKb gQ Avqi tbi ci gY metPq teik ?

- K) tZj wicqv
- L) cvsmvm
- M) gw,i
- N) wks

06. tKbUB K'U wdk bq ?

- K) wks
- L) AvBo
- M) %K
- N) Dcti i me ,tj wB

07. gwQ PvI i metP tq AbKj wCGBP gwI v tKvbU ?  
K) 3.5-8.5  
L) 7.5-8.5  
M) 4.0-10.0  
N) 7.0-9.0
08. Mj ku gwQi ^eÁwbK bwg tKvbU ?  
K) *Mystus vittatus*  
L) *Mystus cavasius*  
M) *Mystus sutio*  
N) *Mystus armatus*
09. grm "Afqvkj -vctbi dtj wK NtU ?  
K) gwQ ai v nq  
L) gwQi tivM fvj v nq  
M) Rj R RxewP^ msivZ nq  
N) grm Rxek` i Avq Ktg hwh
10. wks I gw,i gwQi mefbKj cRbb Kij ?  
K) gwPcGicj gwm  
L) tmPsa-A±vei gwm  
M) Rp-Rj vB gwm  
N) Dcti i tKvbUB bq
11. -y wks gwQK ctYw Z cRbtbi Rb I fmcigi tWwR  
K) 2-3 wg.M0./tKwR gwQi I Rb  
L) 6-8 wg.M0./tKwR gwQi I Rb  
M) 12-14 wg.M0./tKwR gwQi I Rb  
N) Dcti i tKvbUB bq
12. wks, gw,i I ^K gwQ PvI m=úiK Lvt AwtI i gwI v KZ nl qv fvj v ?  
K) 30-35%  
L) 20-25%  
M) 45-50%  
N) 12-15%
13. evUv gwQi wbl 3 wlg dUtz KZ N>Uv cQqRb nq?  
K) 24-30 N>Uv  
M) 14-16 N>Uv  
N) 40-48 N>Uv  
L) 4-8 N>Uv
14. wks gwQi bwmi cKti kZvsk cQZ tcwv gRj NbZjKZ ?  
K) 2,000-2,500wJ  
L) 8,000-1,000wJ  
M) 400-500wJ  
N) 1,500-2,500wJ

15. Ա՞ս ցրտի տիեզրիկ շնչառք լրված մոմե և լվլ ցրտե՞նք ?  
K) ԿրօՎ©  
L) Կետի օր  
M) Այսօդ  
N) Ծովագույն բղ
16. Ի կամ Ռե՞ալի մսի դիմումը թիվ Բ է՞լեկտրոնային համար ?  
K) մնական ցրտ առն Յ  
L) Կրտի Ռուժի էլեկտրոնային համար  
M) Աշխատակի շրջանակում պահանջանակ է առն Յ  
N) Ծովագույն բղ
17. Ի կամ Ջրագույն ցրտ առն առաջարկ է՞լեկտրոնային համար ?  
K) Անդ մատուցություն առաջարկ է առն Յ  
L) մարդկան մատուցություն առաջարկ է առն Յ  
M) մարդկան մատուցություն առն Յ  
N) Ծովագույն բղ
18. Ի կամ Կրամ կրտի և բարձր ցրտի առաջարկ է՞լեկտրոնային համար ?  
K) Տղան առն առաջարկ է առն Յ  
L) Երան առն առաջարկ է առն Յ  
M) Համար առն առաջարկ է առն Յ  
N) Երան առն առաջարկ է առն Յ
19. Ա՞ս ցրտ ի կամ առաջարկ է՞լեկտրոնային համար ?  
K) Perciformes  
L) Cypriniformes  
M) Siluriformes  
N) Clupeiformes
20. Climbing Perch ի կամ առաջարկ է՞լեկտրոնային համար ?  
K) Կամաց  
L) Ականան ցրտ  
M) Կամաց բարձր ցրտ  
N) Կամաց բարձր բարձր ցրտ
21. Անձնագիր կամ համար ցրտի առաջարկ է՞լեկտրոնային համար ?  
K) Կամաց  
L) Ականան ցրտ  
M) Կամաց բարձր ցրտ  
N) Ծովագույն բղ
22. Vitamin A-Գ առաջարկ է՞լեկտրոնային համար ?  
K) Եղինակ առաջարկ  
L) Մասնակիություն առաջարկ  
M) Եղանակ առաջարկ  
N) Ծովագույն բղ

