

WPI 4.1: emMrtbi vb

AwaKisk meiRi Rb
DcThvMx p^H-Gi gvb ntj v
6-7 GKK |

gmlU A^WQvi Zi meiR Drcv` bTK weTKI fite c^lfmeZ Kti | AwaKisk meiRi Rb` 6 t`TK 7 GKK uc.GBP (p^H) meTPtq teWk DcThvMx | gmlU teWk Aiq (7 Gi WbTP) ev Qvixq (7 Gi Dcti) ntj Dv^Mti i KtqKiu Lut` vcr`vb tkvlythvM` Ae`vq `vTK bv | A^WZj Kgvevi Rb` gmltZ Pz Ges ep^xi Rb` mvj div c^lQvM KiTZ nq |

Rig c^lZKiYi DcKwiZv

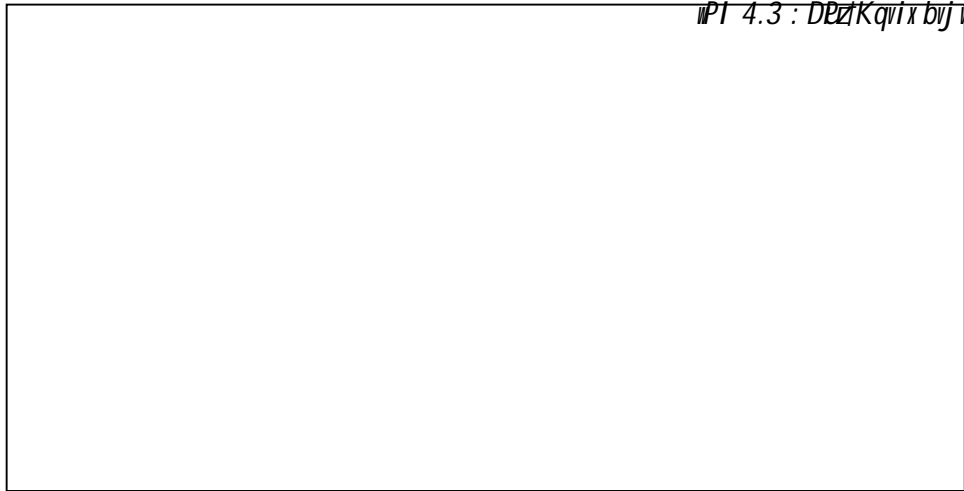
1. kvK-meiR Prtli Rb` Rig DEgijfc Prl I gB w`tq c^lZ Kiv nq | meiR Prtli Rb` gmlU SzSzi Kiv nq weavq MtQi WkKo mnTR gmlU Af`Sti c^lek Kti c^lQvRbxq Lut` vcr`vb I cwb AvniY KiTZ cvti |
2. DEgijfc Prl Kiv RigtZ mnTR evZvm Pj vPj Kti | dtj MtQi WkKo c^lQvRbxq kmb-w^lqv Pij tq thtZ cvti | ZvQov gmltZ DcKviX AbjRe, tjv`rfmeK KivRkg^QKiTZ cvti |
3. Prl Kiv RigtZ mnTR Avtjv-evZvm c^lek Kti weavq gmlU`rfmeK Zvc eRvq `vTK | GtZ extRi mnR A^WZiv`Mg Ges WkKtoi` S^z we`WZ. NtU |
4. gmlU im Ges DePr kwi³ Prtli gva`tg ep^x cvq |
5. Dch^z im Ges Zvc gmlU Af`Sti b^lvBtUtRb Ave^xKiY e`vKtUmi qvTK (i vBtRmeqvq) Kg^Qg ivtL |
6. fitjv fite Prl I gB t`qv RigtZ tgvUg^W mgvb Mfvi Zvq meiR exR ecb Kiv m^We nq |
7. SzSzi gmltZ exR gmlKYvi ms`utk^QAvmtZ cvti Ges cwb MhY Kti A^WZiv`Mg WbW^z I` S^zZi Kti |
8. gmlU KYv tQvU ntj ectbi ci mnTRB exRtK gmlU w`tq tXtK t`qv hvq |
9. Prl Kiv Rig Atc^Qlv A-Prl Kiv Rig ntZ Kg cwi gvY cwb ev^QuxfZ nq |
10. Prtli gva`tg gmlU mt` Re mvi I ce^zZ^Qdm^{tj} i Aewk^Qovsk WgWk^{tq} t`qv m^We nq |
11. AvMvQv Ges gmltZ we`gvb Q^WZKi tcvKiv-gvKo Rig Prtli gva`tg`gb Kiv m^We nq |

Rig Prtli dtj gmltZ
Avtjv evZvm mnTR Pj vPj
KiTZ cvti, gmlU`rfmeK
Zvc eRvq `vTK Ges
WkKtoi` S^z we`WZ. NtU |
Prl Kiv RigtZ gmlU im I
DePr kwi³ ep^x cvq |

Rig`Zvi

kvK-meiRi Rb` m^WaviYZ
20-25 tm.Wg. Mfvi Kti
Rig Prl KitiB Ptj |

m^Wdj`RbKfite meiR Drcv`tbi Rb` c^lQvRb m^WMKfite Rig`Zvi Kiv | Rig Prl vert`i AvtM RigtK mgZj Kti WbTZ nte | RigtZ hv` AvBj`Zvi Kiv `vTK Zte Zv tft^z dtj tZ nte |



PI 4.3 : DEZtKqvix bvj

PI 4.4 : iKve ev gv`v c>IZ



mvi gg®

- meiR Pvl i Rb` Rwg DEz eb`vgŸ, cwb tmP I i b®vktbi mŸeavn mgZj I ti Št` 1¼aj nI qv DvPZ | Rwg i mŸ_ evRvfi i thvMŸthvM e`e`v DbZ nŸZ nŸe |
- `Re-mvi mg× t`v-Avka gvlU meiR Pvl i Rb` DEg | gvlUi i c.GBP 6 t_ŸK 7 Gi gvŠ _vKv fiŸj v |
- meiR Pvl i Rb` Rwg DEgiŸc Pvl Kiv cŸqvRb | Pvl Kiv RwgŸZ mnŸR AvŸj v-evZvm cŸek KŸi Ges exŸRi `ŸfimeK AskŸzi` Mg NŸU |
- Pvl i gv`Ÿg `Re-mvi I cŸeZ® dmtj i Aenkovsk i gvŸj Ÿq t`qv m=è nq, ZvŸZ AvMvQv I gvlŸZ i e``gvb ŸŸiZKi tcvKv-gvKo `gb Kiv hvq |
- tenki fiM meiR Pvl i Rb` 20-25 tm.ig. Mfxi KŸi Rwg Pvl Ki tj B PŸj | gj-RvZxq meiRi tej vq G Mfxi Zv 30-35 tm.ig. nI qv cŸqvRb |

cW 4.2 mvi I mvi c0qM

GB cW tkfI AvciB

- meiR PrtI weifbæRe I ivmiqubK mvi e'envti i c0qVRbxqZv e'vL'v KiTZ cri teb|
- mvti i Pwn`v ubifcY wefeP` nelq, tju eY0v KiTZ cri teb|
- mvi c0qM cxvZ eY0v KiTZ cri teb|



gmltZ Lv`'vcr`vbi Afie tglv`vbi Rb", gmlI DePZv kw³ epxi Rb" Ges KLbl KLbl gmlI tfsZ I ivmiqubK Ae`vi Dbz NuUtq dmj Drcv`tb mrvh" Kivi Rb" RigtZ th`e" c0qM Kiv nq tm, tju vtK mvi etj | mvi gj-Z`0aitYi ntq _vtK| h_v-`Re mvi I A%Re ev ivmiqubK mvi | `Re mvti i Drm ntju Dm`c I c0YvRvZ`e" | Avi A%Re mvi LubR c`v_` t`tk ivmiqubK c0uqvq Kvi Lvbvq`Zvi Kiv nq|

