

মংবাদপত্র

প্রমিত
বাংলার
প্রয়োগ

বর্তমান অবস্থা জরিপ



বাংলাদেশ প্রেস ইনস্টিটিউট

msev` cġġ cġgZ evsj vi cġqum
eZġib Ae`r Rii c

tmŠi f umK` vi



evsj vġ` k ġcġġ Bbiv:- iUDU
MġelYv I Z_` msi ŸY iefiM
3 mmiKġ nviDm ġi vW, XvKivġ1000

cġkġK
gnvciġ Pġj K
evsj vġ` k ġcġġ Bbiv:- iUDU

cġg cġkġk
gvP2017

cġġ`
ġgvġgb Dġ`xb Lġġj`

KivġiDUvi ieb`im
`Oq` ġgvġvġ\$ Aveyġmġġġj

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ġgvġmġAvi ġR iġcġġUs GŪ c`vġKivRs
87 bqv cġġb, XvKiv-1000

gvġ`
\$ 100.00

The Application of Standard Bangla in Newspaper : Survey on Contemporary Situation
Published by Press Institute of Bangladesh, 3 Circuit House Road, Dhaka-1000.

Price :100.00 Taka. \$ 02 Only

ISBN : 978-984-732-024-3

Phone : 9333403, 9330081-84, Fax : 880-02-8317458

E-mail : dgpiib@yahoo.com, Website : <http://www.pib.gov.bd>

msev` cŕĪ cŕġZ eisj vi cŕŕqM
eZŕŕb Ae`r Rŕic

Mŕel Yv Dcŕ` ŕv cŕi I`

W. mŕLvl qvZ Avj x Lvb

Abvi ŕi Aa`icK, MYŕŕhŕMŕŕhŕM I miŕewi` KZv ŕefŕM

XŕKv ŕekŕe``ij q

W. ŕMj vg i ngŕb

Aa`icK, MYŕŕhŕMŕŕhŕM I miŕewi` KZv ŕefŕM

XŕKv ŕekŕe``ij q

W. ŕkL Ave`r mj vg

Aa`icK, MYŕŕhŕMŕŕhŕM I miŕewi` KZv ŕefŕM

XŕKv ŕekŕe``ij q

AvLZvi mjZŕbv

Aa`icK, MYŕŕhŕMŕŕhŕM I miŕewi` KZv ŕefŕM

XŕKv ŕekŕe``ij q

gŕd`j nK

Uŕŕ÷, gŕŕhŕ Rv`ŕi

ŕgv. kŕn Avj gMŕi

gnŕcŕi Pj K, eisj ŕ`k ŕcŕn Bŕŕ÷=ŕUDU

Mŕel Yv ZËjeab

dŕqRj nK

cŕi Pj K, Mŕel Yv I Z`" mŕi`ÿY ŕefŕM

Mŕel Yv mgŕŕ

W. Kŕi j nK

ŕi mŕP`Aŕdŕŕi (Pj ŕZ`ŕŕqZi)

gjeÜ

t`tk wefbaeaiþbi MYgva`g `kZ weKukZ n`rQ| tjuKR gva`g t`tk gY`Y gva`g, gY`Y gva`g t`tk Btj KUubK gva`g, Btj KUubK gva`g t`tk WwRUuj bivr gva`gi kvlv-clvLvq we`Z.n`rQ MYgva`g| weKukgvb MYgva`gi m`æbev AþbK, mgm`vl AvtQ, AvtQ `kR, tkZv I e`envi Kvix`i bivr Pmn`v I cZ`vkv| Gme weiq ubtq cPj MtelYvi mthvM itqtQ, cQvRbl itqtQ|

cZövi ci t`tkKB evsjv`k tch Bbw=-UDtUi j`y` I Df`k` Ablyvq MtelYv I Z` msi`Y mefVM MYthvMthvMi wefbaeaiþ Ges mgv`Ri I ci Gi c`ve I KvRvvi Zv ubtq MtelYvKg`cwi Pj br Kti AvtQ| MYgva`gi ep`Ei Dbqþbi j`y` mcAvBue Zvi MtelYv KgRvDþK Avtiv e`vcK cwi mti ubtq thZ AvMhx| GRb` ubR`^MtelKt`i cvkvcuk mcAvBue miv t`tki MtelKt`i MYgva`g MtelYv m`u`³ Kivi Df`vM ubtq| GB Df`vMi Ask m`mte` ÜAvZ_ MtelK I cZöviþbi MtelYv KgRvDþK nuz tbq Ges GB KgRvPi Rb` GKU Dc`ór cwi I` MVb Kti |

2014 m`tji Gucj gvtm mivZu msev`cT weAvcb w`tq mcAvBue cÜgerþi gZv AvMhx e`v`³ I cZöviþbi KvQ t`tk MtelYv cÜte AvYvb Kti | 117 Rb e`v`³ MtelYv cÜte Rgv t`b| Dc`ór cwi I` `B avt evQvB Kti 11u MtelYv cÜteþK MhY Kivi Rb` m`zvi k Kti | cÜg chq 11u MtelYv cÜteþi ga` t`tk 5u MtelYv cÜteþi wfvEþZ MtelYvKg`m`ubæKivi Rb` m`skw MtelKt`i m`½ mgþSvZv `þiK `ryi Kiv nq| Duj mZ 5u MtelYvKtg` Ab`Zg Ümsev`cT cÜgZ evsjvi cÜqM : eZgub Ae`v Rwi cÜ kxl R GB MtelYvKg`

GB MtelYvKtg` MtelK Aa`vcK W. umK`vi gþvqvi g`k` (tmsi f umK`vi) tk GB MtelYvKg` m`ubæKivi Rb` ab`ev` Rvbw`Q| Aa`vcK wekþRr tNvli KvQ KZÁZv cKvk KimQ GB MtelYvKg` wifD Kti t`qvi Rb`| GB m`½ KZÁZv cKvk KimQ Dc`ór cwi I` i m`m`i cÜZ| ab`ev` Rvbw`Q MtelYv I Z` msi`y` mefVM mteK cwi Pj K KvRv tgkZvK Rvi, eZgub cwi Pj K dvqRj nK Ges GB MtelYv KgRvPi mgþþK wivP`Avdmvi (Pj mZ `wqZ) W. Kvgi` nKtK|

GB MtelYvKg` MYgva`g MtelK, MYgva`gKg` I m`skw mevi KvR j`vMj Avgv`i kÜ m`R nte etj gþb Kvi |

tg. kv Avj gMxi
gnvcwi Pj K

gj`vqbKvixi AvfgZ

MtelK AZ`síRiavi GKU weiq MtelYv KtiþQb| msev`cT cÜgZ evsjvfvlv e`envi eZgub bivrvgw`K Am`wZwek;Lj v t`Lv hvq| tm wePbvq MtelKti weiq-ubeþb cksmvi `me ivtL|

MtelK `kZ. iwZ-c`wZ Abyvþi MtelYvKg` cwi Pj br KtiþQb| MtelKti wivcU`Dc`vcbI m`šI RbK gvþbi | MtelKti MtelYv-cwi Kí br I Aa`vq-wefivRþbi gvþ m`šI RbK |

MtelK GKU Riavi RvZvq `wqZ;cvj b KtiþQb etj Avng gþb Kvi | Ggb GKU Riavi cÜþK MtelYv weiq ubeþb Kivi Rb` MtelKtK cþivq ab`ev` Avcb Kvi |

evsjv`k tch Bbw=-UDU GB aiþbi Df`vM MhY Kti MYgva`g weiqK MtelYvKg`K DrmwnZ KtiþQ| tmRb` evsjv`k tch Bbw=-UDUþK Avfb`b Rvbw`Q|

Avng Ümsev`cT cÜgZ evsjvi cÜqM : eZgub Ae`v Rwi cÜ kxl R GB MtelYvKg` MhY Kivi Rb` m`zvi k KivQ|

wekþRr tNvl
Aa`vcK, evsjv mefVM
XvKv wekþe`ij q

cōh½ K_v

fvlv mbqZ cwi eZØkxj | ersjv fvlvl Gi e"iZµg bq| cōZmbqZ Gi kāfvḏvi thgb mg× n"Q, tZgub ktāi A_°erbvb I e"envi weiaZ AvmQ bvbv cwi eZØ| ersjv t"kb GKgvĪ t" k th fvlvi Rb" AvZ"VM Kti c_Lexi BwZvntm "vb Kti mbtqtQ| fvlvi AwaKvi cōZōv Kivi ga" w" tqb Rb" n"tqtQ "vaxb ersjv t"tki| A_P G t"tkB fvlv e"envti cwi jwYz nq e"vcK AivRKZv I vek;Ljv| fvlv e"envti Avgv t"i mPZbZvi AfveB Gi cāvb Kvi Y|

MYgva'g Z_v msev`cĪi mvt MYgvbtj i thvMmĪi GKgvĪ gva'g fvlv| A_° fvlvi tmZzvi n"q Avgiv Z_" ev msev`i KvtQ tcvvB| tmB fvlv hw`_vtK f"j fiv Avi `° nq Zvi Mvub Zvntj Gi cĪve cto RvZxq Rvxtbi AĪbK t"jĪB| m"vūiZK mgĪq Avgv t"i msev`cĪ ersjv ktāi Akx cōqvm, AcōqvRtb vekt" k kã-igvKZ evK"MVb, AwaK n"ti ktāi AvĀij K ifci e"envi, mij evK"i tPtq "vN°I RuUj evK"i e"envi, µµqvc`-veemRZ evK"MVb, f"j erbvb cĪvZ tek evx tctqtQ| Avi ZvB msev`cĪ ersjv fvlvi A-cōgZ ifci e"envi veltq avYv tctZ Ges cōqvMi "tjc vekt"Y veltq MtelYv Kivi cōqvRb Abvfe Kvi | Avgiv gtb Kvi, gvZfvivi cōZ "vqexZv veltq mPZbZv "vii Kitz msev`cĪ cōgZ ersjv fvlvi e"envi veltq MtelYvi tKvbtv vekĪ tbB|

gvZfvivi cōZ "vqexZv Ges fvlv kvifc e"envi KĪi mPZbZv m"oi j t"j" ōmsev`cĪ cōgZ ersjv cōqvm: eZgub Ae"v Rvi cō kxl R MtelYvKgØ , i azcYgĪb Kvi Ges G veltq ersjv t" k tcv Bbv: iUDtU MtelYv cĪve Rgv w" t"j Zv vbePZ nq| hw` I ōmsev`cĪ cōgZ ersjv cōqvm: eZgub Ae"v Rvi cō kxl R MtelYvKg°GKvU "jfn veltq| MtelYvKgØi gva'tg msev`cĪ cōgZ ersjv cōqvm I erbvb vbtq fvevi, erbvb veltq th bmvZgvjv i tqtQ Zv AbviiY Ges cvKgnĪj Zvi cĪve KZUKzZv vbaĪ t"Yi tPōv Kiv n"tqtQ| MtelYvKgØi gva'tg t" Lvbtvi tPōv Kiv n"tqtQ th, msev`cĪ cōgZ ersjv e"envti Kx aiĪbi f"j tPtL cto Ges Zv cvKt"i gvS KZUv cĪve m"o Kti | ZvQvov GB MtelYvUj gva'tg vKQzcĪ vebv Dc "vcv Kiv n"tqtQ hv ersjv msev`cĪ cōgZ ersjv e"envti i t"jĪĪ vevv mgm"v mgvavtb mrvqK nte etj Avgiv gtb Kvi |

cwi tktl vektl ab"ev` I KZĀZv RvbvB vAvvBvĪi gnvvii Pvj K kvn Avj gMĪi cōZ| KviY vAvvBvĪi A_°qb I Z"vi vK Qvov G MtelYvKg° m"vū"b Kiv m"ē n"Zv bv| ab"ev` Rvbv"Q vAvvBvĪi m"teK cwi Pvj K