23. tcvbv cwi enþbi mgq wK KiþY gvi v hvq ?  
K) Aþt Rb -t Zv  
L) Gvtgwbqv i grv v teþo tMþj  
M) Zvcgv v tþto tMþj  
N) Dct i me, tþj vB
24. cKti i cwb i Zvcgv v cwi eZØ nþq 10þ tm. teþo tMþj gvtQi Lv " MþtY wK cwi eZØ nq ?  
K) Ktg hvq  
L) w, Y teþo hvq  
M) cwi eZØ nh bv  
N) w, Y Ktg hvq
25. cKti GKevi wþeo fvte gvo Pvþl ci cþ:i vq gvo Pvþl ii"i AvþM wK Kiv DvþZ ?  
K) cþivq 'K/gv, i /wks Pvþl Kiv DvþZ  
L) tZj v wþqv Pvþl Kiv DvþZ bq  
M) Kvþj v Kv v Dvþq mevR tþþZ t` qv  
N) Dct i tKvbUvB bq

t`kxq cRmZi tQvU gvQ PvI e`e`vcbv | msi PIY tKvm<sup>©</sup>  
 tgqv` Kyj t 5 w` b  
 tKvm<sup>©</sup>gj `vqb cke<sup>†</sup>

(mWK ~vib wJK (✓) wPý w` b)

1.	mvgMkfvi ie tKvm <sup>©</sup> wK Avcbvt` i Rb Dc <th>Mx wQj ?</th>	Mx wQj ?	n`v <input type="checkbox"/>	bv <input type="checkbox"/>
2.	tKvtm <sup>©</sup> tgqv` Kyj tKgb wQj ?	Lp `xN <sup>©</sup> <input type="checkbox"/>	mWK <input type="checkbox"/> Lp ~t <input type="checkbox"/>	
3.	tKvm <sup>©</sup> Dc`vcbv MwZ tKgb wQj ?	Lp `*Z <input type="checkbox"/>	mWK <input type="checkbox"/> gši	
4.	ZwE <sup>†</sup> K I e`enwi K Avatektbi gta` mvgAm`Zv tKgb wQj ?	Lp tek <sup>r</sup> e`enwi K <input type="checkbox"/>	mWK <input type="checkbox"/> Lp tek <sup>r</sup> ZwE <sup>†</sup> K <input type="checkbox"/>	
5.	cikPIK mnR <sup>†</sup> Avcbvi avi Yv tKgb wQj ?	Lp mnR <input type="checkbox"/>	RvUj <input type="checkbox"/>	
6.	tKvtm <sup>©</sup> ieivnKZ cikPIY mvgMbi gw <sup>v</sup> tKgb wQj ?	Lp fij <input type="checkbox"/>	fij <input type="checkbox"/> fij bq <input type="checkbox"/>	
7.	wkPIY cwi tek tKgb wQj ?	Lp fij <input type="checkbox"/>	fij <input type="checkbox"/> fij bq <input type="checkbox"/>	
8.	cikPI <sup>†</sup> Y e`eüZ wewfbocikPIY tKskj Dc <th>Mx wQj wKbv</th>	Mx wQj wKbv	n`v <input type="checkbox"/>	tgvUvgU <input type="checkbox"/> bv <input type="checkbox"/>

cäk¶Y tKv‡m©cwi Pvj Z weifboAwatek¶bi Dci Avcbvi gZvgZ w`b (eEvKv‡i)

we: ` Awatek¶bi we qe-, Dc-`vcbv, cäk¶Y mvgM, tevaMg-Zv Ges mgq wePbv K‡i mVKfite GKw  
gZvgZ w`b |