`Re mvi e'envti i c0qVRbxqZv

hir I `Re mvti Dm`i i Lv`'vcr`vb Kg cwigvY _vtK| uKs' meiR Drcv`tb Gi` iaZi Acwimg| `Re mvi nt`Q gmlI c0Y| Lvgi RvZ mvi (tMvi, tMvPbv, MiaevQji i Lverti i Dm`Qo, Kt`uv, nzn-gjMvi we0v, `Lj) meR mvi, KPzi cvbv cFvZ `Re mvti i Drm| ubtP `Re mvi e'envti i c0qVRbxqZv Avtj vPbv Kiv ntju|

gmltZ Dm`i i Lv`'vcr`vb
mieivni Rb" th mKj
`e" c0qM Kiv nq ZvtK
mvi etj |

`Re mvi e'envti i , iaZi

- K. `Re mvi e'envti gmltZ `Re c`vt`P cwigvY tefo hvq|
- L. `Re mvi MvtQi Lv`'Fv0vi intmte GK` iaZcY`fugKv cvj b Kti _vtK, hv` mN` b ati MvQ e'envi KiTZ cri |
- M. `Re mvi e'envti gmlI` Yv`Y Dbz nq| GtZ MvtQi c0D Drcv`vb I cwb aviY` fJgZv ep` cvq; GgbwK tetj I t`v-Avk gmltZ cwb I mvti i AcPq Ktg hvq|
- N. MvtQi Abjv`-Dcv`vbi Drm intmte `Re mvti i fugKv iqtq|
- O. `Re mvi e'envti gmltZ evqPj vPj tefo hvq, Ges gmlI` DcKvi x RxeYj` uqvKj vcl tefo hvq|
- P. gmlI im aviY` fJgZv emotq t`q| GtZ dmtj i Liv-mnbkxj Zv tefo hvq Ges tmtpi cwbI mivKfite e'euZ nq|
- Q. M0Skvtj gmlI Zvcgvtv Kigtq t`q Ges kvZKvtj gmltK D0 i vltZ mrvh" Kti |
- R. RigtZ KxUvbkK JIa I ivmiqubK mvti i AviaK`RvbZ tKvtbv neluqv m0 ntj `Re mvi H weIv³Zv KigtZ mrvh" Kti |

`Re mvi nt`Q gmlI c0Y
Lvgi RvZ mvi `Lj, meR
mvi, KPzi cvbv cFvZ `Re
mvti i Drm|

L. ivmiqubK mvi e'envti i c0qVRbxqZv

ivmiqubK mvti cavbz GK ev GKvAK Lv`'vcr`vb tenk cwigvY _vtK| AviaKvsk t`fj`f G, tju cwbZ`e`Yvq nIqv gmltZ c0qvM mvt_ mvt_ Gt`i Lv`'vcr`vb Dm`i i vBKU M0YthvM" nq| gmltZ Lv`'vcr`vbi Afie`y KiTZ ntj ivmiqubK mvi e'envti Zpi Z dj cvl qv hvq| Zte gmltZ ivmiqubK mvti i c0ve` fJY`vqx| eisj vt`tk e'euZ cavb ivmiqubK mvi` tju ntju BDvi qv, u0ej m0zvi dmtDU (u.Gm.u), vgdTiU cUvk (Gg.u), uRcmv BZ`v |

gmltZ Lv`'vcr`vbi Afie
`f-KiTZ ntj ivmiqubK
mvi e'envti Zpi Z dj
cvl qv hvq|

meiR PrtI mvti i Pwn`v ubifcY

meiR Pvl i cfe^omvⁱ Pvn`v ubifcY Kiv AZ`š , iaZcY^oKvR | meiRi Pvn`v Afc^olv Kg mvi c^oqm Ki^t GjK thgb meiRi dj b Ktg hte | Ab`ir K tenk e`envi Ki^t mⁱ i AcPq nte Ges Rvgi , Yv, Y bó nte | th welq, tjv wetePbv Kti meiR Pvl mⁱ i Pvn`v ubifcY Ki^t nq tm, tjv ntj v—

cvZvRvZiq meiRtZ
bvBtUtRb, dZ I dj
RvZiq meiRtZ dmdi v
Ges gj-er K` RvZiq
meiRtZ cUvk mvi tenk
jvM |

- meiR Pvl v^t i cfe^ogmltZ KZUKzLv^t `vcr`vb itqtQ Zv gml cix^olv Kti tei Kti ubtZ nte | tKv^t Lv^t `vcr`vb `rfmeK cwi gv^tYi tP^tq Kg _vKtj Zv mvi c^oqv^tMi gva`tg ci-Y Kti w`tZ nte | Gici dmj Rš^tZ nte | dmj msM^oni ci Avevi gml cix^olv Kti Rvb^tZ nte D³ dmj Rvg t^tK KZUKzvefbaLv^t `vcr`vb tkvlY Kti tQ | GB tkvlYKZ.cwi gvYB ntj v D³ dmtj i mⁱ i Pvn`v |
- wefba^tYi meiRi mⁱ i Pvn`v wefba^tKtgi n^tq _v^tK | thgb - 1. cvZvRvZiq dmtj bvBtUtRb tenk `iKvi, 2. dZ I dj RvZiq meiRi Rb` tenk `iKvi dmdi v Ges 3. g j RvZiq dmtj i Rb` tenk `iKvi cUvkqvg |
- meiR Pvl i tgq^v wetePbvq Gtbl mⁱ i Pvn`v ubY^o Kiv thtZ cv^t | Aí -mgq tgq^v x meiRi tej vq tenk-mgq tgq^v x meiR n^tZ Kg cwi gv^tY mⁱ i c^oqvRb nq | gmltZ A^oZj ^olv^tZi fvi mⁱ t^o Dci l mⁱ i Pvn`v wbf^o Kti | AwaKisk meiRi Rb` 6-7 GKK A^o ^olv^tZi A^o mvgv` A^oZj metP^tq tenk Dc^th^oM | A^oZj Kgvevi Rb` P^o Ges A^oZj evovevi Rb` mij dvi mg^x mvi c^oqm Ki^t nq |

A^oZj Kgvevi Rb` P^o Ges
A^oZj evovevi Rb`
mij dvi mg^x mvi c^oqm
Ki^t nq |

metk^tl gtb ivL^tZ nte mⁱ i Pvn`v tgv^tbvri Rb` c^olv^o i vmvqibK mⁱ i Dci wbf^o bv Kti `Re mvi e`envi Kiv D^oPZ | meiRi g^o Lv^t `vcr`vb, tjvi tgvU Pvn`vi ASZ 10-15% Lv^t `vcr`vb `Re mvi t^tK Avmv D^oPZ |

mvi c^oqm c^xvZ

mvi c^oqm Kih^og^tK
mvavi YZ tgšj c^oqm Ges
Dcwi c^oqm GB `^ofv^tM
fivM Kiv hvq |

meiR Drcv`tb mvi c^oqm c^xvZ , iaZcY^ofvgKv iv^tL | gml i tšZ I i vmvqibK Ae^o, Avenlqv, mⁱ i c^okv, cwi gv^tY, meiRi aib I wK^otoi c^okvZi Dci wbf^o Kti mⁱ i c^oqm c^xvZ wefba^tKg n^tq _v^tK | mvi c^oqm Kih^og^tK mvavi YZ tgšj c^oqm Ges Dcwi c^oqm GB `^ofv^tM fivM Kiv hvq | c^ougK Rvg `Zwi mgq mvi c^oqm Kiv^tKB tgšj c^oqm etj | Dcwi c^oqm etj tZ Rvg^tZ meiR dmj tivcY/ecb Kivi ci mvi c^oqm Kiv^tK tevSvq |

uQuUtq mvi c^oqm

tgvUvtgml MvtQi m^oeb`
wKko c^ovj x `Zwi nevi
c^tiB uQuUtq mvi c^oqm
Ki^t Zvi `^o e`envi nq |

mvavi YZ `^oev^ti uQuUtq mvi c^oqm Kiv n^tq _v^tK | tgšj c^oqm wntmte Rvg Pvl i ci mvi uQuvtbv n^tq _v^tK Ges gB w`tq gml i m^o _ugv^tq t`qv nq (wP^t 4.6) | Avi Dcwi c^oqm wntmte MvtQi A½R ew^xKvj xb mg^tq mvi uQuvtbv n^tq _v^tK Ges tm^tPi c^omb ev ubomb w`tq gml tZ ug^oq t`qv nq (wP^t 4.7) | uQuUtq mvi c^oqm c^xvZi m^oev ntj v mvi c^oqm mnRZi Ges Kg e`q euj | Avi Am^oev ntj v dmdi v I cUvk gml tZ AwaK cwi gv^tY Ave^x n^tq c^o etj MvtQi wBKU MbY^th^oM Ae^o v^o _v^tK bv | tgvUvtgml m^oeb`š wKko c^ovj x `Zwi bv n^ol qv ch^o M^o `^o v^o m^o G c^xvZ^t c^oqm Kiv mvi e`envi Ki^t m^o nq | G^ovov A½R ew^xi mgq Dcwi c^oqv^tMi gva`tg mvi uQuUtq t`qv ntj MvtQi cvZv Rfj hvevi m^oebv _v^tK |