(MtelYv I Z_" msi yY) KvRx tgvkZvK Rvni, eZgub cwi Pvj K dvqRjv nK Ges AvZv MtelYv cKĪi mgšqK I v"mivP°Avvdmvii W. KvigiĪ nKĪK| Zvii vevfbvngĪq gj"evb civgk" t"q MtelYvKgØtK mg× Kitz mrvv" KĪi tQb| GQvov ab"ev` RvbvB ersjv GKvĪWng, AvsRvZK gvZfviv Bbv: iUDU, vekt"e "ij qmgĪni fvlv vevv I ersjv vevv, erbvb I Avvavb vektlĀ, evQvBKZ.ve "ij tqi vkyK-vkyv_L° Ges AvvfvveKe, vevfbv, i azcY° vbtKi cāvb m"vū" K I m"sev" Kmn msvkō vevvBtK| vektl fite KZĀZv RvbvZ Pvb Aa"vcK vektRr tNvĪtK, vZvub AZ"š hZvbtq cvvĪj v cto gj"evb civgk" w" tqtQb| tm mĪ½ ab"ev` RvbvZ Pvb G MtelYvKtg° cāvb m"thvMx Avgvi Ab"Zg vcvQvĪ i vRve Kgvii mrvv"K| gj-Z Zvi cwi kōgB G KvRvU mgvB Kiv m"ē n"tqtQ|

G MtelYvi gva'tg hw` msev`cĪ ersjv fvlvi cōgZ ifci cōqvm v"vōZ Kiv m"ē nq, Zv n"j B G cwi kō m" R nte|

tmsĪ f vK"vi
Aa"vcK, fvlv vevv vevv
XvKv vekt"e "ij q

cūg Aa'iq

figKv

1.1 figKv

filv gvbʃi fie cKvʃki cāvb evnb | filvi gva'tg Avgiv thvMvthvM mēubē Kwī | BstīwRʒ ŪRvʃwʃ RŪ etj GKūū kā AvʃQ | Gi A_ʃntjv ūmsev`cʃīi filvŵ | msev`cʃīi Dʃīk" nʃjv mʃaviY cvʃʃki KvʃQ Lei I Z_ " tčʃQ t' lqv | msev`cʃīk ejv nq GKūū `ʒz cPbkj `ēweʃkl | Kvi Y GKūū AZ`šl mʃZR msev`cʃī cvʃvʃl weeYʃl gj`nxb nʃq hvq | GKūū msev`cʃīi cūZūū evK" ūó, mij, AvKlʃxq I ū`qmŵn nʃZ nʃe tKbbv msev`cʃīi filv cvʃʃki filvʃk cʃweZ Kʃi | ZūB msev`cʃīi filv mēúʃKʃmʃeʃP mZKʃ n lqv cʃqvRb | msev`cʃī tKvʃbv MʃelYvʃʃīi fie-Mʃʃi filv ev bʃwʃbK AjʃKvī mʃkʃZ filvNʃtKvʃbvŪB enb Kʃi bv | msev`cʃīi filv n lqv PūB cūʃj, MūZkʃj Ges cvʃʃki mnR-tevaMg' | mʃgvb" cʃʃZ Rvʃbb Ggb AvgRbZv t_ʃK cūʃAcūʃZ chʃšl mevB cʃob msev`cʃī | mʃZīv Gi filv thgb GʃKevʃi thʃʃZb bq, Avevi D'PgūMʃZ v_ `ʃeʃl' I bv nq tm-wʃʃk tLqvj i vLʃZ nʃe | msev`cʃī filvi e`enʃi n lqv PūB meRbʃeva |

evsjv filvq kā I filv e`enʃi i bʃv ūbqg I tKʃkj iʃʃʃQ | evbʃv, hūZūPʃi e`enʃi, kā mʃʃʃc, mʃL'v, D×wZ, mūū, mgūmēx kʃāi e`enʃi cʃwʃZ tʃʃʃī iʃʃʃQ wʃkl wʃkl ūbqg | Avi GB ūbqgmʃʃi mgʃʃʃqB `Zūi nq cūgZ evsjv filvi e`enʃi wēwē | AʃbK mgq Gme ūbqg mūVKʃvʃe cūj Z nq bv etj filvq wēk;Ljv `Zūi nq | Avevi KLʃbv KLʃbv wēwʃbēAwʃʃʃʃ GB kʃāi wʃbēwʃbē evbʃv t'Lv hvq | GKūū msev`cʃī `Zūi mgq eū e`wʃi mʃwʃj Z cʃvʃm hʃ_ó mZKʃv Aej ʃb Kivi cil cūg cūZūū msev`cʃīi cūg cūZūū mʃL'vqB wKQzʃv wKQzʃvīMʃZ fʃj t_ʃKB hvq | fʃj cāvbZ evK" MVʃbi Ges tMʃYZ kā e`enʃi | tmB mʃʃ iʃʃʃQ cʃwʃj Z fʃz cʃqūM |

cū_exi Ggb tKvʃbv mgvR tʃb thLʃʃb filv-mgm'v tʃB, Avevi Ggb tKvʃbv filv l tʃB thLʃʃb mgm'v tʃB | filv-mgm'v vKʃj tmLʃʃb cūi eZʃbi cʃkēAvʃm | mʃwʃšZ I cūi Kūi Z c_ LʃR tei Kʃi tmLʃʃb filvi mʃZi mgm'v mgvavb KiʃZ nq | GB filv-mgm'v mgvavʃbi tʃʃʃī cūgZ evbʃv i mʃZ i aʃzʃYʃ GKūū wēlq | thʃnZz` ūbK msev`cʃī GKūū eo gva'g ZūB Avgiv gʃb Kwī GB gva'tg e`eūZ cūgZ filv wēʃkl Kʃi kā cʃqūM I evbʃv i mʃZ RvZxq chʃʃq filv-mgm'v mgvavʃbi tʃʃʃī i aʃzʃYʃ figKv cūj b KiʃZ cvʃi |

evʃv cʃv ev Zūi tʃʃʃʃ tēw GKūū cūgʃkʃwī RvZxq `wʃʃk j ʃʃ j ʃʃ kā vKʃj I kāmʃvʃʃ fʃj i mʃL'v bMY' | Zey filv mʃPZb e`wʃgʃvB fʃj tʃj ūbʃq Avʃj vPbv Kʃi | gʃwʃZ th tKvʃbv tʃLʃv mʃaviY gvbʃi KvʃQ i aʃzʃYʃ

wēʃkl Kʃi, msev`cʃī eūj cʃwʃiZ Ggb GK MYgva'g, hv AvāwʃK cʃwʃi Kʃi wʃY wʃb wʃb ZYgʃ- gvbʃi i KvʃQ tčʃQ hvʃQ | Avi ūóZB msev`cʃīi filv nʃjv gʃwʃZ filv Avi gʃwʃZ filv gʃvB gvbʃi i gʃa" GKaiʃbi Qvc tʃʃL hvq | gʃwʃZ filv fʃj nʃj I ZvʃK AʃbʃKB i aʃgʃwʃZ nevi KviʃYB i x etj aʃi tʃq | msev`cʃī fʃz evbʃv Qvcv nʃj, fʃz evK" Qvcv nʃj Zv AwZ `ʒz gvbʃi i `wʃZ tMʃ hvq | tmB fʃz mʃwʃgZ nq GKRB t_ʃK Ab" Rʃb | Gūv RūZi filv I mʃwʃZi Rb" ʃwʃZKi wēlq | tKbbv Avgiv fʃj filvi e`enʃi I evbʃv Af`l nʃwʃ | tmB mʃwʃ cūgZ evsjv filvi e`enʃi e`Zvi cūi Pq wʃʃ Pʃj wʃ | AʃbK tʃj avc tčʃwʃʃ GKūū wʃʃʃ gvb mēubē msev`cʃī cʃkʃ wʃwʃZ KiʃZ nq | Avgvʃ i wʃwʃ wʃwʃwʃ Ggb tKvʃbv e`ēvcbv MʃwʃZ nqūb, hv eZʃv āwʃšl Kāvkv t_ʃK gʃY gva'gʃK i x `ʃQ Avʃj wʃKZ cʃšʃi ūbʃq AvʃZ cvʃi | msev`cʃī hviv KʃʃZ Ges gʃv filvi wēʃʃ wKQzʃv mʃPZb, Ggb mʃsev wKvʃB Rvʃbb cūZūū b KZ fʃz Qwʃʃ hvʃQ Avgvʃ i AʃZvi KviʃY | wKʃ GB fʃz mʃʃkʃvʃbi Rb" cʃqvRb mZKʃv Ges evK' i Pbv I evbʃv wēʃʃ mʃ' n mʃwʃ n lqv hvʃZ mʃ' n `i KiʃZ Awʃʃʃbi Avʃʃ tʃl qv hvq | mʃ' n mʃwʃ bv nʃj fʃz mʃʃkʃvʃbi tKvʃbv mʃwʃev tʃB | ZvʃZ msev`cʃī eūgūwʃK fʃj i Avʃwʃ wʃb wʃb tēwB hvʃe |

msev`cʃī cūgZ evsjv filvi e`enʃi gʃz tek Kʃʃk aʃʃbi fʃj j ʃʃ Kiv hvq | thgb :

- K. fʃj evK" I evbʃv |
- L. GKB aʃʃbi evbʃv wʃbʃv/GK kʃāi bʃv evbʃv |
- M. kʃāi Ai x cʃwʃj Z iʃʃci cʃqūM ev AccʃqūM |
- N. wēʃk evbʃv Avgvʃ i cʃwʃj Z cūgZ evsjv evbʃv ūbqg i wʃʃZ bv n lqv |
- O. bZb cūi filv `Zūi Ges e`enʃi mgʃʃcZv cūi j wʃj Z bv n lqv |
- P. bZb bZb cʃwʃ thvM nʃq fʃz kāmVb |

filv GKūū Pj gvb cʃwʃqv | evsjv filv l Gi e`wʃwʃ bq | cūZūūqZ Gi kā fʃvʃi thgb mgʃ nʃQ, tʃZwʃ kʃāi evbʃv I cūgZ iʃʃci e`enʃi wēwʃZi Avʃʃ bʃv cūi eZʃ | filv-mʃwʃ wēwʃbē cūZūū evsjv filvi cūgZ iʃʃci e`enʃi wʃwʃZ KiʃZ tʃv Kʃi hvʃQ | 1936 mʃʃ Kʃ KvZv wēkʃe `ij q i i a Kʃi wʃ cʃi evsjv GKvʃwʃg cūgZ evsjv filv e`enʃi i jʃy" cūgZ evsjv evbʃv wēwʃ `Zūi KʃiʃQ | filwē`ivl filvi e`enʃi K i x, mnR I mʃevʃj Kivi Rb" tʃv Kʃi hvʃQb | filvi GB cūi eZʃbi cvkicwʃ Avʃʃ Awʃʃʃ cūi eZʃ | tmB mʃwʃ t'Lv wʃʃʃ bZb bZb Awʃʃʃbi cʃqvRbʃZv | Avi filvi GB hvZxq cūi eZʃ cūZūūj Z nq msev`cʃī evsjv filvi e`enʃi | mʃmʃʃʃ meʃʃi cūgZ evsjv filvi cʃqūM wʃwʃZ KiʃZ `wʃK msev`cʃī GKūū eʃv figKv iʃʃʃQ |