Awatek¶b	tgiUvgJU	fij	fij	Lp	fij
1. tKv‡m©cwi Pvj	1	2	3	4	5
2. t` kxq cRwZi tQwU gvtQi i"Zj I Pv‡l i m‡ebv	1	2	3	4	5
3. t` kxq cRwZi tQwU gvtQi mawiY cwi Pvj	1	2	3	4	5
4. t` kxq cRwZi tQwU gvtQi Rxew`v	1	2	3	4	5
5. t` kxq cRwZi tQwU gvtQi RxewP† I msi ¶Y tKškj	1	2	3	4	5
6. t` kxq cRwZi tQwU gvtQi msi ¶Y Afqvk¶gi fngKv	1	2	3	4	5
7. tQwU gvtQi cRbb I tcibv Drcv b tKškj	1	2	3	4	5
8. tQwU gvtQi tcibv msM, cwi enb I tkvab	1	2	3	4	5
9. gj v I cju gvtQi PvI e-e-vcbv	1	2	3	4	5
10. i" B RvZxq gvtQi mvt_ evUvi wgk®PvI	1	2	3	4	5
11. avb t¶‡Z tQwU gvtQi PvI	1	2	3	4	5
12. ^K, nks I gNj gvtQi PvI e-e-vcbv ( tmkb-1)	1	2	3	4	5
13. ^K, nks I gNj gvtQi PvI e-e-vcbv ( tmkb-2)	1	2	3	4	5
14. cve`v I „j kv gvtQi PvI e-e-vcbv	1	2	3	4	5
15. tQwU gvtQ Avni b, evRvi RvZKi Y I cjuqvRvZKi Y	1	2	3	4	5
16. gV cwi`k	1	2	3	4	5
17. GBPAvBwf GBWm&cZtiva/gvQ Pv‡l bvixi AskM®Y	1	2	3	4	5
18. `#hM®e-e-vcbv	1	2	3	4	5
19. tKv‡m©cpivtj vPbv	1	2	3	4	5

## Añatekb cwi Kí bv

w b t 05

mKj t 12.00-14.30

tgq` Kj t 45 wibU

wkivbg	t mgvcbx Abjvb I mb`c̄ weZiY
Afxo `j	t grm` Añ`Bt i KgRZfe`
j Y	t cikYv_ i 5 w be`ic AbjZ cikY Kvihug tkil AvbjwbK mgvcbx Abjvbi gwa`tg mb`c̄ c̄vb Kv nte hvZ Zuv Añb cikY j ä Ávb KvR j wMq bZb D`tg gQ PwI t` i cikyRbxq mnthwMzv Ki tZ cvi
Dfí K	t G Añatekb tkil cikYv_AMY Zut` i AñRZ Ávb mpuK^AvZcZqx nteb Ges Av`vi mvf_ gQ PwI t` i gta` t`kq cRwZi tQUgQ PwI e`e`lcbv   msi Y c̄b^3 mchwiY Ki tZ cvi

we lqmP	Añtj vP` we lq	cikY tKskj	mgq
fngKj			2 wibU
	<ul style="list-style-type: none"> <li>-MZg</li> <li>ceZr^Añatekbibi c̄pivtj vPv</li> <li>eZgb Añatekbibi mvf_ msthwM vcb</li> <li>Añatekbibi Dfí K e`vL`</li> </ul>	cikEi   Añtj vPv	
we lq`			38 wibU
	<ul style="list-style-type: none"> <li>Avmb web`vm</li> <li>AvgsZ AñZi_ e`i Avmb Mbb</li> <li>`B Rb cikYv_ e`e`</li> <li>cikYKe`i e`e`</li> <li>c̄vb AñZi_ e`e` I mb`c̄ weZiY</li> <li>mfvcwZi e`e`</li> </ul>	e`Zv   Dc`lcbv	
mvf -mstYc			5 wibU
	<ul style="list-style-type: none"> <li>ab`er` Ávcb </li> </ul>	e`Zv	
cikY mnvqK mgM t n`EAvDU, tnqvBU terW^DRicE, gK, wdePw^Abkjx b kU, BZ`w`			

## MÖSCWÄ

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## MÖSCWÄ

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Department of Fisheries (DoF) 2002. grm" msi ¶Y AvBb 1950 (mstkwäZ 1985), grm" Aila`Bi, grm" I cimpaú` gšyij q, evsj vt`k |

Department of Fisheries (DoF) 2005. Statistical Year Book-2005. Fisheries Resources Survey System. Department of Fisheries, Bangladesh.