7

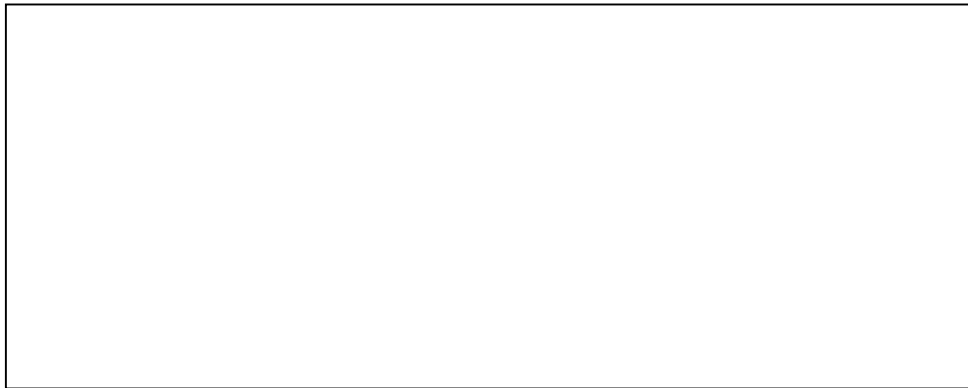


IPĪ 4.7 Dcwi cĕqM

gultĕZ ũbi 0 RuqMq mvi cĕqM

G c×iZĕZ mvi cĕqM dĕj exR ev MĕQi hvĕZ tKvĕbviĕc 9iZ bv nq tmRb" ũbi vc` `i-Z; eRvq tiĕL gMUi ũbĕP mvi cĕqM Kiv nĕq _vĕK (iPĪ 4.8) | exĕRi ũbKU mvi cĕqM t9ĕĕĕ cĕk; Mfxi Zvq h_vĕĕg 8-10 tm.ŭg. `i-Z; eRvq i vLv DĕPZ | Avi MĕQi tej vq mvi cĕqM t9ĕĕĕ ũkKtoi ũe`iZ j 9" tiĕL mvi cĕqM Kiv DĕPZ | G c×iZĕZ Aĕc9vKZ. Aĕ cwi gvY mvi cĕqM Kĕi AĕK cwi gvY dj b cvl qv hĕq | Amĕav nĕ"Q GKUĕewk e`qeuĕ |

7



IPĪ 4.8 K. cvk;cĕqM



cufVĒi gj`iqb 4.2

1. mZ` ntj ōmŌ Ges iḡ_`v ntj ōngŌ vj Lly|

- K. Mv̄Qi RiebPμ m̄`úYQKi tZ tgvU 20iU Lv̄`vcv`vb Avek`K|
- L. gvuU tZ iQiuU tḡ mvi cŌqvM c×iZ metP tḡ mnR Ges Kg e`qeūj |
- M. cvZi RvZxq meiR gvU t_ tK dmdim mvi teuk cwi gv̄Y msMh̄ Kti |

2. ib`vb ciY Kiā|

- K. c×iZ tZ Aí mvi cŌqvM Kti AwaK dj b cvl qv hvq|
- L. dmj Rš̄t bvi I gvU ci r̄v̄v̄ Kti m̄t̄i i Pm̄`v̄ v̄bifcY Kiv hvq|
- M. Pā RvZxq m̄t̄i i m̄t_ tḡkv̄tj m̄t̄½ m̄t̄½B cŌqvM Ki tZ nq|

3. m̄WK DĒti i cufk iWK v̄P̄y (√) v̄ b|

- K. tKv̄bU gvU i tF̄š̄v̄ZK I i v̄m̄iqv̄bK Ae`vi Db̄v̄Z NUvq bv?
 - 1. A%Re mvi
 - 2. cvnb
 - 3. `Re mvi
 - 4. evZvm
- L. gvU i b̄v̄B̄t̄Ūt̄R̄t̄bi Afie `i Ki tZ ntj tKv̄b&mvi cŌqvM `Z dj cvl qv hvq?
 - 1. n̄t̄oi ,ov
 - 2. tMvei
 - 3. K̄t̄v̄úv̄ó
 - 4. BDv̄i qv
- M. d̄ž I dj RvZxq meiRi Rb` tKv̄b&mvi teuk cŌqvRb?
 - 1. BDv̄i qv
 - 2. tMvei
 - 3. dmdim
 - 4. cUv̄kqvg

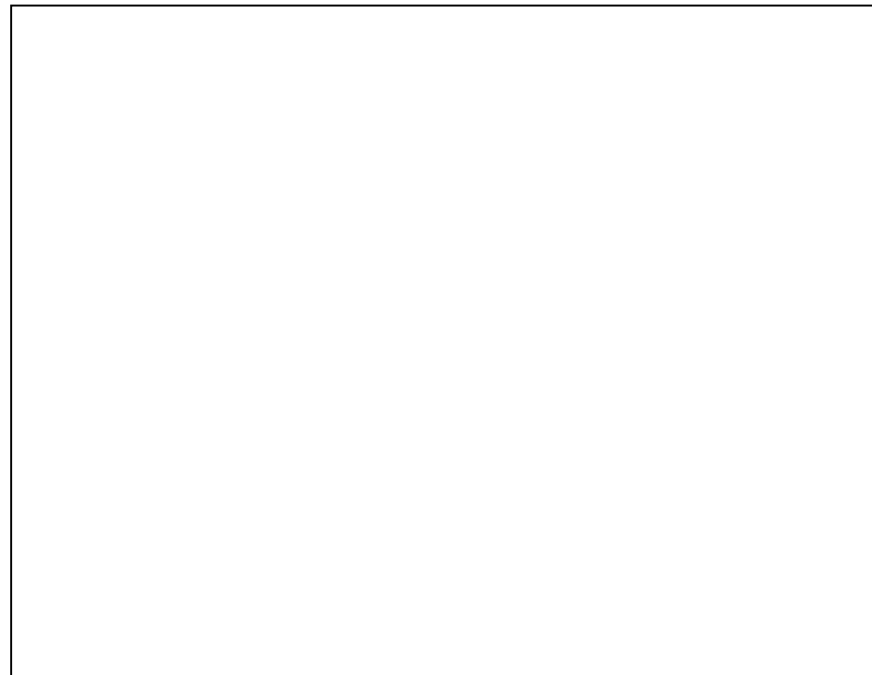
4. GK K_vq ev eufK` DĒi v̄ b|

- K. Dv̄`c gvU ntZ tKv̄b&Lv̄`vcv`vb teuk cwi gv̄Y Mh̄Y Kti?
- L. iU.Gm.ic ntZ MvQ cāvbZ tKv̄b&Dcv`vbU Mh̄Y Kti?
- M. KLb mvi cŌqvM Kiv Dv̄PZ bq?

meiR 1 : dmtj i tKubvRj Ae`iq cwi Afie`i-KivAek`K

dmj	MtQi epxi th chiq cwi Afie`i Ki tZ nte	G Ae`iq gwi meiRvAbiq gvi (%)
gKzgjv, Mvri	dmtj i cji v RiebKvj	50
Avj	tovj b nl qv chs Ges Avj ynl qvi mgq	70
igv Avj	j Zv j vMvbi t`tk Priv MRvbi chs	50
UtgUv, te, b, WvUv kvK, ckvK, tXam, eiUv, ukv	dmtj i cji v RiebKvj	65
jvj kvK	Priv Ae`v l MtQi epxi c`igK chiq	65
Kijv, Kvitiij, kmv, cUj, jvD	dmtj i cji v RiebKvj	50
igv Kgov, ZigR	dj tdiUv l dtj i epxi Ae`iq	50
evKic/dj Kic	evKic gv v ev i ia ev dj Kic Kiv nl qv i i t`tk eo nl qv chs Ges Priv j vMvbi cieZP10 v b chs	65