1.5.2 msev`cĭi msuĭB HuznumK cUfiġ

BZvuj i ivRavb tiġg cġg msev`cĭi cġj b nq| uLbce[©]449 mtġ hLb tiġgi gvbġi ti imġbu KZR Awclumqj tiKWĒI msiwġZ nġZv ZLb t_ġK mieww`KZvi mġcivZ NġU| AvR t_ġK cġq AvovB nivrvi eQi AvġM tiġg cġg ōmsev` wPwŌ tj Lv i iæ nq| miKwi cġqvRġb tiġg t_ġK weifbækvmbKZP`I cġkvkġi msev` wPw tj Lv nġZv| uLbce[©]60-27 Aġā hLb Ruj qvm wRvi cġwZ Act Diura (cġZ`mK AvBb) mn weifbæAvBb Pjy nq ZLb t_ġK tiġg mġPZ nq mieww`KZvi Avfhwġv|

weġk| cġg gġyZ msev`cĭi cġkvkZ nq Pxb t_ġk| tUs (Tang) estġi mgġUġi Avgġj A_ġ 618-907 uLbā chŚI miKwi chġq 'Ti-Chou' bġgi GB cġwKv cġkvkZ nq| kvs estġi ivRvġi mgqKij 960-1279 uLbā chŚI cġkvkZ`ġj cġwKvi bvg ōU-cvġ ō Ges ōU-wPbŌ| ivR`ievġi Leiw` wġt`R-tNvIYv, gZġġvġk Ges ivRivbġi weġk| NUbv meB wġj tm mgqKvi msev`cĭi weġqe`|

fviZeġI[©]mieww`KZvi wfiĒcŌli`wġcZ nġqġj gġj Avgġj| tlvok kZġKi ga`ezPmgġq ZrKvjxb fviZeġI[©] mieww`KZv ejġZ nġZ msev`cĭi cġkvġki Rb` DBij qvg tevġm bġg GKRb Ij`vR f`ġjvK KjKvZiq ŌvcvLubv cġZŌvi Dġ`wM wġtqġj b| cieZġZ 1780 mtġi 29tk Rvbgwġi, kuberi KjKvZv t_ġK cġkvkZ nġjv fviZeġI[©] cġg msev`cĭi ōteġj tMġRUŌ ev K`ijKvUv tRbġij A`wvFvUġRvi| wKŚ BwZvġm Zv cġZŌvi bvgvġvġi ōwġki tMġRUŌ bġgB mgwġK cwi wPZ| cġwKvi fivlv wġj Bġi wR| hġ` gġjġi fviZeġI[©] mieww`KZvi wfiĒcŌli`wġcKvix ejv nq, Zte Bġi R mġġne tRgm Amv`vm wġwKġK ejġZ nq AvġġK fviġZi msev`cĭi RbK|

kġivġġi wġkbwġi Dġ`vġM 1818 mtġi Gwġġ cġkvkZ nq ōw`M`kŌŌ GwġB cġg evsjv cġwKv| ōw`M`kġbiŌ cġi 1818 mtġi 20tk tg kġivġġi wġkbwġi Dġ`vġMB cġkvkZ nq Rb KwK[©]gvġġv mġw`Z ōmgvPvi`cġŌ|

1856 mtġi 26tk Gwġġ XvKvi cġg Bġi wR mivwġK cġwKv ōXvKv wBDRŌ (Dacca News) cġkvkZ nġqġj| 1860 mtġi XvKvq cġg GKwU evsjv gġy hŚ; cġZwŌZ nq| 1860 mij t_ġK 1900 mij chŚI GB GKwġj k eQġi XvKv t_ġK cġq 60wU cġwKv cġkvkZ nq| Awef³ eġġi msev`cĭi wġj gġ-Z KjKvZvġK`K| 1963 mtġi KjKvZv t_ġK gvġjvbr tġvġvŚ AvKig Lutei Kġi wġj b`wġK AvRv`|

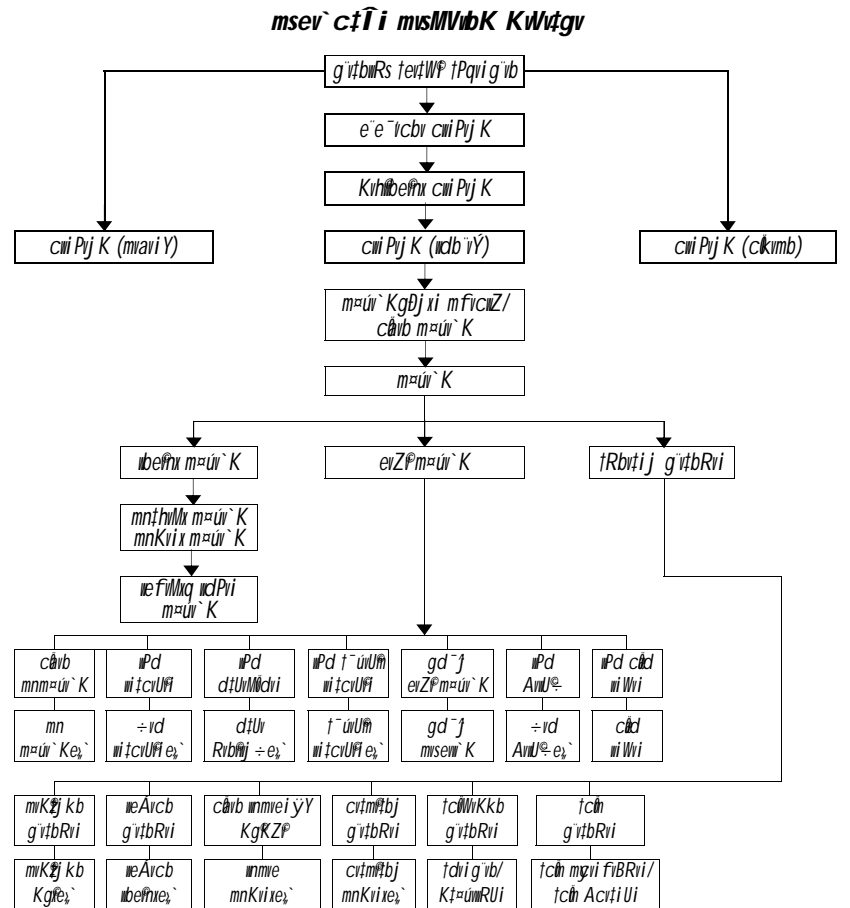
1.5.3 msev`cĭi msMvġK Kwġġv

th tKvġv cġZŌvb cwiPjvri Rb` GKwU msMvġK Kwġġv Acwġvġġ msev`cĭi GK weġj I Ruġj msMvġ| msev`cĭi GKwU e`e`vġv Kwġġv ev msMvġK Kwġġv gva`ġB cwiPjv Z nq|`vġ-Kij`-cvġ tġġ` Zvi msMvġK

Kvġġv weġġ iġc tbq| tKvġv GKwU t_ġki msev`cĭi msMvġbi mġ`Ab` t_ġki msev`cĭi msMvġbi`YMZ Zdv A`ġfweK e`vġvi bq| msev`cĭi msMvġ mġwġK[©]Pjvġv GK MġeIYq t`Lv hvq th, msev`cĭi msMvġbi msMvġK Kwġġv e`vġvġi tKv meRb`wKZ.gvġKw tbB| KwMR t_ġK KwMġR msMvġK tmU Avġci cv`ġ` iġqġŌ|

msev`cĭi msMvġbi mġeRbxb gvb`ġ bv`vKġj I cġwKv`ġjv th msMvġK Kwġġv AvġiY Kġi Zvi ġġā`hġ`Ō mġ`k` iġqġŌ| GLvġb DġjL Kiv cġqvRb th msMvġK Kwġġv mġġ fivlv cġqvġmi mivmwi thM bv`vKġj I msMvġK KwġġvZ GKRb fivlv-mġw`K`vKġj GwU AvI Kvhġi nq ev nġZ cvġi|

wġġvġj vġ`ġki msev`cĭi msMvġK Kwġġv maviY wġġ Dc`vġb Kivnġjv:



1.6 MtelYvi mdj Zv I mgve×Zv

1.6.1 mdj Zv

AvtjvP^o melqiu evsjv^o k Ges evsjv^o t^oki mk^oq^olv^o i Rb^o LqB^o , iaZCY^o
KviY eZqvb t^oq^ovc^otU cwi^oKv t^o t^oK i× fvlv I evbvb tkLvi melqiu AZUv
Rbuc^oq^oZv cvqub| GKUZm^ot^oPZbZv^o vKtj^o ^ombK msev^oc^oT^o , t^ojv evbvb tkLvq
mk^oq^olv^o i D0y^o KitZ cvti| hv^o l t^o Lv hvq mgv^oW^oM^oK fvlv m^ot^oPZbZvq
msev^oc^oT^o , t^ojv gvb^o i Pmn^o v^ot^oK ci-Y KitZ cvtiub| GB MtelYvq c^ogZ evsjv
fvlv c^oq^ovtMi t^oq^ot^o msev^oc^oT^o i Ae^o vb ev mgve×Zv KZUKzZv t^o Lv^otv
ntq^ot^o| Avi Z^o msM^opxZ ntq^ot^oQ mivmwi cwi^oKv t^o t^oK, m^oz^oiv^os fy nl qui
m^ovebv LqB Kg|

1.6.2 mgve×Zv

MtelYvq ubtq^o mgve×Zv cwi^o j^o q^oZ nq| h^o v :

- 1| evsjv^o t^o k G melqiu ubtq D^ot^o j^o L^othvM^o K^ovR bv^o v^o K^o me^ot^oq^o etov
mgve×Zv|
- 2| MtelK msev^oc^oT^o fvlvi e^oenvi I evb^ovb^o A^ot^ob^o D^ocvE^o t^o t^oK m^oKOz
bg^olv^o ubtq K^ovR K^ot^oi^oQ^ob| Avi l AmsL^o D^ocvE^o ubtq K^ovR Kivi
m^othvM^o i^ot^oq^ot^o|
- 3| we^o v^o j^o t^oq Z^o msM^oh^o KitZ m^ot^oq GKRb mk^oq^olv^o i t^o Lv Ab^o GKRb
mk^oq^olv^o i mgvb^o t^o t^o L t^o Lv i t^o P^oov K^ot^oi^oQ^o|
- 4| ^ombK msev^oc^oT^o , t^ojv i Awdm t^o t^oK i^o agv^o i mZb^oU cwi^oKvi evb^ovb^o m^oZ
msM^oh^o Kiv ntq^ot^oQ| Ab^o i^o v GB ms^oW^o t^o K^ov^otv m^onvqZv KitZ cvtiub|
- 5| A^o Ges mgq^o f^o Zv GB MtelYvi c^oavb mgve×Zv|

ubZxq Aa^o i^oq

munZ^o ch^oq^o j^o vPbv

2.1 figKv

c^oZ^o K^oW MtelYvq GK^oW AZ^ovek^o K^oxq K^ovR nt^o jv munZ^o ch^oq^o j^o vPbv| munZ^o
ch^oq^o j^o vPbv t^o t^o K m^oW^o i^o mel^o t^oq c^ote^o t^o K^ov^otv K^ovR nt^o q^ot^oQ m^oKbv tm-m^ou^ot^o K^oavi Yv
c^ovl qv hvq| G K^ovi t^oYB MtelK GB ms^oW^o munZ^o ch^oq^o j^o vPbv K^ot^oi^oQ^ob|

2.2 munZ^o ch^oq^o j^o vPbv

^ombK evsjv msev^oc^oT^o c^ogZ evsjvi c^oq^oW^o ubtq GLb ch^o S^ol D^ot^o j^o L^othvM^o
MtelYv Kiv nqub ev t^o P^ovtL c^oto^ovb| MtelK GB MtelYvK^otg^o X^ov^o K^ove^o t^o j^o t^o q^o
evsjv we^o f^oW^o, X^ov^o K^ove^o t^o j^o q M^oS^oW^ovi, X^ov^o K^ove^o t^o j^o t^o q^o cwi^oKv we^o f^oW^o I
evsjv GK^ov^oW^og M^oS^oW^ovt^oi m^onvqZv ubtq^ot^oQ^ob| G^o t^o q^o t^o B^oU^ovt^o t^oU^o t^o K^ov^otv
MtelYv j^o q^o Kiv hvqub| tm-K^ovi t^oY MtelYm^oU^o t^o K^o bZ^o ev hvq|