Department of Fisheries (DoF) 2005K. "fi wVKvt RvZxq grm" c¶l-2005, grm" Aila`Bi, grm" I cimpaú` gšyij q, evsj vt`k, 132 c¶v |

Department of Fisheries (DoF) 2005L. msKj bt t`kxq cRwZi grm" msi ¶Y I m¤cñvi Y Aifhwb 2007, grm" Aila`Bi, grm" I cimpaú` gšyij q, evsj vt`k, 95 c¶v |

Department of Fisheries (DoF) 2007. t`kxq cRwZi tQvU gvQ PvI mnwqKv| t`tki cñDgvñtj Qov I wetj grm" Dbaq b I e"e"vcbv cKí, grm" Aila`Bi, grm" I cimpaú` gšyij q, evsj vt`k, 48 c¶v |

Felts, R. A., Rajts, F. and Akhteruzzaman, M. 1996. Small Indigenous Fish Species Culture in Bangladesh. IFADEP, Department of Fisheries, Bangladesh, 41 pp.

Felts, R. A., Ahmed, K. and Akhteruzzaman, M. (eds.) 1997. Small Indigenous Fish Culture in Bangladesh. Proc. National Workshop on Small Indigenous Fish Culture in Bangladesh, Rajshahi University, Bangladesh, 156 pp.

Fourth Fisheries Project (FFP; PZl grm" cKí) 2007. cik¶Y g"vþpj t tgšij K gvQ PvI weiqK tKvm PZl grm" cKí, grm" Aila`Bi, evsj vt`k, 155 c¶v |

Hoq, E. 2004. *Bangadesher Chhoto Mach* (A Book on Small Indigenous Fish Species of Bangladesh). Graphic Sign, Mymensingh, Bangladesh. 110 pp.

IUCN, 2001. Red Book of Threatened Fishes of Bangladesh. IUCN-The World Conservation Union. 116 p.

Mazid, M. A. (ed.) 2005. t`kxq tQvU I wecbæcRwZi gvQ PvI g"vþtqj | evsj vt`k grm" Mtei Yv BbwñUDU, grm" Aila`Bi, evsj vt`k Kwl wekþe`yj q, grm" I cimpaú` gšyij q, 88 c¶v |

Rahman, A. K. 2004. Freshwater Fishes of Bangladesh. Zoological Society of Bangladesh. Dhaka, Bangladesh, 364 pp.

Siddiqui, K. U., Islam, M. A., Kabir, S. M. H., Ahmad, M., Ahmed, A. T. A., Rahman, A. K. A., Haque, E. U., Ahmed, Z. U., Begum, Z. N. T., Hassan, M. A., Khondker, M. and Rahman, M. M. (eds.). 2007. Encyclopedia of Flora and Fauna of Bangladesh. Vol. 23. Freshwater Fishes. Asiatic Society of Bangladesh, Dhaka, 300 pp.

Wahab, M. A., Thilsted, S. H. and Hoq, M. E (eds.). 2003. Small Indigenous Species of Fish in Bangladesh. Proceedings of BAU-ENRECA/DANIDA Workshop on Potentials of Small Indigenous Species of Fish (SIS) in Aquaculture & Rice-Field Stocking for Improved Food & Nutrition Security in Bangladesh, 30-31 October 2002, BAU, Mymensingh, Bangladesh Agricultural University, Mymensingh, Bangladesh and ENRECA/DANIDA. 166 p.