0. gwi im cixv Kti l tmPi cqvRbxqZv vbyq Kiv hvte (iPI 4.11) |

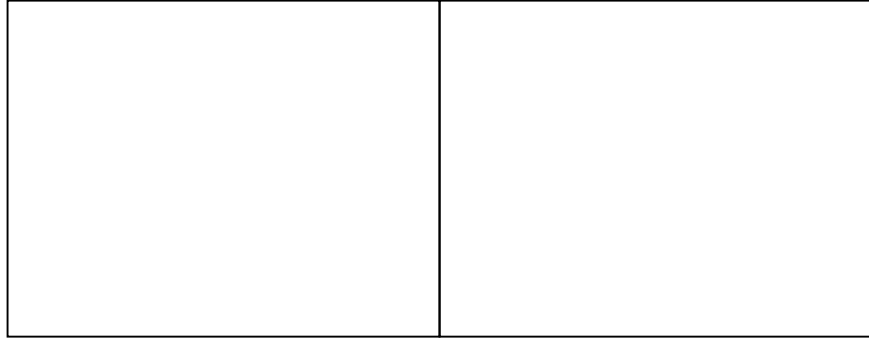


iPI 4.11 cwi cqvRbxqZv vbyq

tmP cxvZ

tKj x l bvj v uksev teW l
bvj v cxvZB meiR tZ
tmPi Rb` tek Dc thvMx |

evsj vt`tk meiR Drcv`tb cieb (Flooding), tKj x l bvj v (Ridge and Furrow), teW l
bvj v (Bed and Furrow) Ges SYv mAb cxvZ tZ tmP t` l qv nq | Zte tKj x l bvj v uksev



cwb ib[®]ukb

MtQi tMvoq cwb Rtg
vKtj kmtbi Rb
c0qvrBxq Aw tRb bv tctq
ukKo AtKtRv ntq cto

evsj vt`tk elKvtj meiR tQtZ RjveXZv GKIU weivU mgniv | AwKvsk meiR RjveXZv
tgvtUB mn` KiTZ cvti bv | MtQi tMvoq cwb Rtg vKtj kmtbi Rb` c0qvrBxq Aw tRb
bv tctq ukKo AtKtRv ntq cto | teukQY G Ae`v weivR Ktj `j R meiR tetP vKtZ
cvti bv | mbPi cvZv jvj ntq Stj cov RjveXZvi j QY | gnuTZ AwZwi³ cwb vKtj
meiR MtQi th QwZ nq tm,tjv ntjv-

- 1) gnuji iUk evqyPj vPj weivZ nq Ges cwbTZ cY[®]vKtj ukKtoi klm e`vnZ nq etj
MtQi epv nvm cvq Ges ti vM-evj vBtqi AvμgY teuk nq Ges cwi tkI ukKo gti hvq |
- 2) ukKo gnuji Mfxti c0ek KiTZ cvti bv |
- 3) gnuTZ Aw tRtbi Afite AcKvix RievYj eskev NtU Ges DcKvix RievYj eskev[®]tZ
e`vNvZ NtU |
- 4) MtQi MhYthvM` bvBtUU (NO₃) bvBUvBU (NO₂) Ges mij tdu (SO₄) mij dvBtW
(SO₂) cwi ewZ nq | G,tjv MvQ MhY KtZ cvti bv |
- 5) gnuji ZvcgvIv nvm cvq, dtj MtQi epv/dj b fvtjv nq bv |
- 6) RjveXZv ntj gnuji jeYw` metaS I ub:miY ntZ cvti bv |

gnuTZ Aw tRtbi Afite
AcKvix RievYj eskev
NtU Ges DcKvix RievYj
eskev[®]tZ e`vNvZ NtU

mpeavgZ ub[®]ukb cXvZ MhY Ktj AwZwi³ tmP ev epoi cwbi RjveXZv mgvavb Kiv mpe |
G,tjv nt`Q ub[®]ukb byjv `Zwi Kiv, eta mbgP, cwbi MvZ cwieZtbi Rb` byjv `Zwi I cvKv
tmP byjv Ges DEzteW `Zwi Kiv | GtZ Kti Rigi Dci AwZwi³ cwb Rgv ntZ cvti bv |
fwi Kv`v gnuTZ mntRB cwb Rtg | Gifc gnuTZ `Re mvi A_ev b`x ewvZ cvj gnu c0qvm
Kti gnuji ub:miY I Abyreb QgZv epv Kiv thtZ cvti |



ciVvEi gj`iqb 4.3

1. mZ` ntj OmO Ges iQ_`v ntj OmO vj Lly|

- K. t`veAvk gmiUi cimb aviY qIgzv tewk|
- L. MtQi tMvovq cimb Rgtj cO`^b cQmqu e`vnZ nq|
- M. RvgtZ cimb Afve ntj gmiUi is miv`v Ges cvZv jvj nte|

2. ib`wb ciY Kiab|

- K. Avakisk meiRtZ kZKiv fVM cimb_vtK|
- L. eijonxb Ae`vq w`b cici meiR tqtZ tmP t`lqv DiPZ|
- M. eivj vt`tk tewki fVM tqtT tmP cXvZ AeJ`b Kiv nq|

3. mWK DEti i ctk WK vPy (v) w`b|

- K. RvgtZ cimb Afve bv`vKtj gmiUi is Kx i Kg nq?
 - 1. nyj Kv
 - 2. Mvp
 - 3. Kyj tP
 - 4. ev`vqx
- L. `f Kyj xb meiRi tejvq gmiUi cimb aviY qIgzv kZKiv KZ fvtMi wbtP Gtj tmP t`lqv DiPZ?
 - 1. 50 fVM
 - 2. 60 fVM
 - 3. 70 fVM
 - 4. 80 fVM
- M. RjvexZvi j qIY Kx?
 - 1. Dcti i cvZv jvj nIqv
 - 2. wbtPi cvZv jvj ntq Sto cov
 - 3. wbtPi cvZv Mvp meR nIqv
 - 4. Dcti i cvZv Mvp meR nIqv

4. GK K_vq evvK` DEti w`b|

- K. eivj vt`tk tKvb&mgq cimb tmP Qvov meiR Drcv`b mae`bq?
- L. tKvb&dmj RjvexZv mn` KitZ cvti bv?
- M. MtQ dz` aiv Ae`vq SiYv cXvZtZ tmP w`tj Kx nq?

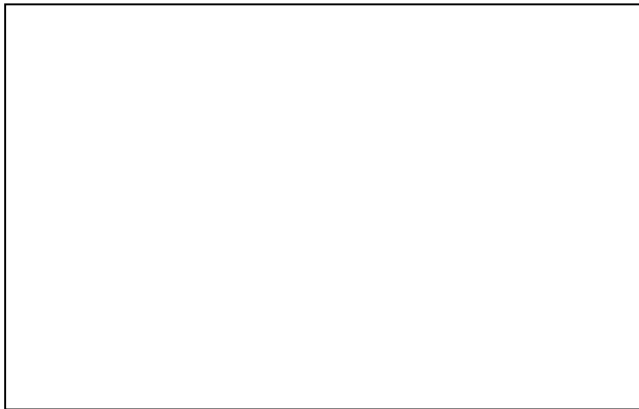
t¶tZ M¶Qi ~fweK NbZ
eRvq ti¶L me¶aK dj b
cvl qvi j¶¶ g¶i hvl qv
Pvivi kb~v¶b bZb Pvi
j vM¶Z nq|

4. M¶Qi ga'eZ¶rb~vb ciY

tivcY c×wZ¶Z Pvlver`KZ.meiRi tejvq A¶bK mgq Pvl vei¶fbaKvi¶Y gvi¶v th¶Z cv¶i |
G¶¶¶¶ t¶tZ M¶Qi ~fweK NbZ; eRvq ti¶L me¶aK dj b cvl qvi j¶¶ g¶i hvl qv Pvi
k¶~v¶b bZb Pvi j vM¶Z nq| maviYZ tivc¶Yi 3-5 w`b ci G KvR mgvar Kiv D¶PZ|