G^o t^o q^o t^o 6B bt^o f^o t^o, 1998 mt^o j RbKÉ cwi^oKvq m^olv^ol q^ovr Avb^omv^oix
Omsev^oc^oT^o k^ot^oai Ace^oenvi I evb^ovb^o MZ T^oaw^oU^o c^oet^oU^o et^o j^o b, OGKB k^ot^oai
evb^ovb we^o f^oba^ocwi^o Kvq^ot^oZv et^oUB, KLb^ol KLb^ol GKB cwi^oKvq we^o f^oba^oev^ovt^o b^o t^o Lv
nq Gi^oU Ab^ovt^o c^oZ^o| me cwi^oKvi R^ot^o b^o v^o nt^o j^o l GK^oW m^oW^o i^o cwi^oKvq D^ov^oPZ
Oevb^ovt^o b^o HK^oU (Uniformity of Spelling) i^o q^olv Kiv^oU^o t^o K^obbv c^ogZ evsjv fvlvi
mdj c^oq^ovtMi D^ot^o j^o L^othvM^o D^ocv^o vb nt^o jv evb^ovt^o b^o mgZv we^o avb Kiv|

munZ^o ch^oq^o j^o vPbvq msev^oc^oT^o evsjv fvlv e^oenvi^o i^o mel^o t^oq m^oKOz MtelYvq^o
c^oet^oU^o cwi^o j^o v^o y^o Z ntq^ot^oQ| evsjv^o t^o k t^o ch^o B^oW^o v^o UDU (ucAvB^ove) 1989 mt^o j
Omsev^oc^oT^o evsjv^o fvlv^o m^okt^oiv^ovt^og GK^oW eB c^oK^ovk K^ot^oi^oQ^o| th^oU^o i^o m^ou^ov^o b^ovi
v^ovt^oq^o Z^o i^o Q^o t^o j^o b m^oky^ove^o Ave^o j^o v^o Avj^o -g^oz^o i^o Av^obm^oz^o v^ogvb| eB^oU^o t^o Z Oevsjv
ev^o K^o i^o m^oZ^o, OAb^oev^o ch^oz^o, Om^okt^oiv^ovt^ogi t^o K^oSkj I e^o v^o Ki^oY^o, Om^oet^o m^o k^o t^o ai
e^oenvi^o, Omsev^oc^oT^o evsjv fvlvi e^oenvi^o O^o k^ol^o R^o m^obe^oU^o , t^o j^o v^o Z evsjv msev^oc^oT^o
fvlvi c^oq^oW^o m^ou^o m^o K^o we^o f^oba^oev^o t^o Ki Av^o t^o j^o v^o K^ocvZ Kiv ntq^ot^oQ| m^obe^oU^o , t^o j^o v^o Z H
mgq^o K^ovi msev^oc^oT^o t^o t^o K msM^opxZ m^okt^oiv^ovt^ogi Dc^o v^ocb Kiv ntq^ot^oQ| m^oK^o
MtelYvq^o m^o t^o K^o v^o t^o t^o K^o v^o tv m^oet^o k^o l Y Kiv nqub|

evsjv^o t^o k h^o v^o evsjv fvlv P^o P^o ev Ab^o kv^o j^o b K^o t^o i^o b Ges evsjv fvlvi c^oZ^o m^o K
K^o v^o R^o K^o g^o m^o u^o v^o b K^o t^o i^o b m^oet^o k^o l K^o t^o i^o ^ombK msev^oc^oT^o i^o t^o j^o L^o K, m^o u^o v^o K,
c^o Z^o t^o e^o K^o t^o i^o c^ogZ evsjv fvlvi h^o v^o h^o e^oenvi, m^o W^o K evb^ovb Ges cwi^o f^o W^o l K
k^o t^o ai e^o v^o cv^o t^o i^o Avi l m^o Z^o K^o v^o Ae^o j^o v^o b Kiv c^oq^o v^o R^o b| G ch^o t^o z^o D^o t^o j^o L^o N^o c^o g
Av^o t^o j^o v 14B gv^o P^o 2008 cwi^oKvq gbm^o j^o v^o t^o n^o m^o v^o B^o b- Gi O^o R^o v^o Z^o xq fvlv^o m^o Z^o t^o b^o
c^oq^o v^o R^o t^o b^o i^o D^o t^o v^o M^o i^o t^o b^o q^o v^o nqub^o GB m^okt^oiv^ovt^ogi GK^oW c^oet^oU^o O^o v^o v^o ntq^ot^oQ|

thLvtb ejv ntqfQ gvZfvlvi e`enri Kti hvl qv ev esjv I BstiWRi msugk0Y RMMLPao filvi e`enri teto hvl qvi Ab`Zg KviY RvZxq fvlvbmZ bv_vKv| msukof`i gtZ, GKiu KvVrtgve x fvlvbmZ cl`qb Ri`mi ntq ctofQ| G cl`t½ RvZxq uk`qv-Kugkftbi cl`vb etj bN uk`qv gra`g Kx nte, cl`vmtbi fvlv Kx nte, BstiWRmn Ab`vb` wef`ukfvlv wZxq fvlv wntmte KZUKz, iaZ; cvte; ukfite tkLvtbv nte Zvi GKiu myuo bmx_vKte fvlvbmZtZ| GRb` mi Kvi GKiu KugvU MVb KitZ cvti| fvlv e`enri-welqK ukQzKugvU_vKtj I Zv KZUv Kvhr`i tmu GKiu etov cl`q

GQrovI MZ 3iv gvP2008 `wbK cl`g Avtj vtZ cl`mkZ tmsugl` tkLti i Oc0qvRb fvlv-cui Kibv0 kvlR cl`tU wZvb wj tLtoB, cmk`ib Avgtj B Avb0mbKfite ntj I t`iki Ab`Zg ivofvlv wntmte esjvtK `fKwZ. t`qv ntq0j| GKvEti i `faxbZvi ci esjvt`iki ivofvlv wntmte esjv cy`fKwZ. tctqfQ| Gi tcofb hy` tZv wQj B AvteMI Kg wQj bv| 1971 mtj i 15B tdeaqvi GKzk Dcj t`q AvtqmRZ GK Ab0vrb tkL gyRej ingvb etj wQj b, 0Avg tNvYv KiwQ, Avgv`i nvtZ thir`b `qZv Avmte tmir`b t`fKB t`iki me0ti esjv fvlv Pij ynte| esjv fvlvi cl`tZiv cui fvlv `zvi Kiteb| Zvi cti esjv fvlv Pij ynte, tm nte bv| cui fvlv me`iv hZ Lvk Mtel Yv Kiab, Avgiv `qZv nvtZ t0qvi mt½ mt½ esjv fvlv Pij yk`ti t`e, tm esjv hw` fjl nq, Zte fjb Pij ynte cti Zv mstkvb Kiv nte|0 [mF : Agi GKzk, 1987, esjv GKvWgxl|

2007 mtj i 1jv AvM÷ 0Avgvi t`k0 cui Kvq gbmj ggvv KZR wj wLZ 0esjv evrbti mgZv I cl`gWYKZvi cl`k0 kvlR cl`tU wZvb evrbti Amvg` wbtq AfbK ukQzAvtj vPbv Kti toB| wZvb tmLvtb wj tLtoB, esjv fvlvi evrbti th Amvg` itqfQ Zv Pj wSkv Awfvtbi m0v`K ivRtkLi emy Kj KvZv mekpe`vj tqi evrbti ms`vi Dt`vtMi dtj cl`mkZ evrbti wbgg cl`vftki cl`q 16 eQi cti wj wLZ 0esjv fvlvi MwZ0 (1953) cl`tU `fKvi Kti toB| GB cl`tU wZvb etj toB, 0Avgv K_v wbgg whvb Kiab mKtj i Zv cQ>` nte bv, tj LtKiv wbtRi gtZvB Pj teb| ivRbmZK tbZv ev ag0tj vi AvAv ev0wv fitei hy`wmx wearb t0tb wbtZ Pvq bv Ges wbggeUtbi tKvrb dj nte bv|0

GB mgm`vi `0vscvl qv hite esjv fvlvi cl`tZt`i tj Lvq, ukQzevrbtbn

1. mKgvri tmbN 0evzj v0
2. ggv` krx`jw0 0esjv v0
3. Avajy n0BN 0esjv v0
4. bt0`bvivqY P`fvcva`vqN 0esjv v0 I 0ev0j v0
5. m0wZKgvri P`fvcva`vqN 0evzj v fvlv0

6. i ex`bv_vvKzN 0esjv v0
7. m0v` fAvPvhN 0esjv v fvlv0
8. AZx`gRgy`vi N 0esjv v0
9. cl`Y`vk_BN 0esjv v0
10. cl`T mi Kvi N 0esjv v0
11. 0gvqly AvRv`N 0ev0j v0

wZvb GLvtb Avi I GKiu welqfK evL`v Kti toB th, GB wewa evrbti huiv wj tLtoB Zvt`i tKv0v tj LtKi evrbti, tKv0v m0v`K ukKsev cl`d-mstkva`Ki evrbti Zv wbfcy Kiv `w`gqv` KivR|

2006-Gi btf0t gvpmi mL`v 8-G 0thwMthwM0 cui Kvq tmsugl` tkLi wj tLtoB, msev`cl` mavi YZ gvbtj i fvlv I evrbti uk`qv cl`Z`q fvgKv ivtL|

gd`tj (th uk`qv e`w0 ev QvT w tm hw` ivRbmZgb`nq, Zte tZv K_vb tbB) w`tb ukQB cvv Kti bv, tm ASZ GKiu msev`cl` cto| Avi Zvi uk`qv I fvlv e`enri ejv Ptj me`vPP e`fvgZ nq msev`cl`K wnti| ZvB msev`cl` cl`gZ fvlv e`enri hw` wePwZ_vtK, eY`ev evrbti t`qfT hw` av`fjc gv`Z nq Zvntj mavi Y cvW`Ki Dci GK weifc cl`Zw`qv t`Lv t`q|

GQrovI MZ 14B gvP2008 Zvi tL `wbK RbKE cui Kvq kvšbyKvqmri-Gi 0fj I fj evrbti ms`wZ0 wbgg cl`tU ejv ntqfQ0

GKiu mekpe`vj tqi GKiu Abvt`i fuz`civ`qv cl`et` cl`z fj aiv cto| thgb- 0emYR`0i ga0` Y ntq hvq`sf`b, tKvj b (:) ntq hvq wemM0 (t), evMavi- 0evKaviv0 ukKs` Zvi tPtq AevK nI qvi NUBv nt`Q, H Abvt`i wvb etj b, ZvtZ djvdtj tKvrb cl`fve ctomb| G nt`Q GtKeit`B 0tKtRv0`w`fiv0|

Ab`w`K gbmj ggvv 0esjv eY0v v cui Pvq I cl`zeY`Ki Y0 (2007) eBtq Dtl` Kti toB evrbti Amvg` tKv_vq Ges tKgb N

tmLvtb esjv ktai evrbti t`kx w`kx ktai gvckwM`Z t`Lvtbv ntqfQ th, eZ0vrb AfbK ktā thgb Speaker (`0vKvi) tK w`0vri, (m0g)- tK mvc0, Rvbyvix (January) tK Rvbyvni, tdeaqvix (February)-tK tdeaqvni wj tL_vtKb| G aivbi AfbK kā Zvuv 0 w0 Kvti i cui etZ` 0w0 Kvi tj Lvi tP0v Kti toB| hLb ktā Zvuv 0w0 Kvi wj tLtoB, DEti Zvuv etj b evrbti cl`gZKi Y Kiv nq|

esjv i mPZb ukw`Z mgvR fvlv Avt`vj tb`i aybq, Zvi I e0 AvtM t`fK esjv fvlv wbtq fvetZb| Zvuv esjv fvlvi meKv`k meR`cl`mn i ex`h`Mi cui Kv`i aybq, Zvi I AvtM t`fK A`f` Dwbk kZtKi cl`cui Kvq esjv fvlv wbtq bZb Amv`tK fvetZ`i iæ Ktib| misev`KZvq ZLb huiv hy` wQj b,

Zv`i AwaKvskB tj LK-mvwnZ`K mRbKxj I gbbKxj e`w³ | wKŠ` Kij µtg msev`cĀ tckv` wii Zj GĀmĀQ | msev`cĀ emwYwR`K cĀZōvb nĀq DĀVĀQ | wKŠ` KĀg tMĀQ mRbKxj Ā i mSL`v | cvkvcwK Avgt`i G mZ`I fĀj tMĀj Pj te br th, evsjv fĀlvi cĀZ AeĀv I DĀcĀv AvRĀKi bq, tmB cĀPxb Kij t_ĀK | AwFRvZ tkĀY w`ygyjg wbieĀkl D`Ābq, dvmw`ms`Z. wĀtq hZ Me` tera KiĀZv, evsjv wĀtq ZZB KĀĒZ wQj | ga`hĀMi KĀe Ave`jy nmiKg Kg `ĀL evsjv-wĀtĀlĀ i RbĀ wĀtq cĀkĀtZvĀj wĀb | msev`cĀ th memgq gvZfĀlv evsjv wĀtq fĀvĀZv, Zvi tMŠiegg AZvZ`wZ GLbl DrKxY` ŌMĀgevĒP cĀKwKkVŌ 1969 mĀj i 11B RjvB wj ĀLĀŌ

ŌAwkĀyZ gĀv, tMĀq cvUvix Ges RĀg`vi miKvĀi tMĀg`i cĀwZiv Ai`xĀfc evĀjv fĀlvi e`envi KwĀqv`vĀK, tm eo AvĀthĀ wĀlq bq | AvĀh` I tĀvĀfi wĀlq GB, mĀyF` MfY`gĀUi Awdm mgĀnl eĀfĀlv wĀZvŠĀRNb`iĀfc e`eüZ nq | Ō

(AwĀtm cĀwZ eĀfĀlv)

IB cĀwKvi wĀmĀĀ 1869 (2cĀy) mSL`vq eĀfĀlv wĀkĀivĀvĀg t`wLŌ ceĀcĀy evĀjv fĀlvi DbwZ nBqĀQ, Bnv mKĀj B`ĀKvi KĀib | wKŠ`D³ fĀlv AvkĀkb` jZvi b`vq tKej fĀgĀZ jĀĒZv nBĀZĀQ | tKnB teor w`Āq hZĀe KwĀĀZĀQb br | mĀyĀv bĀv cĀZeŪĀK DwPZ gZ em`Zv nBĀZĀQ br ...

DĀĀi D`wZĀq t_ĀKl tevSv hĀq ZLbl evsjv fĀlv Awdm Av`ĀjĀZ mskĀU wQj Avi cwi PhĀ cĀKwQj AvkĀnb | G KĀj I Gi e`wZµg NUĀQ br | tKej mskU Avi I NbrfZ nĀq wĀk;Ljvq chĀwZ nĀqĀQ | AvR cĀq t`ok eQi ci I evsjv fĀlv bĀv mskU, mgm`v`k`gvb |

GiB c_ Āti AvāwKkĀj I evsjv msev`cĀ BstĀwR kĀi e`envi h_vthvM` iāZmnKĀi AvĀjwPZ nĀqĀQ | thLvĀb ejv nĀqĀQ, evsjv msev`cĀ RMĀZi cĀvb msev` Drm BstĀwR fĀlv | msev`cĀ i mĀ_ mskw` AwaKvsk cwi fĀwK kĀi h_vh_ evsjv cwi fĀlv`vKĀj I GLbl BstĀwR etjB Avgtv Rwb | msev`gva`ĀgB Gi D`vniY thgbŌ tnWj vBb, wĀDR AvĀĀUg, wĀDR iāg, KĀ`āvR, c`vīwMĀd, tĀĀej, nKvi, UvĀĀUj, tĀh, wkdU, tWwĀj, DBKwĀj, K`vckb, wĀcĀvĀ, GwUui, GwUui qj, `e, KĀvg, G`w cĀwZ |

G_Ājv Qvovl G wĀlĀq Avi I tek wKQzMŠ` iĀqĀQ | MĀelYvi KĀj ei ew`xi K_v wĀtePbvq GLvĀb Zv msthvRb Kiv m`e nĀjv br |

ZZwq Aa`wq Z_` wĀkĀY tKŠkĀj

3.1 fĀgKv

GB MĀelYvi cĀvb DĀĀk` nĀjv evsjv msev`cĀ cĀgZ evsjvi cĀqwm I evbvbmgr wĀqĀv`Ā i gĀ` KZUKzcfve tĀjĀQ Zv hvPvB Kiv | ZvQvov bZb cwi fĀwK kĀ e`envĀi HK` br`vKvq wĀqĀv`Ā i gĀS Zv wĀwšĀmĀ KĀi | Avi ZvB tKŠkĀj i tĀĀĀ`Āfite iāZcĀ`bgĀv MĀY Kiv nĀqĀQ | G Qvovl iĀqĀQ tKŠkĀj i c`wZ, Z_` wĀkĀY tKŠkĀj cĀwZ |

MĀelYvi iĀĀZ msev`cĀ cĀgZ evsjvi cĀqwm t`Lvmn wĀtge³ c`wZĀZ MĀelYvi KvR Kiv nĀqĀQ |

bKkv

mskw` mvwnZ` chĀj vPbv
ceĀMĀelYv gj`vqb
MĀelYvi mgm`v wĀbĀfcY
ceĀMĀelYv avi Yv Ges ZĒj
MĀelYv bKkv (bgĀv bKkv)
MĀelYvi cĀkĀwĀĀY
Z_` msMĀ

wĀĀ : wĀtge³ ZuĀj KĀq MĀelYv cĀqwm cwi PwĀj Z nĀqĀQ |

3.2 MĀelYvi cĀwZ.

th tKĀvĀv aiĀbi MĀelYvq`Ā aiĀbi tKŠkĀj i Dci tRvi t`lqv nqŌ hvi GKwU` YMZ I Ab`w cwi gvYMZ | cĀgZ, cwi gvYMZ Z_`-DcvĒ msMĀ Kiv nĀqĀQ | YMZ Z_` I msMĀ Ges Zv wĀkĀY Kiv nĀqĀQ |

3.3 MĀelYvi tĀĀĀ

eZĀvb MĀelYv KgĀĀi`ewkŌ` gj-Z eYĀvgj-K | MĀelYv KgĀĀ m`ūbĀKivi Rb` cĀqvRbxq Z_`w`i Drm nĀjv`wĀK msev`cĀ`Ājvi AbĀyZ cĀgZ evsjvi cĀqwm, evbvbiwZ I G m`ūwKĀ Ab`Ā i gZvgZ, fĀlv A`Ā evbvbiwZi Dci wĀwfbacĀŌ I MŠ` | th KviĀY bw`cĀw` wĀkĀY Ges mĀqĀvRv Kiv c`wZ AeĀ`Āb eZĀvb MĀelYv KgĀĀ m`ūbĀKivi nĀqĀQ | G tĀĀĀ wĀteP` wĀlqmgĀ nĀjv :

K. \sim ubK msev`cT c \dot{g} Z ersjvi c \dot{q} M l evrbimZ/

L. c \dot{g} Z ersjvi c \dot{q} Mm \sim uK \dot{Z} wefbaecyK, c \dot{e} U, M \dot{t} elYv c \dot{Z} te`b BZ`w |

M. G m \sim uK \dot{Z} we \dot{t} kl \dot{A} e`w \dot{e} tM \dot{P} gZvgZ/

M \dot{t} elYvKt \dot{g} gva`igK tk \dot{Y} i uk \dot{q} v \dot{r} `i \dot{t} K ubePb Kiv ntqtQ/ GLvtb gva`igK ej \dot{t} Z $\dot{6}$ $\dot{0}$ t \dot{t} K 10g tk \dot{Y} ch \dot{S} l uk \dot{q} v \dot{r} `i \dot{t} tevS \dot{t} vbv ntqtQ/ Av \dot{t} uk \dot{q} v \dot{r} `i \dot{t} ubeP \dot{t} bi t \dot{q} t \dot{t} hv \dot{t} `i msev`cT i m \dot{v} \dot{t} _ ubqigZ msuk $\dot{6}$ Zv Av \dot{t} Q Zv \dot{t} `i ubePb Kiv ntqtQ/

3.4 M \dot{t} elYvi Rb` bglyubePb

th \dot{t} nZzGB M \dot{t} elYvi Z` msM \dot{h} GKwaK Z` f \dot{v} \dot{t} v \dot{t} i Dci wbf \dot{P} k \dot{x} j Z \dot{v} B G \dot{t} \dot{q} t \dot{t} GKwaK bglyubeP \dot{t} bi wf \dot{r} \dot{E} \dot{t} Z Z` msM \dot{h} Kiv ntqtQ/ Gi g \dot{t} a` WK \dot{t} g \dot{t} Ui t \dot{q} t \dot{t} m \dot{e} m \dot{t} e \dot{P} Drm t \dot{t} K Z` msM \dot{h} Kiv ntqtQ/

X \dot{v} Kv l P \dot{A} M \dot{g} kni t \dot{t} K thme ersjv msev`cT i c \dot{P} vi msl \dot{v} b \dot{b} Zg 50 n \dot{v} Rvi t \dot{K} ej tmBme \sim ubK msev`cT \dot{t} K GB M \dot{t} elYvq A \dot{S} f \dot{P} Kiv ntqtQ/ t \dot{K} vb t \dot{K} vb msev`cT bgly un \dot{t} mt \dot{e} evQ \dot{v} B Kiv ntqtQ Zv uba \dot{f} \dot{t} Yi Rb` \sim l \dot{v} qZ bglyPqb c \times iZ e`envi Kiv ntqtQ/

c \dot{m} Kv,tjv h \dot{v} utg

K. \sim ubK c \dot{U} g Av \dot{t} jv

L. \sim ubK RbK \dot{E}

M. \sim ubK Kv \dot{t} j i K \dot{E}

N. \sim ubK B \dot{t} \dot{E} d \dot{v} K

O. \sim ubK ce \dot{f} K \dot{v} Y (P \dot{A} M \dot{g})

ZvQ \dot{v} ovl \sim ubK msev`cT c \dot{g} Z ersjvi c \dot{q} M l evrbimZ w \dot{b} tq hviv KvR K \dot{t} ib Zv \dot{t} `i m \dot{v} \dot{t} _ K \dot{v} etj Z` msM \dot{h} Kiv ntqtQ/ Ab \dot{v} \dot{r} \dot{t} K m \dot{v} \dot{q} v \dot{r} Kvi c \dot{t} \dot{t} i Z \dot{w} ij Kvi gva`tg gZigZ msM \dot{h} ni mgv \dot{t} Ri wefbaeAsk thgb : uk \dot{q} K, uk \dot{q} v \dot{r} `i \dot{t} l AwffveK t \dot{t} K kZKiv (10+10+10) Rb ubePb`j MVb Kiv ntqtQ D \dot{t} \dot{t} k`g \dot{t} -K bglyPqb Gi wf \dot{r} \dot{E} \dot{t} Z/

OK : M \dot{t} elYvi Rb` bglyPqb/ uk \dot{q} v \dot{r} `i

bglyubePb	bglyvi cuiqvY		
	Qv \dot{t}	Qv \dot{t} x	tg \dot{v} U
we` \dot{v} j \dot{t} qi bug			
b \dot{x} j t \dot{q} Z D \dot{P} we` \dot{v} j q	5	5	10
D`qb D \dot{P} gva`igK we` \dot{v} j q	5	5	10
B \dot{w} A \dot{w} bq \dot{w} i s BD \dot{w} b \dot{f} \dot{w} m \dot{U} D \dot{P} gva`igK we` \dot{v} j q	5	5	10
g \dot{w} b \dot{c} j D \dot{P} we` \dot{v} j q	5	5	10
ev \dot{C} v D \dot{P} we` \dot{v} j q	5	5	10
tg \dot{v} U	25	25	50