5. Pvi tivcY cieZ¶m¶h¶ Av¶jv t_¶K i¶v

d¶K¶c, evavK¶c, tj Uz, Ij K¶c, tetK¶j BZ~w`i Pvi j vM¶bvi ci Kjv M¶Qi tLv ev



KvM¶Ri U¶c evb¶tq mivmvi
m¶h¶ Av¶jv t_¶K 3/4 w`b
i¶v Ki¶Z nq (w¶¶ 4.18)|
KviY c¶wK ch¶q G
e`e~v br v¶tj c¶i ti¶¶
c¶~^b nvi teto hvq Ges
Pvi M¶Q g¶i hvq|

w¶¶ 4.18 tivcY cieZ¶m¶h¶ Av¶jv t_¶K Pvi i¶v

6. Pvi cvZjvKiY

ecb c×wZ¶Z Pvlver` Kivi
t¶¶¶ m¶K ~iZ; eRvq
ti¶L Rv¶Z exR tev¶v m¶e
nq bv| G¶¶¶ Pvi ~¶cvZv

me¶k¶ n¶j Nb RvqMv n¶Z maviYZ ¶¶ Pvi D¶¶¶ cvZjv K¶i w`¶Z nq| bZev meiR
M¶Q, ¶jv G¶K Actii m¶_ Av¶jv, evZim I ~v¶bi Rb` c¶ZthwMZv K¶i Avkibj¶c dj b
w`¶Z e`_¶q| maviYZ n¶Z w`¶q GKvR m¶ub¶Kiv n¶q _¶K|

7. Ab~vb` cuiPh¶

dj b e¶x Ges Gi _YMZgvb i¶v Kivi Rb` KZK, ¶jv meiRi tejvq me¶kl me¶kl cuiPh¶
c¶qvRb nq| thgb, j Zv¶bv c¶KwZi meiRi tejvq evD¶b I gvPv ~Zvi KiY, U¶gt¶vi tejvq
A½ Qiv¶B I L¶¶ t`qv, ci-civM¶qZ meiRi tejvq K¶¶g civM¶q¶bi e`e~v Kiv, t¶v¶ Avj ¶j
tejvq M¶Qi t¶vovq gv¶U D¶¶¶ t`qv, w¶w¶ Avj ¶j tejvq gv¶S g¶a` j Zv Z¶j a¶i c¶v¶v
Rv¶Z i vLv BZ~w` |

K. meiR d¶¶j t¶¶bs

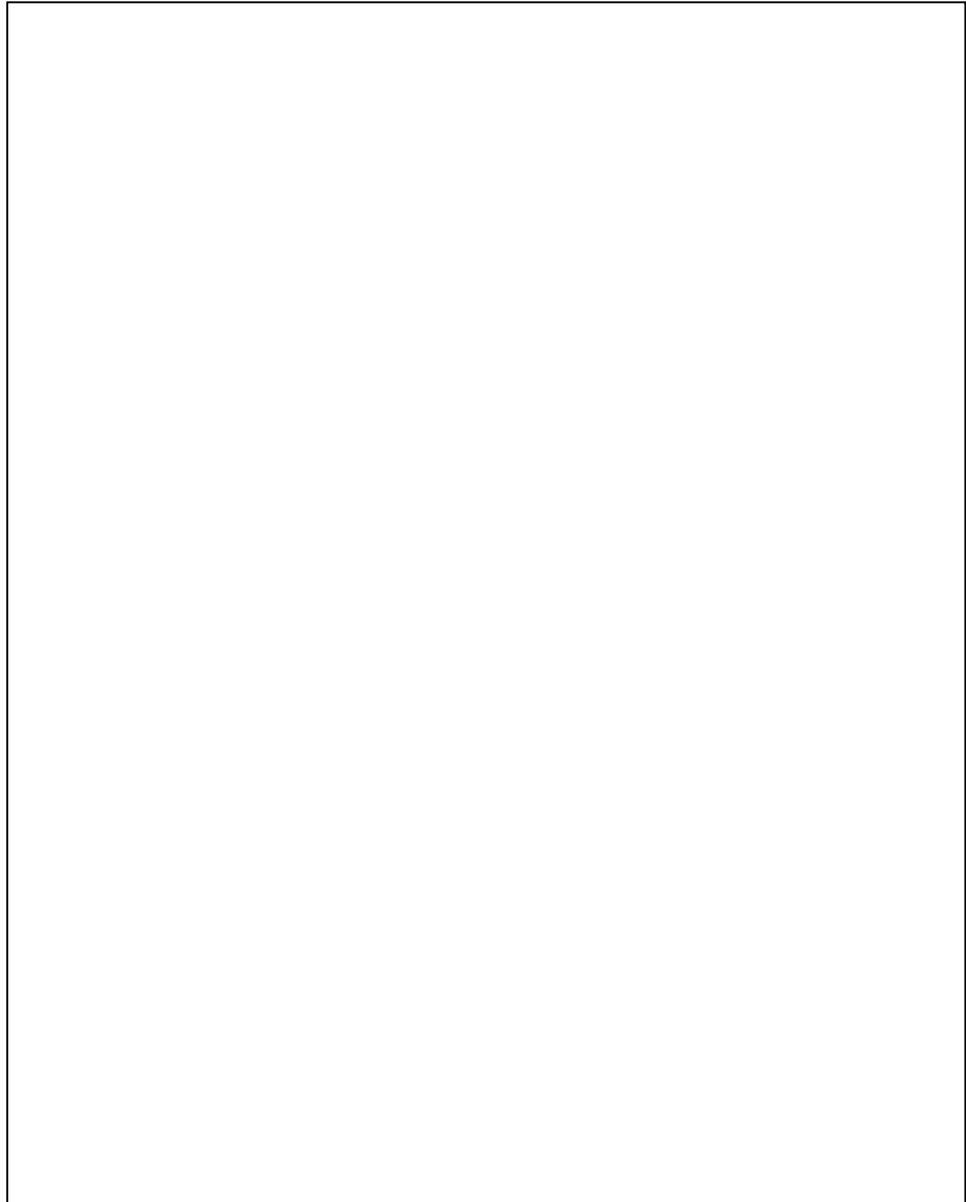
evD¶v w`¶q M¶Qi e¶x i w`K v¶t`Rbv t`lqv GKai¶Yi t¶¶bs| t¶¶bs-Gi c¶vb D¶¶¶ n¶¶Q
j Zv¶bv M¶Q¶U hv¶Z GK¶U w¶w`¶ AvKwZ. cvq Ges m¶¶RB e¶x t¶¶Z cv¶i | M¶Qi GK¶U
w¶¶¶¶ te¶K¶q, t¶¶¶¶ A_ev evD¶vi m¶_ teta w`¶q GKvR Kiv hvq| j Zv¶bv meiR M¶Q¶K
Aek`B t¶v (Staking) ev evB¶q w`¶q t¶¶bs w`¶Z nq| t¶v t`qv `i Kivi nq Ggb wZb
ai¶bi j Zv¶bv M¶Q i¶¶¶¶| thgb- (1) Kgv¶ cui ev¶¶i M¶Q, hv¶`i AvKix® (w¶¶ 4.19K)
Av¶Q Ges hviv v¶RivB tetq DV¶Z cv¶i, (2) ei evU Giv t¶¶¶¶ D¶¶i D¶¶ (w¶¶ 4.19L),
(3) thgb-U¶gt¶v G¶i D¶¶i w`¶K tetq DV¶i ~fweK ¶¶gZv t¶B Ges t¶Rb` M¶Qi
cv¶¶b t¶v t`qv e`e~v Ki¶Z nq (w¶¶ 4.19M)| Xijv¶ f¶¶ gvPv bv w`¶q c¶Zw¶ M¶Q¶K
Avj v¶v¶¶ t¶v t`qvB D¶¶ c¶¶¶ w¶¶¶¶ me¶¶¶Z| B¶¶¶ A A¶¶¶i b¶v¶ t¶¶¶¶ gvPv
t`qv GK¶U m¶¶¶¶¶ D¶¶ c¶¶¶ (w¶¶ 4.19N)|

j Zv¶bv meiR M¶Q¶K
Aek`B t¶v (Staking) ev
evB¶i w`¶q t¶¶bs w`¶Z nq|



MrtQi`nK epx ubqšY
Kivi DfI`k` Ac0qvRbxq
kvLv, c0kvLv, j Zv-cvZv
GgbwK wkKo BZ`w` QvUvB
KivtK A½ QvUvB etj |

2. ZigR, wgwó Kgov BZ`w` tZ` 0Uv c0vb kvLvi 10-12 baf Mrtwi dj ivLv ntq _vtK (wPI 4.20L-M), GtZ GKB AvKvti dj cvlqv hvq| AwZwi³ evoš j vD MrtQi Wwv tKtU t` lqv fvtj v|
3. te_s b ev tXam MrtQ cieZp'tgšmšg ivLtZ ntj, 2-3 wU Mrti tL evKx cšjv MrtwU KvUv ntq _vtK (wPI 4.20N) |



wPI 4.20 dmšj i A½ QvUvB

dj cvZjvKiY

dj RvZxq memR, thgb- UtgtUv, te_s b, wgwóKgov BZ`w` i tKvtr GKwU MrtQ ev t_vKvq AwZwi³ dj _vKtj tm_s tjv cyp i Afvte h_vh_fvte epx c0B ntZ cvti bv| dtj dj AvKvti tQvU, wKZ.Ges wbkó.gvšbi nq| dj tQvU _vKtZB dj cvZjvKišYi KvR m=úbæKišZ nq|



cuVvEi gj`iqb 4.4

1. mZ` ntj OmOiq_`v ntj OmOij Ly|

- K. exR ev Pvlv tivcYceKvR, tj vK AŠeZPcwi PhPeTj |
- L. meiR t`qTz AvštKIŠ Kivi DtI`k` nT`Q gMv SžSžI ivLv|
- M. ejo l tmTpi ci gMv i iKtq Dcwi fvTm k³ Av`liY cotj MvQ gviv hvq|

2. iB`vb cyY Kiab|

- K. gMv t`tk cMv ev`uxFeb vBqšT`Yi e`e`vK etj |
- L. meiRi dj b evotbvi Rb` MvTQi tMrovq gMv Zžj v`Tz nq|
- M. Pvlv tivcT`Yi v`Tbi gTa` gTi hvI qv MvTQi iB`vb cyY Kiv DvPZ|

3. mMK DĖi iutZ cuK vJK vPy (v) v b|

- K. ecb Kti j vMvTbv meiRi tejvq Pvlv KZ cvZvewkó ntj cvZjvKiT`Yi `v`e`eP Pvlv DvTq tdj Tz nq ?
 - 1. `šcvZv
 - 2. vZbcvZv
 - 3. PivcvZv
 - 4. cvPvcvZv
- L. cicivMvqZ meiRi tejvq dj b evotbvi Rb` tKvb&cwi PhvU Kiv c`qvRb ?
 - 1. tMrovq gMv Zžj t`I qv
 - 2. A½ QvUvB Kiv
 - 3. KvTg civMvqTbi e`e`v Kiv
 - 4. Lv t`I qv
- M. te`b ev tXamMvQ cieZP`tgšmTg ivL`Tz ntj KqvU MvU ivL`Tz nq?
 - 1. 3-4 vU
 - 2. 4-5 vU
 - 3. 2-3 vU
 - 4. 6-7 vU

4. GK K_vq ev evK` DĖi v b|

- K. gvj vPs vntmte Kx e`envi tevK dj cĥ ?
- L. tKvb&i stqi cMóK v`Tq gvj vPs KiTj ZvcgvT`v evto ?
- M. Kvc tMvT`i Pvlv MRvTbvi ci m`hP AvTj v nTz i`qvi Rb` Kx e`envi Kiv nq ?

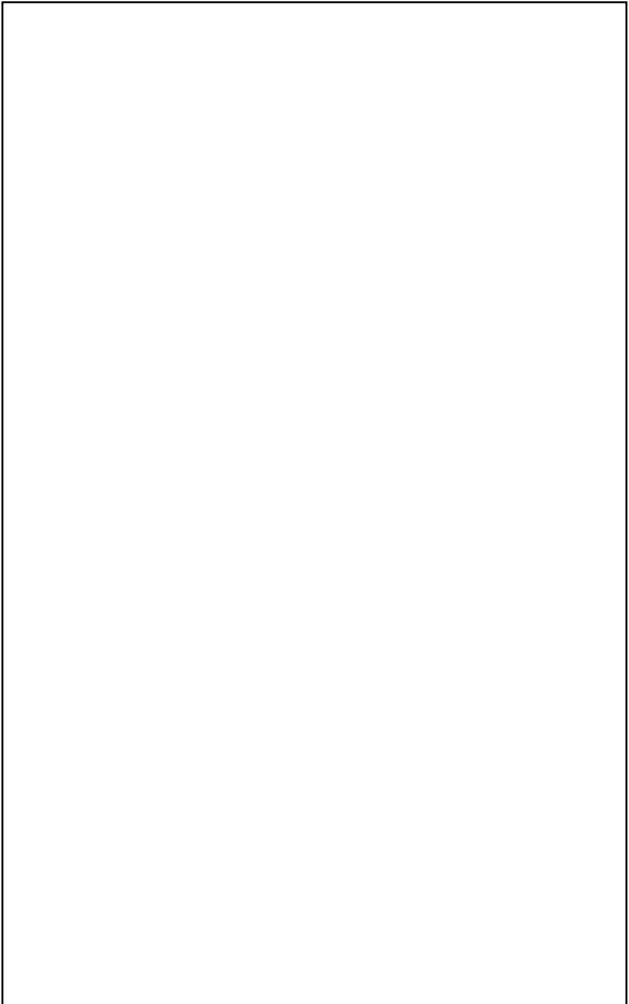
ikKo wfbæ`li t_#K Lv`vcr`vb msMðh Ki#Z cv#i | mviwY 4.5.1 Gi mrvnh` ubtq km`
ch#qi cwi KÍbv Kitj fv#jv djvdj cvl qv mæ`e|

mviwY 4.5.1 t ikKtoi `N`fiEK meiR dmtji tk#ieb`m

mv_x dmtji t#t# km`
gv#V_vK#Z_vK#ZB
Av#i KiU km` H R#gtZ
tivCY K#i t`qv nq|

meiRi bvg	ikKtoi Mfxi Zv
K. eva#Kuc, dj#Kuc, jvj kvK, c#kvK, P#b#kvK, emU kvK, g#x KPz	AMfxi (c#q 50 tm.ug.)
L. MvRi, gjv, Avjy, WwU kvK, D#`O/Kijv, ei emU, ukg, Kv#i#ij, clj, Utg#Uv	gvSvix Mfxi (c#q 100 tm.ug.)
M. te_b, tXam, K#ov, jvD, ugwó Avj ykmv, ZigR	Mfxi (100 tm.ug. Gi Dcti)

M. Ab`vb` th me uelq_#jv
meiRch#q cwi KÍbv
`Zwi#Z me#ePbvq Avbv
DwPZ Zv ntjv- meiRi
ti vM l tcvKv-gvKo
c#Z#iva #lgZv, `vbxq
Rjevqy gvUli c#Kvif`,
kigtKi c#`Zv Ges
evRv#i meiRi Pwn`v l
gj`|



AŠbZ#Pvl ver`
meiR ch#q mivKfv#e
cwi KÍbvi Rb` wfbæait#Yi
AŠbZ# Pvl ver#i K_v
me#ePbv Kiv th#Z cv#i|
G_#jv ntjv-

Ab#ugK Pvl t GKB R#gtZ
cici `B ev Z#ZmaK km`
ecb/tivCY Kiv|

mv_x dmtji Pvl t GB
c#uZ#Z GK#U km` gv#V
_vK#Z_vK#ZB Av#i KiU km`
H R#gtZ tivCY K#i t`qv
nq| thgb- eva#Kuc msMðni
c#eB mvi i dvtK Zig#Ri
Pv#v jvM#q t`qv A_ev
tXatmi gv#S t#A`exb ecb
Kiv (#P# 4.21)| Gme t#t#

G#Z Drcv`b LiP Ktg Av#m| eZ#v#b Avgb t#t#Z gmj, mvi lv, Avj yBZ`w` ai#bi dmj
Gfv#e Pvl Kivi c#j b evotQ|

ugk#Pvl t GB c#uZ#Z GKB R#gtZ GKB m#t_ m#avi YZ `B#U ev Z#ZmaK km` tivCY Kiv
nq| thgb- tXatmi m#t_ WwU ev gv#i #Pi Pvl Kiv|

#PI 4.21 AvŠ-: Pvl c#uZ



cvfVĒi gj`iqb 4.5

1. mZ` ntj ōmŌGes ig_`v ntj ōngŌvj Lly|

- K. cĀZ eQi GKB RıgŧZ chŋqμtg newfbætgšmg newfbædmj Drcv`b KivŧK meiR web`vm etj |
- L. meiR chŋqi gva`tg e`vKŧUwi qv `gb Kiv hvq|
- M. meiR chŋq `Zwi Kivi mgq Rıgi DeŋZv kwi³i meŋaK e`enŧi i K_v meŧePbvq AvbŧZ nŧe|

2. ĩb`~wb ciY Kiŧ|

- K. eivKıci wkKŧoi Mfxi Zv hvq tm.wg. |
- L. kvK I dj RvZıq meiRi ci RvZıq meiR j vMvŧbv thŧZ cvŧi |
- M. dmŧj i wkKo wbi`ŧ Mfxi Zv t_ŧK MŧY Kŧi _vŧK|

3. mŋK DĒŧi i cvŧk wK wŋ (v) w b|

- K. GKB RıgŧZ newfbætgšmg newfbæmeiR Pvlvev` Kiv ntj Rıgi ŧKıv&ıRıvŧmi meŋaK e`enŧi wbi`ŌZ nq ?