OK : M \dot{t} elYvi Rb` uk \dot{q} K l AwffveK ubePb

M \dot{t} elYvi Rb` msuk $\dot{6}$ evQ \dot{v} BKZ e`w \dot{e}	M \dot{t} elYvi cuiqvY		
	c \dot{y} d	g \dot{w} j v	tg \dot{v} U
AwffveK	5	5	10
uk \dot{q} K	5	5	10

GB M \dot{t} elYvq bgly uba \dot{f} \dot{t} Yi t \dot{q} t \dot{t} X \dot{v} Kv kn \dot{t} i i c \dot{v} R \dot{w} we` \dot{v} j \dot{t} qi uk \dot{q} v \dot{r} `i \dot{t} ubePb Kiv ntqtQ/ we` \dot{v} j q,tjv ntjv b \dot{x} j t \dot{q} Z D \dot{P} we` \dot{v} j q, D`qb D \dot{P} gva`igK we` \dot{v} j q, B \dot{w} A \dot{w} bq \dot{w} i s BD \dot{w} b \dot{f} \dot{w} m \dot{U} D \dot{P} gva`igK we` \dot{v} j q, g \dot{w} b \dot{c} j D \dot{P} we` \dot{v} j q, ev \dot{C} v D \dot{P} we` \dot{v} j q/ Ac \dot{v} \dot{r} \dot{t} K AwffveK l uk \dot{y} K \dot{t} `i gZvgZ l tbqv ntqtQ/

3.5 M \dot{t} elYvi Rb` ubePZ e`w \dot{e} l msev`cT

w \dot{b} tq \dot{w} s Kvi \dot{t} Y M \dot{t} elYvi DcKiY un \dot{t} mt \dot{e} evQ \dot{v} B Kiv ntqtQ/

(K) uk \dot{q} v \dot{r} `i hviv \sim ubK msev`cT m \dot{e} u \dot{t} K \dot{q} \dot{v} \dot{h} _ \dot{A} v \dot{b} i v \dot{t} l/

(L) uk \dot{q} K hviv \sim ubK msev`cT l c \dot{g} Z ersjvi c \dot{q} M m \dot{e} u \dot{t} K \dot{e} m \dot{t} PZb/

(M) AwffveK un \dot{t} mt \dot{e} hv \dot{t} `i tbqv ntqtQ Zviv ubqigZ msev`cT c \dot{v} W K \dot{t} ib/

(N) misew \dot{r} K hviv msev`cT f \dot{v} lvi e`envi l evrb w \dot{e} l \dot{t} q we \dot{t} kl \dot{A} Zv \dot{t} `i m \dot{v} \dot{t} _ K \dot{v} etj Z` msM \dot{h} Kiv ntqtQ/

3.6 Z` l Z \dot{E} jmsM \dot{h} c \times iZ

wZb ai \dot{t} bi c \times iZi gva`tg Z` t \dot{b} lqv ntqtQ/ h \dot{v} utg: uk \dot{q} v \dot{r} `i Rb` c \dot{t} g \dot{v} jv/ GK \dot{w} U c \dot{t} ae \dot{t} \dot{z} wi Kiv ntqtQ thL \dot{v} tb 10wU c \dot{t} ae \dot{v} K \dot{t} e/ Aek \dot{B} tmB ai \dot{t} bi uk \dot{q} v \dot{r} `i \dot{t} ga` t \dot{t} K Z` msM \dot{h} Kiv ntqtQ hviv ubqigZ ersjv msev`cT c \dot{t} o \dot{v} tKb/

uk \dot{q} K l AwffveK \dot{t} `i Rb` c \dot{t} ae \dot{t} : GLvtb GK \dot{w} U c \dot{t} g \dot{v} jv \dot{z} wi Kiv ntqtQ hv uk \dot{q} v \dot{r} `i \dot{t} c \dot{t} ae \dot{t} t \dot{t} K w \dot{f} b \dot{a} bq/ uk \dot{q} K l AwffveK \dot{t} `i msev`cT i m \dot{v} \dot{t} _ Aek \dot{B} ubqigZ msuk $\dot{6}$ Zv we` \dot{v} g \dot{b} /

c \dot{t} ae \dot{t} Gi c \dot{v} k \dot{v} c \dot{w} k m \dot{v} \dot{q} v \dot{r} Kv \dot{t} i i gva`tg l misew \dot{r} K Ges \sim ubK msev`cT i m \dot{e} u \dot{v} \dot{t} Ki KvQ t \dot{t} K evrb m \dot{e} u \dot{t} K \dot{g} ZigZ M \dot{h} Y Kiv ntqtQ/

(K) c \dot{U} g ch \dot{t} q

- gva`igK ch \dot{t} q \dot{t} i w \dot{b} ir $\dot{6}$ we` \dot{v} j \dot{t} qi uk \dot{q} v \dot{r} `i \dot{t}

(L) wZ \dot{x} q ch \dot{t} q

- AwffveK/

- w \dot{b} ir $\dot{6}$ we` \dot{v} j \dot{t} qi uk \dot{q} K/

(M) ZZxq chRq
- musevri` K |
- cġgZ ersj v frlv vbtq huiv kvR Ktġ b Zrt` i gZvgZ |

3.7 Z_`mslMġ c×wZ

Z_`mslMġ Kivi AvtM DEi`vb c×wZ wKqV_e, AwffiveK I wKqKt` i etj t`qv nġqWj | tgvUvgwġ mgq tj tMġQ 20-40 ugubU | AtbK mgq cġkæbv eStj Zv eyStq t`qv nġqWj |

3.8 Z_`cġpukKiY

Z_`mslMġni ci MtelYvi t`t`thgb Ktġ Z_` wetkġY Kiv cġqvRb tZgubfrte wetkġY Kiv nġqWj | Zte GKwU eAwbK MtelYvi Rb` Zžbvjg-K wetkġY Kiv, iæZcyġ GB MtelYvq cġp aiġbi c×wZtK evQvB Kiv nġqWj |

3.9 Z_`wetkġY tKġk

thtnZzMtelYvU eYġvagtġmtnZzvi eZgub mgġqi cġB Z_`w`i Dci wfiE Ktġ wK msev`cġġ cġgZ ersj v frlvi cġqvM I evrbimwZ MtelYvi gj-Dġi`k` wbaŋY Ktġ cwi Pwġj Z nġqWj | Gġŋġġ cġÜmn weifbæ e`w³ Z_v msev`cġġ msikġ e`w³ i gZvgZ, iæZcyġmrvqKmf` wntmte cwi wPwZ tġtġQ |

YmZ Ges cwi gvmZ Dfġ c×wZB Z_`mslMġni tŋġġ e`envi Kiv nġqWj | YmZ eYġvi tŋġġ eYġvgj-K c×wZ Ges cwi gvmZ MtelYvi tŋġġ cwi msL`vbmZ c×wZ e`envi Kiv nġqWj | msev`cġġ cġgZ ersj v frlvi cġqvM I evrbġbi weifbæġc t`Lvtbri cġkvcwK bZb cwi frlvi AvMgb t`Lvtbri Rb` PviwU RvZxq I GKwU AvAwj K wK t`ġk cġB DcvE wetkġY Kiv nġqWj |

3.10 Z_`, DcvE mslMġ mrvqZvKvi

msev`cġġ cġgZ ersj v frlvi cġqvM kxI R MtelYvKg`m=úbæKivi Rb` MtelK Zvi mnġhwMi mnvh` wbtġQb Ges MtelK wbtRi GKRb MtelYvKgġ wġtciU`Zwi I Zvi gvb wK ivLvi Rb` frlv-wetkġt`Ai mnvh` tbqv nġqWj | MtelYvKgġli gġtġbvtġbi t`t`frlv-wetkġt`Ai weifbæ cġvgkP MġY Kiv nġqWj |

PZZ@Aa`iq

msev`cġġ cġgZ ersj v e`envi i bgly

4.1 frgKv

wK msev`cġġ, tġvi mjw`ŋ msl`v wetkġY Ktġ t`Lv hvġ`Q th GġKK msev`cġġ cġgZ ersj v e`envi i iwZ GġKK iKg | GġKK msev`cġġ GġKK iKgfġte evrb tj Lv nġ`Q | Avevi GKB cwi Kvq GKB ktāi GKwaK evrbġbi `pvsġġ i tġtġQ | ZvQvov bZb kġ, tġvi cwi frlv cġqtb thgb `epġġ` cwi j wġZ nq, tZgub H cwi frlvi evrbġbi weifbæv t`Lv hvq | cġkvcwK wetkġ kġāi evrbġb Avgt` i cġpġj Z evrbġbi wbgg i wġZ nġ`Q bv | GuU cġgZ ersj v e`envi i wZi myúo j .Nb | ZvQvov msev`cġġ, tġvtZ weivg wPtŋi h_vh_ cġqvM Kiv nġ`Q bv, GġZ Ktġ evġK`i A_`AġbK mgq ō`ġevaK nġ cġo | GB mewKQz wġvġġq ersj v msev`cġġ cġgZ ersj v e`envi weifbæġtġbi wek;Ljv `wġMwPi nġqWj G MtelYvKtġgP

4.2 wK msev`cġġ cġgZ ersj v frlvi cġqvM wetkġY

wK msev`cġġ, tġvtZ cġgZ ersj v frlvi cġqvM I evrbimwZ wetkġY Kġtġ t`Lv hvq th GġKK msev`cġġ GġKK iKtġi i wZ Z_v ersj v evrbġbi weifbæv cwi j wġZ nq, dtj msev`cġġ, tġvi kġ evK`ci =úiv cġwZi gvġS avivewmKZv wevNæ nq | ZvQvov msev`cġġ, tġvtZ ersj v evrbġbi tŋġġġ Awfbæġc cwi j wġZ nġ`Q bv | wK msev`cġġ, tġvtZ cġgZ ersj v frlvi cġqvM weġtġ avivewmKZv i wġZ bv ni qvi Kvi tŋy mġ wek;Ljv, tġv tKgb Ges Kx frte Kiv nġ`Q Zv we`hi Zfrte wetkġY ceR wbt=ġDc `vcb Kiv nġj wġ

wġqvct` ōI ō Kvi

ersj v GKwġwġg cġgZ ersj v evrbġbi wbtġgi tŋġġġ wġqvct` ōI ō Kvi m=útk` mjw`ŋ Ktġ ejv nġqWj | Zvi cġġ msev`cġġ, tġv wbtRi gġZv Ktġ Aġ_P Dci wfiE Ktġ wġqvct` ōI ō Kvi tġ Lv Dci tRvi w`ġQ |

Gġŋġġ ōcġg Avġjw` Zvi wR`^ frlvimZtZ wKQzw` Kwb`Rbv w`ġtġQ | thgb : covb, ejvb, KivbŊ GB kġ, tġvi wġqvct` i e`envi G iKg nġe | thgb : GKwU t`ġj wZwb BstġwR colb | AvawbK cġwġj Z ktāi tŋġġġ Gi A_` weávu Govġbri Rb` KġqKwU tŋġġġ e`wZµg nġe | thgb : nġjv, nġZv BZ`wġ | Zte wġqv wetkġġ i tŋġġġ tkl eŋY`ōI ō Kvi nġe | thgb : Kivtġv, covtġv, _vgtġv, ejvġv BZ`wġ | wK GKBfrte Ktġv, Pġjv, cġov I eŋjv GB kġ, tġv e`envi KġġQ | wK GKB tŋġġġ wbtqv, w`ġqv I thġqv wġ LtQ Ges wġqv wetkġġY i tŋġġġ ōI ō ktāi tŋġġġ miwmi ōI ō Kvi I, Zvi I Gfrte wġ LtQ | wKQzKQz tŋġġġ ōI ō Kvi wġ LtQ bv | thgb : ZZ, AZ, GZ, KZ, tKb BZ`wġ |

k/l/m Gi tʃtʃ

esjv GKvWng k/l/m Gi tʃtʃ tʃ Lv hvq, Zrmg ktā k, l, m Gi wbg gvbʒZ nte| GQvov Abʃ tKvʃv tʃtʃ msʃZi l-Z; wewa cʃhvRʃ nte bv| Zrmg ktāi U, V eʃYʃ cʃeʃlʃ nq| BstʃmR l BstʃmRi gvaʃg AvMZ wʃtʃk ʃsʃ eYʃer aʃʃbi Rbʃ m Gi Sh- Sion, Ssion, tion BZʃwʃ eYʃʃQ ev aʃʃbi Rbʃ k eʃüZ nte|

Gtʃtʃ **cʃg Avʃv** Zvʃi fvlvʃmZʒZ Zv mʃVKfʃte tʃtʃ PjʒQ| thgb : Zrmg ktā U, V Gi mʃ½ ʃlʃ hʃ nʒ hʃ eYʃʃte| A_ʃ hʃ eYʃʃ nʃQ ʃsʃ, ʃ| thgb : Avʃbʃ, Avʃkʃ, l ʃ BZʃwʃ |

ʃwʃk **BʃĒdvK** GB evbʃbi mʒ tʃtʃ Pjʒ l mʃKʒtʃtʃ, thgb : Kʃm, dtʃUvʃvʃ, tʃdʃʃvʃ BZʃwʃ kā eʃʃni KiʒQ|

ʃwʃk **RbKÉ Kʃʒi KÉ l ceʃKv** GB evbʃvʃvʃ tʃtʃ Pjʒi tʃPʃv KiʒQ| hʃ l fʒ eʃʃni i ʃʃʃl iʒtʒQ|

mgmex cʃʃi tʃtʃ

esjv GKvWngi cʃgZ esjv evbʃʃbi wbg Abʃvqʃ mgmex cʃʃvʃtʃK GKmʃ½ wʃ LʒZ nte, gvʃLʃvʃ dʃvKv ivLv Pjʃte bv| thgb : mʃevʃcʃ, ceʃwʃmʃZ, gʃʒ evi, tʃmgevi, evi evi, mgmʃvcʃʃʃ fʃvʃmʃZ fʃte BZʃwʃ |

wʃtʃk l cʃʃvʃʃʃi tʃtʃ mgmex cʃʃvʃtʃK GKvʃ, KLʃvʃ KLʃvʃ GKvʃwʃ evi nʃBʃdb (-) wʃ tʒ hʃ Kiv hvq| thgb : mʃKʒzvʃ-mʃKʒgvʃtʒʒ, evcʃ-teʃv, Rjʃ-ʒʒ-Avʃvʃ, evʃv-gv, gvʃtʒʒ RʃmʒagʃYʃʃwʃeʃkʃl BZʃwʃ |

cʃg Avʃv mgmex kāʒvʃtʃK wʃʃiUfʃte wʃ LʒQ| thgb : gvʃbeZwʃvʃvʃ, gvʃbecvʃvʃ Kivʃ MYwʃvʃvʃ, mʃiKivʃwʃvʃvʃ, gnʃmʒvʃteʃ, GKʃvʃʃb, agʃvʃbgʃʒ, ʃʃʃvʃvʃ BZʃwʃ |

Avei mʃKʒkā thLʃvʃ cʃg mʒvʃʃvʃ thLʃvʃ mgmex nʒ nʃBʃdb eʃʃni KiʒQ| thgb : Gcvk-l cvk, Gcvi-l cvi, GLb-ZLb l j U-cvʒ U cʃʃwʃZ|

Kʃʒi KÉ-Gi tʃtʃ **esjv GKvWngi** evbʃʃʃK Abʃvʃi Y Kiv nʒq _vʃK, ʃwʃk **RbKÉ-Gi tʃtʃ** **esjv GKvWngi** evbʃʃʃK Abʃvʃi Y Kiv nʒq _vʃK|

GQvov Abʃvʃ cʃwʃKvʃ tʃtʃ GKb wbg tʃtʃ Pjʒi tʃPʃv Kiv nʃQ| hʃ l G MʃteYvq hʃ_ʃ wʃPʒʒl ʃwʃʃmʃʃi nʒtʒQ| GLʃvʃ Dʒʒʃ th, eʃePʃevʃK cʃʃʒʒ-ʒʒvʃ, eʃ, MY, eMʃ cʃʃ cʃʃwʃZl Aʃʃk cʃwʃKvq GKʃtʃ bv wʃʒL cʃʃKfʃte wʃ LʒQ|

wʃtʃk ktāi tʃtʃ

G/v Gi tʃtʃ

esjv GKvWngi cʃgZ evbʃvʃ wbg Abʃvqʃ wʃtʃk ktā wʃKZ. ev evKv Dʃvʃiʒi Aʃʃ ev ʃv eʃüZ nte| thgb : Gʃwʃ, Gʃwʃwʃ, gvʃʃvʃvʃ, nʃvʃ|

Gtʃtʃ tʃ Lv hvq th **cʃg Avʃv** GB kāʒvʃvʃ tʃtʃ mʃKʒmʃwʃʃ wbg wʃʒLʒQ| thgb : BstʃmR ktā ʃsʃ eʃYʃ cʃZevʃKivʃ ʃGʃvʃ bv wʃʒL wʃʒLʒZ nte ʃAʃvʃ| thgb : AʃvʃwʃʃAʃvʃwʃʃKvʃ, AʃwʃwʃvʃvʃU cʃʃwʃZ|

GB GKB kā Abʃvʃ cʃwʃKvʃvʃ GKbʃvʃte eʃʃni KiʒQ| Zʃte eʃʒ cʃʃvʃZ mʃKʒkā **cʃg Avʃv, Kʃʒi KÉ, RbKÉ l ceʃKv** eʃʃni KiʒQ| **BʃĒdvK** GKʒeʃwʃmʒg| thgb : esjv GKvWng kāwʃ Dcʃvʃ Dʒʒ evbʃʃvʃ cʃʃvʃZ nʒj l tʃKvʃvʃ tʃKvʃvʃ mʃevʃcʃ wʃʒLʒQʃ ʃevʃvʃ AʃvʃKvʃwʃvʃ|

B l C Gi tʃtʃ

esjv GKvWng cʃgZ esjv evbʃʃbi wbg Abʃvqʃ mʃKj A-Zrmg A_ʃ Zʃwʃe, tʃwʃk, wʃtʃk, wʃkʃ ktā tʃKj B (w) Kvi eʃüZ nte| Ggbwʃ ʒʒ-evʃK l RʃwʒevʃK BZʃwʃ ktāi tʃtʃ l GB wbg cʃʃhvʃ nte| Awʃ cʃʃʒʒi tʃtʃ B-Kvi eʃʃni i K_v eʒʒQ| thgb : tʃLqʒvʃ, wʒZwʃvʃ, eYʃvʃ, tʃmʃvʃvʃ, tʃnqʒvʃ BZʃwʃ |

mʃKʒzvʃvʃevʃK ktā (x) C- Kvi eʃʃni i K_v eʒʒ nʒtʒQ| thgb : bvʃx, cʃx, mʃvʃx BZʃwʃ |

cʃʃʒeʒ esjv Avʃv wʃl GKB K_v eʒʒQ| mʃKʃʒ Kʒ Kivʃvʃ wʃkʃeʃʒʒ vʒ q MʃvʒZ esjv evbʃʃbi wbg Abʃvqʃ hʃwʃ gʒ mʃʒ-Z.ktāi C-Kvi ev E-Kvi _vʃK Zʃte Zʃwʃe ev Zrmg ktā C-Kvi ev E-Kvi A_ev wʃKʃʒ B-Kvi ev D-Kvi nte|

mʃKʃʒ G tʃtʃ esjv mʃevʃcʃʒʒvʃZ GʃKʒ i mʒ Abʃvʃi Y KiʒQ| GLʃvʃ mʃKʒZ ʒʒvʒvʒ-K wʃʒ Dcʃvʃcb Kiv nʒjv| G tʃʒK tʃevʃvʃ hʃte mʃevʃcʃʒ evbʃvʃ eʃʃni i ʃʃʃvʃvʃ ʒʒʒ :

esjv GKvWng	Kʃʒi KÉ	cʃg Avʃv	BʃĒdvK	RbKÉ	ceʃKv
Rivʒ	Rivʒ	Rivʒ	Rivʒ/Rivʒ	Rivʒ	Rivʒ/Rivʒx
Rivʒʃ	Rivʒʃ	Rivʒʃ	Rivʒʃ	Rivʒʃ	Rivʒʃx
wʃwʃwʃ	wʃwʃwʃ	wʃwʃwʃ	wʃwʃwʃ	wʃwʃwʃwʃwʃwʃ	wʃwʃwʃwʃwʃwʃ
evʃvʒ x	evʃvʒ	evʃvʒ	evʃvʒ x	evʃvʒ x	evʃvʒ x
vʒ	vʒ	vʒ	vʒ x	vʒ	vʒ
wʃtʃk	wʃtʃk	wʃtʃk	wʃtʃkx	wʃtʃkx	wʃtʃkx

ʃ ʃ Gi eʃʃni

esjvʒ thme ktā ʃ ʃ Gi eʃʃni _vʃK thgb ktā **cʃg Avʃv, Kʃʒi KÉ, RbKÉ, BʃĒdvK** ʃ ʃ eʃʃni KiʒQ|

mʃKʃʒ **cʃg Avʃv** mʃʃvʃwʃZ eʃʃʒi tʃtʃ Zvi tʒ Lvi ʃʃvʃ Zv wʃʒLʒ Zv iʒvʃʒ mʃʃvʃ Rvʃvʃvʃi tʃtʃ l GKB mʃʒ tʃKj **cʃg Avʃv** cʃwʃKvʃ tʒ Lʒq ʃ ʃ h_ʃv_ʃvʃ Z_v ʃʒi l ci eʃʃni KiʒQ|

RbKÉ mevi 0Zvi0 tj Lvi tʃtʃi Zui eʻenvi KiʃQ| iʻagvī mgvʃRi AmʃnbZ tckvi mt½ hrii RwoZ Zvʃ i tʃtʃi 0 0ueʻenvi KiʃQ br| GKBFvʃe 0i i v0 Gi tʃtʃi 0i 0i vj LʃQ| GgbwK **BtĚdĥK** eʻwZmg Zriv wKQzKQzʃtʃi mvgwMK frʃe 0 u0 cwi nvi KiʃQ| ZvQivov **Kvʃj i KÉ RbKÉ I ceʃKvY** h_v-ʃtʃb 0 0ueʻenvi KiʃQ|

veʃ`nk ktāi eisjv eʻenvi

wKQzKQzAwZ cwi wPZ veʃ`nk ktāi eisjv eʻenvi eisjv AvʃFavʃb _vKv mtĚj|
 `wbK msev`cĬ , tʃv mi vmi BstiwR kā eʻenvi KiʃQ| thgb :

veʃ`nk kā	eisjv kā
tcmʃwU	i v0c wZ
Bvʃvi b`vkʃj	AvʃRwZK
nvmcUvʃ	nvmcʃZvʃ
Pxd Bʃj Kkb Kvgkʃvi	cāvb ubeʃʃb Kvgkʃvi
A`vʃi ÷	tM0Zvi
dig wdj Avc	dig cʃY
AvigʃPxd	tmbvewnbx cāvb
tKvʃúmb	cāZ0vb
Uzi ÷	ch0K
F`vU	AvqKi