 - 1. cvwb
 - 2. eivZvm
 - 3. DeŋZv kwi³i
 - 3. LıvR

- L. cĀvbZ bıBŧUŧRb I dmdıvm cŌ` Kvi x meiR ŧKıvŧU ?

 - 1. cvZv RvZıq meiR
 - 2. dj RvZıq meiR
 - 3. KivŪ RvZıq meiR
 - 4. gj- RvZıq meiR

- M. ŧKıv&dmj RıgŧZ `Re c`v_ŋg thıM Kŧi ?

 - 1. eivKıci
 - 2. ŧcqvR
 - 3. wkq
 - 4. gUi`ıw

4. GK K_vq ev eŧK` DĒi w b|

- K. cvZv RvZıq meiR cĀvbZ Kx MŧY Kŧi _vŧK ?
- L. GKıU km` gvŧV _vKŧZ _vKŧZB Avŧi KıU km` H RıgŧZ ti vcb KivŧK Kx etj ?
- M. te_ŧbi wkKŧoi Mfxi Zv KZ ?

RLg mvi vtbv: Avj yigwó Avj ytcqur BZ`w`i RLg mvi vtbvi Rb` AþK mgq giv Qvqvhý`
`v`tb A_ev Aþc`qvKZ. D`P ZvcgvÎv (20⁰-40⁰ tm.) Ges D`P Av`Zvq (Kgcþ`q 80%)
KtqKw` b ti þL w` tq RLg mvi vtbv hvq |

tgvoKvqb: ersj v`tk meiRi tgvoKvqb e`e`v LqB AbþZ | `þi cvvrtZ ev AþK`qY meiR
UvUKv ivLvI Rb` tgvoKvqb LqB , iazcY`p` wKQymsL`K meiR mslM`ni ciciB `Z cwb
cwiZ`vM Kti Ges tbwZtq cto | GB



wPÎ 4.23 meiR evRvi RvZKi Y

mg`l kvK-meiR evRvi RvZ Kiv LqB
AmþeavRbK | ZvB G, t`jv LqB cvZjv I
`Q cwiw`vbi tcvUjvq ivLij tbwZtq
covi m`tebv `v`K bv | kvK, t`kKjx,
d`zKwC, evav KwC, t`kwkG, tjUaz,
ambqv cvZv BZ`w` Gfvt`e tgvoKRvZ
Kiv th`Z cvti | tgvoKvqb Kivi ci
`þji evRv`i cwi ent`Yi mgtq meiR`Z
hvrtZ AvNvZ bv j`vM tmRb` e`v`v`x bv
Kti evqyPj vP`j i mþeavhv` cwióK, Kiv,
Kti evqyPj vP`j i mþeavhv` cwióK, Kiv,

etiki Luv A_ev KvW`evtW`P evt. Kti meiR Pjv vb t`qv DvPZ (wPÎ 4.23) | cwi ent`Yi mgq
Uv`Ki I tU`þbi ewM`Z cwi`ObævZvm Pj vP`j i w`tkl e`e`v`v`Kv c`qurB |

mslM`ni ci imv`jv meiR
Aþc`qvKZ. w`b`æZvcgvÎv
msi`qY` q`gZv evov`tbv
m`æ |

ZvRv meiR msi`qY

mslM`ni ci imv`jv meiR Aþc`qvKZ. w`b`æZvcgvÎv msi`qY` q`gZv evov`tbv m`æ | wnguMv`ti
Gfvt`e msi`qY Kiv nq | Avevi Wic w`d`þRI wkg, MvRi, d`zKwC, evav KwC, guI, UtgtUv
BZ`w` msi`qY Kiv hvq |



mvi gg[©]

- meiR mslM`ni Dchý` ch`qurU nt`jv bv KwP bv cwi c`°Zv |
- meiR mvaviYZ wZb aiþbi cwi c`°Zvq h_v- Lv`v`vcthvMx, kvixiey`EK Ges
c`qurRvZKiY cwi c`°Zvq mslM` Kiv nt`q `v`K |
- mvaviYZ vUv I`i`®. AvenvI qiq meiR mslM` Kiv DvPZ |
- ti vMvuvšI, tcvKvq LvI qv Ges AvvKI`q`x AvKwZi meiR ev` w` tq ewK, t`jv AvKvi, eY`
Avt`c`v`K NbZj BZ`w`i` ewktó`i w`v`E`Z t`kivwef³ Kti evRvi RvZ Kiv DvPZ |
- D`P ZvcgvÎv I D`P Av`Zvq Avj yigwó Avj ytcqur BZ`w`i RLg mvi vtbv DvPZ |
- AþK`qY meiR UvUKv ivLv ev`þji cvvrtbvi Rb` tgvoKvqb GKvšI c`qurB |
- meiR wnguMv`ti ti þL msi`qY Kiv hvq |

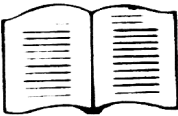
e'enwiK

cW 4.7 GK GKi RigI Rb" iZb eQi tgv`x meiR chq cwi μgv`Zwi KiY



GB cW tkI Avcib

- GK GKi RigtZ mivv eQi aṭi Pmn`v Ablyvq meiR Drcv`b KiṭZ cviṭeb|
- RigtZ meiR chq cwi μgvq Kx Kx meiR A`f³ Kiṭeb Zvi bvg ej ṭZ cviṭeb|
- tKvb&meiR tKvb&gvtm j vMtṭeb Ges KLB mslMh Kiṭeb Zv ej ṭZ cviṭeb|
- RigtZ meiR evMtṭbi bKkv cVqb KiṭZ cviṭeb|



cWmK Avtj vPbv

cW eQi GKB RigtZ GKB dmj bv Kṭi chqμtg weifbvtgsmtg weifbvtmdj DrcbKivṭK meiR chq etj | meiR chqci ṭviv RigI DePZv kv³i meṭaK e`envi iḃwōZ nq, dj b teṭk t`q, tivMej vB I tcvKvgvKṭoi Dc`ē Kgvṭbv hvq|

cwiKībv cVqṭb veteP` vElq

- K. RigI DePZv kv³i meṭaK e`envi vetePbv KiṭZ nṭe vevq tKvb&meiRi tKvb&Lvṭ`vcv`vb teṭk cVqvRb Zv RivṭZ nṭe; thgb cvZvRvZiq meiRṭZ bvBṭUṭRb; dj I dj RvZiq meiRṭZ dmdivm Ges gj- ev K` RvZiq meiRṭZ clvk teṭk j vṭM| KvṭRB gṃUi DePZv kv³ eRvq ivLvi DṭIṭk` kvK ev dj RvZiq meiRi ci vkgRvZiq meiR Ges Zvi ci gj- I KvU RvZiq meiR j vMtṭbv DĒg|
- L. Dcṭiv³ vbaṭg KṭqK tgsmg Pvlveṭ`i ci M³kvṭj GKevi meR mvi Drcv`b KiṭZ nṭe|
- M. meiR chq cwi μgv Kivi mgq MtṭQi vKṭoi cKvZi cW j ṭ` ivLṭZ nṭe, thgb- cāvḃ gj vevkó meiRi ci „Q gj- RvZiq meiR Pvl Kiṭj gṃUi weifbve`li nṭZ Lvṭ`vcv`vb vḃṭZ cviṭe|
- N. meiRi tivM I tcvKgvKo cWṭiva ṭlgZv, `vbxq Rjevqy gṃUi cKvṭf`, kvṭKī cW`Zv Ges evRvṭi meiRi Pmn`v I g j` vetePbv KiṭZ nṭe|
- O. meiR chq cwi Kībvq Avṭdmj thgb vṭj, AṣēZx³ AbjvngK I eū`li c×vZ, ṭjv GK thvṭM e`envi Kṭi GKB eQi GKB Rig nṭZ AṭbK aiṭbi meiR Drcv`b m³e| GB tcvṭṭZ Dbz RvZ, Pvlveṭ`i Dbz Kjv tKṢkj, mgvšZ tcvKvgvKo I tivMej vB `gb e`e`vcbv Ges mṭeṭcwi mṃMK ZĒveavṭbi gva`ṭg meiR Drcv`b evovṭbv m³e|
- P. vkg RvZiq meiR Rivṭq gṃUṭZ `Re c`v`ṭhvM Kṭi I DePZv evovṭbv m³e|
- Q. RigI Ae`vb I gṃUi cKvZ Ges Rjevqy mṭ` Lvc LvBṭq km` chq v`i KiṭZ nṭe|
- R. th mg`l meiR gṃUṭZ `Re c`v`ṭKṭhvM Kṭi, thgb- ṭj vM, gj- v, tcqvR, cvj skvK BZ`v i ci th mg`l meiR teṭk `Re c`v`ṭhvM Kṭi, thgb- vkg, gvṭi v, evavKvc tm, ṭjv Pvl KiṭZ nṭe|

cVqvRbvq DcKiY

- K. KıMR
- L. Kjg
- M. tciYj
- N. t`j
- O. i veri
- P. K`ij Ktj Ui

KıRi aıC

- K. KıMR tıUetj i Dcđi ivLıy| GK GKı Rıgı meıR chıđqi bKkv Kivi Rb` GKıU eo cıU Avkız|
- L. 100 ıg. x 40 ıg. AvKıti i GKıU eo cıUi mıgvıvı Avkız|
- M. eo cıUi eıv: ı` mıgvıvı nđZ ıfZđi i ı` tK 50 tı. ıg. Pı ov RvqıMı teov Ges bıj v t` qı Rb` ııvı ı` ivLıy|
- N. Gıci eo cıU tK 100 ıg. x 8 ıg. AvKıti 5ıU cıU fıM Kıab|
- O. cıZ cıUi gvSLıđb 20tı.ıg.Pı ov Ges 20tı.ıg. Mfıxı gvđci bıj v ivLıy|
- P. cıZ tıU cıU tK 1, 2, 3, 4 I 5 bıđg ıPıyZ Kıab|
- Q. 1bs cıU UđđıUı mıđ_ g j v kvK ııđj -dmj (Ađıveđ- tdeđııx), jıj kvK (tdeđııx-gıPđ), tXom (gıPđRıy) I cıU kvK (Rıy- tıđPđđ) Drcı`đbi Rb` ıPıyZ Kıab|
- R. 2 bs cıU cıj skıK (Ađıveđ- ga` bıđđđ), ıgııAvıj y(tkl bıđđđ - Gııđđ), %aÁv meR mıı ıımıđe (ga` Gııđđ -RııvB) I ıMgv Kj ıg (RııvB- tıđPđđ) Drcı`đbi Rb` ıPıyZ Kıab|
- S. 3bs cıU gııkvK (Ađıveđ-ga` bıđđđ), tıııR (K` nđZ) Ges tıMıj Avıyııđj (bıđđđ - tdeđııx) I Dđ`Q` Kıj v ev ıgııı Kgvıv ııđj ıımıđe Avıj ıfZı (tdeđııx-tıđPđđ) Drcı`đbi Rb` ıPıyZ Kıab|
- T. 4 bs cıU jıj kvK I te_b (Ađıveđ- tdeđııx), ııııı (gıPđđ) I eıeıU (Rıy-tıđPđđ) Drcı`đbi Rb` ıPıyZ Kıab|
- U. 4 bs cıU ımıy (Ađıveı-ga` Gııđđ) I KPZ(ga` Gııđđ -tıđPđđ) Drcı`đbi Rb` ıPıyZ Kıab
- V. GLb 2q eQđi meıR ııeb`ıı 1g eQđi cıU _đjđđ chıđđđđđ ııv cııeZđ Kđi Rbıđđv t` LıđZ nđe, thgb- 1g eQđi 2q cıU i meıR ııeb`ıı 2q eQđi 1bs cıU U, Z`c 3q cıU 2q cıU , 4_cıU 3q cıU , 5g cıU 4_cıU Ges međkđı 1g eQđi 1bs cıU 2q eQđi 5g cıU t` Lıv|
- W. 3q eQi ıVı G eıYđ 1g I 2q eQđi Abıjđc 2q I 3q eQđi chıđđđđ meıR ııeb`ıı _đj v mıRıđZ nđe, thgb- 2q eQđi 2q cıU 3q eQđi 1g cıU , Z`đ 3q cıU 2q cıU 4_cıU 3q cıU , 5g cıU 4_cıU Ges međkđı 2q eQđi 1g cıU 3q eQđi 5g cıU t` Lıv|
- X. Gfıđe 3 eQđi meıR chıđ Ges bKkv Kıab (mıııY 4.8.1)| D³ bKkıU e`enııı K LıZıq Askb Kıab|

mviw 4.8.1 3 eQi tgqv`xmeiR chiq

mgq												
cU	cŭg eQi				wZxq eQi				ZZxq eQi			
bs	A±wei ntZ wWtm±t	Ribgvi x ntZ gvP©	Gicfj ntZ Rly	RjvB ntZ tm±P±t	A±wei ntZ wWtm±t	Ribgvi x ntZ gvP©	Gicfj ntZ Rly	RjvB ntZ tm±P±t	A±wei ntZ wWtm±t	Ribgvi x ntZ gvP©	Gicfj ntZ Rly	RjvB ntZ tm±P±t
1	gjv - jvj kvK - tXam - cBkvK - UtgtUv				cij s kvK - wguó Avj y-`aÁv (meR mvi) - wMgv Kj ig				gjv kvK - tcqur (K>`ntZ) - Avj y(wi tj) - Kijv ev wguó Kgor (wi tj)			
2	cij s kvK - wguó Avj y-`aÁv (meR mvi) - wMgv Kj ig				% kvK - tcqur (K>`ntZ) - Avj y(wi tj) - Kijv ev wguó Kgor (wi tj)				jvj kvK - te, b - wWUv - ei euU			
3	gjv kvK - tcqur (K>`ntZ) - Avj y(wi tj) - Kijv ev wguó Kgor (wi tj)				jvj kvK - te, b - wWUv - ei euU				imly - KP.			
4	jvj kvK - te, b - wWUv - ei euU				imly - KP.				gjv - jvj kvK - tXam - cBkvK - UtgtUv			
5	imb - KPz				gjv - jvj kvK - tXam - cBkvK - UtgtUv				cij s kvK - wguó Avj y-`aÁv (meR mvi) - wMgv Kj ig			

GB meiR web`vm, tjv wbt`Rbv`tf/ Ae`v tft` Gi cwieZB Kti Dc`thvMx meiR wbePb
Kiv hite/ Rahim (1995) Gi AvsukK ifcvšhi Z/

ciW 4.5

- | | | |
|-----------------|------------------------|--------------------------|
| 1. K (ug) | 1. L (ug) | 1. M (m) |
| 2. K (50) | 2. L (ukg) | 2. M (Lv`") |
| 3. K (3) | 3. L (2) | 3. M (2) |
| 4. K (biBtU#Rb) | 4. L (mv_x dm#j i Pvl) | 4. M (100 tmwg. Gi Dcti) |

ciW 4.6

- | | | |
|---------------------|-------------------|-------------------|
| 1. K (ug) | 1. L (ug) | 1. M (m) |
| 2. K (dj b) | 2. L (`g#j) | 2. M (tM#s) |
| 3. K (3) | 3. L (1) | 3. M (1) |
| 4. K (niZ w`tq Z#j) | 4. L (ciZv RvZxq) | 4. M (20°-40°tm.) |