Ab`vb` cwi Kvq mi vmi BstiwR kā eʻenvi KiʃQ| hv I G , tʃvi Avʃv` Kʃi tʃ Lvi mʃe| thgb : KʃUʃj , tmj , μmdivi , GbKvDvʃvi , c0Bgwi , j wes , tʃvWvDb , w_gcvKʃ nʃBKgv0 , wUʃtʃvU , kvcs gj , tU0vi , mvcwB , tiW Gj vUʃ wʃtʃvUʃWv÷wv , wʃ fvi mʃvBU , tʃvWvDb , I qmKʃM0c , wPd , wM0 , wmvW , wM0 cʃFwZ kā , tʃv veʃ`nk nevi KviʃY 0w0 w`tʃ tʃ Lvi K_v| wKʃ`AvʃKvsk tʃtʃiB 0 x 0 w`tʃ tʃ Lvi c0Yzʃj ŸYʃq|

msL`vi aviYv

msev`cĬ , tʃvʃZ msL`vZwĚK aviYvi tʃtʃi t`Lv hvq , gj- KvMʃRi I ci Aʃ¼ wʃ LʃQ thgb : 8B gvPʃ wKʃ`tʃZʃi Aʃ¼ br wʃ tʃL kā w`tʃ wʃ tʃLʃQ| thgb : **BtĚdĥK** tʃvʃqʃUʃtʃqʃU kā Zriv wʃ LʃQ tʃvʃqʃU 20 (GuAek` AvBwmm-I t`I qv bʃv) Ges `wbK **Kvʃj i KÉ c0g Avʃv I ceʃKvY** cwi Kvq Aʃ¼ I K_vq `ʃFʃvʃeB msL`vK cvl qv hvq| AʃbK tʃtʃi wKQzAsk eivʃv Avevi wKQz Ask msL`v ev Aʃ¼ wʃ tʃLʃQ| thgb : mʃZRb/7Rb| mʃZk/7k BZ`w`|

i djv ()

eisjv GKvʃWig c0gZ eisjv wʃqʃ Abʃvqʃ veʃ`nk ktāi tʃtʃi 0F0 Kvʃii eʻenvi br Kʃi i-djv , B-Kvi eʻenvi KiʃZ ejv nʃtʃQ| thgb : 0e0 bq 0w0| cwi0ge½ eisjv AvKvʃ wʃ MʃxZ evbʃvʃwv Abʃvqʃ veʃ`nk ktāi tʃtʃi 0F0- Kvʃii eʻenvi br Kʃi , i-djv , B-Kvi eʻenvi KivB DʃPZ nʃe| thgb : Lp bq wL0 , eʃwK bq wʃwK| Gʃtʃi mKj msev`cĬB GB wʃqʃ tʃtʃi PjʃQ| wKʃ` **RbKÉ** , **BtĚdĥK I ceʃKvY** cwi Kvq 0wʃUʃb0 I 0wʃwK0 ktāi cwi eʃZʃeʃUʃb0 I 0wʃwK0 ktāi bʃv cvl qv hvq|

GQivov wKQzKQzʃvʃvʃ GʃKK cwi Kvq GʃKK i Kq| thgb:

eisjv GKvʃWig	Kvʃj i KÉ	c0g Avʃv	BtĚdĥK	RbKÉ	ceʃKvY
w`y	w`y	w`y	w`y	w`y	w`y/w`y
gvM	gvM	gvM	gvM	gvM	gvM
ewo	ewo	ewo	evox	ewo	evox/ewo
i Bnb	i Bnb	i Bnb	i dZnb	i dZnb	i dZnb
wQbZvB	wQbZvB	wQbZvB	wQʃB	wQbZvB	wQbZvB
tMʃvi	tMʃvi	tMʃvi	tM0Zvi	tMʃvi	tM0Zvi
cwi l`	cl°/cwi l`	cl°	cwi l`	cl°	cwi l`
mʃvʃv	mʃvʃv	mʃvʃv	mʃvʃvZ	mʃvʃvZ	mʃvʃvZ
Kvʃʃ q	Kvʃʃ q	Kvʃʃ q	Kvʃʃ q	Kvʃʃ q	Kvʃʃ q
Bbʃv-wʃDU	Bbʃv-wʃDU	Bbʃv-wʃDU	Bvʃv-wʃDU	Bbʃv-wʃDU	Bvʃv-wʃDU
tivRv	tivRv	tivRv	tivhv	tivRv	tivhv/ tivRv
AwM0	AwM0	AwM0	AM0g	AM0g	AM0g
wfo	wfo	wfo	fio	fio	fio
tʃʃmʃ	tʃʃmʃ	tʃʃmʃ	gl mʃ	gl mʃ	gl mʃ
hvKvZ	RvKvZ	hvKvZ	RvKvZ	RvKvZ	RvKvZ
igRiv	igRiv	igRiv	ighv	igRiv/ighv	igRiv
Avʃ`Bi	Avʃ`Bi	Avʃ`Bi	Avʃ`dZi	Avʃ`Bi	Avʃ`Bi
wbnZ	wbnZ	wbnZ	wbnZ	nZ	wbnZ
gv`imv	gv`imv	gv`imv	gv`imv	gv`imv	gv`imv

wKQzka eisjv GKvʃWig mʃvʃ 0 wvʃ br tʃtʃ GʃKK cwi Kv GʃKK i Kq wʃ LʃQ| thgb :

c0g Avʃv	Kvʃj i KÉ	BtĚdĥK	RbKÉ	ceʃKvY
MʃvʃUm	MʃvʃUm	MʃvʃUm	MʃvʃUm	MʃvʃUm
tʃwʃtʃKj	tʃwʃtʃKj	tʃwʃwKʃvʃ	tʃwʃtʃKj / tʃwʃwKʃvʃ	tʃwʃtʃKj / tʃwʃwKʃvʃ
μmdivi	μmdivi	Kʃndvʃvʃ	μmdivi	Kʃndvʃvʃ
tcmé ^a	tcmé ^a	tʃvʃ wʃ/tcmé ^a	tʃvʃ wʃ/tcmé ^a	tʃvʃ wʃ/tcmé ^a
eivKʃvʃBj	eivKʃvʃBj	teKʃvʃBj	eivKʃvʃBj	teKʃvʃBj

GQovrl `nbK mser`cĪ ,tjv cĪZw bB evbvb tj Lvi tġtĪ cġij Z ũbqg
j·Nb Kti, hw`I Zviv ej tQ Zviv ejsj v GKvġWngi ũbqg Abyri Y Kti _vġK|
Zvi ci I MteLYvi Rb` evQvBKZ. cwi Kvmgġn cĪZũbqZ ũKQz br ũKQz
evbrtbi `tfc mektġtYi tġtĪ Acġij Z ev Ai x i/c j ġ Kiv tMġQ| thgb :

BtĒdvK		
fġ (tj Lv ntqġQ)		mġ/K kĀ (uj LtZ nte)
tcvimfv	→	tġimfv
p`pp	→	ppp
Aevġ`	→	Aevġa
weev`gvb	→	wee`gvb
Dġ`tk	→	Dġġtk / Dġġtk
DĒzi	→	DĒġi
ceġmġvšl	→	ceġmġvšl
fqv	→	fġv
ZvZx/ ZwZ	→	ZwZ
i dġx	→	tivġx
.jx	→	.uj BZ`w`

RbKĒ		
fġ (tj Lv ntqġQ)		mġ/K kĀ (uj LtZ nte)
MeYp	→	Mfbp
cġKġmbv	→	cvKġmbv
tKġ`	→	tKġ`a
Dj ũmZ	→	Dj ũmZ
bġeġġ	→	bġfġġ
`ġgj`	→	`ġgj`
coqv	→	coqv

cġg Avġjv		
fġ (tj Lv ntqġQ)		mġ/K kĀ (uj LtZ nte)
tġwĒ	→	tġwĒa
meaġv	→	mseaġv
gġ`	→	gġ`
hKZ.	→	hKr..
fġwġvi	→	fġwġvi

Kvġi KĒ		
fġ (tj Lv ntqġQ)		mġ/K kĀ (uj LtZ nte)
ũUġgU	→	ũUġgU
D`hvcb	→	D`hvcb
teciqv	→	teġtiqv
ũġcij	→	ũġcj

ceġKv		
fġ (tj Lv ntqġQ)		mġ/K kĀ (uj LtZ nte)
BtZvnm	→	BvZvnm
b`Zxi	→	b`xi Zxi
K_vq	→	tKv_vq
evox	→	evio
Nox	→	Nwo, BZ`w`

eZġvrb mser`cĪ ,tjvġZ cġġ ũgk`kġai (Mixed word) Gi e`envi t`Lv
hvġ`Q| GKwġK fġlvi kĀ GKġ ev ũgkġvte hġ nġq ġU MVb KiġQ| ġU
nġZ cvġi ejsj v-Bġi ũR ũKsev Bġi ũR-ejsj v kĀ mġhvRb Kti | thgb :

ũgk`kĀ	
tġvġUj	ġUi +tntġUj
AAġvbcġU ^o	AAġvb+cġU ^o
ġġ ġcġU ^o	ġġ ġ+cġU ^o
BdZvi cġU ^o	BdZvi +cġU ^o
j ũVpVr ^o	j ũV+PvR ^o
ũMbvġ evZ	ũMbvġ +evZ
tUŪvi evR	tUŪvi +evR
Z`šKġgkb	Z`šġ+Kġgkb
ġmWbvġġc	ġmW+ũbvġġc
tġũvbgġi	tġũvbgġi
ũWġUġi Z	ũWġUġ+i Z
KvUġAvġv	KvUġ+Avġv
tġmvi cġU ^o	tġmvi +cġU ^o

KBR	A'icm
M'vncdì	tPqvi cvm ⁸
gM ⁹	wi RrF ⁹
tgrveBj e'vsuKs	eU
wvRvUvj	Abj vBb
tní j vBb	g'vfbRri
Acvfi Ui	KvUkb
tmvgdvBvj	cÜBgvwi
e'vsuKs	Ktçfi kb
tkqvi evRvi	wi wFD wcvUkb
KvfbKkvb	vj dtj U
tUvj	cØR±
wi tcvU ⁹	wcvUfbm
Avicj	tmj wd
tgtUfi j	vUg
tkvKR	mvmçcÜ
d'vU	AvURg
tUvkb	wfivRU
cÜvKwUk'vj	MWdv'vi
Kvj Pvi	AvKvBF
n'vKs	Aj i vDÜvi
wi Pvr ⁹	wvRvUvj vBtRkb
wbDRi ag	wi wFD
tgvkb wi tWej	wi tcvU ⁹
wgvj wbgvg	ekçtçv÷
ti wvI RvK	cvUvBg
dWtKvU ⁹	etçd
wcvij s t÷ kb	cvl qvi tç vW

~wbK msev`cI , tçvçZ Avie-dvimm kã e'envtii tçvçI mçcÜZ GKvU
cØYZv tPçL çto| tmUv nç'Q cØvj Z ktãi evvrb cvieZ⁸ Kti i x Kivi
cØPov, hv`I Zv KiçZ evsjv evvçtbi wbgg gvbr nqv| Avi eZçvb mgtqi
meKvU msev`cI G aiçbi cvieZ⁸bi tPov KiçQ| thgç :

AvM tj Lv nçZv	GLb tj Lv nç
RvqvZ	RvqvqvZ
Zçmxi	Zçdmxi
Zej vM	Zvej vM
t`vqv	çAv/t`vqv
gl j vbv	gv l j vbv
gvwçdj	gvwçdj
imj	imj-
ingvbi iing	ivngvbi ivnçg

Ab'wb` fç çØqM

- GvU GKvU mgvwi Kvç Z nZ'vKvD > GvU GKvU cvw Kvç Z nZ'vKvD
- çekvçLi GK Zwi L > çtçjv çekvL
- Ab`Zg Dçj çthvM` > Ab`Zg/ Dçj çthvM`
- meççg/ meççvU > ççg/ tçvU
- evçK`i DrKIçv > evçK`i DrKI⁹
- tQçj wU wbi çiva > tQçj wU wbi çiva
- mL`Zv Mçto I Vv > mL` Mçto I Vv
- mgçkvj x bMv x > mgç bMv x
- GKvç Z Kiv > GKç Kiv
- Avwç evmvç thçq çoe > Avwç evmvç wMçq çoe

GQvovI , tçv , vj mgç çvçZ eüçPçmPK çç`q çj- ktãi mç½ GKçI
vj LçZ nçe| G , tçv AçbK mgç ççK tj Lv nç|

cĀg Aa`iq

msev`cĀĭ cĭgZ eisjvi e`envi wtkĀY I gw-MĭtĀYvi Z_ wtkĀY

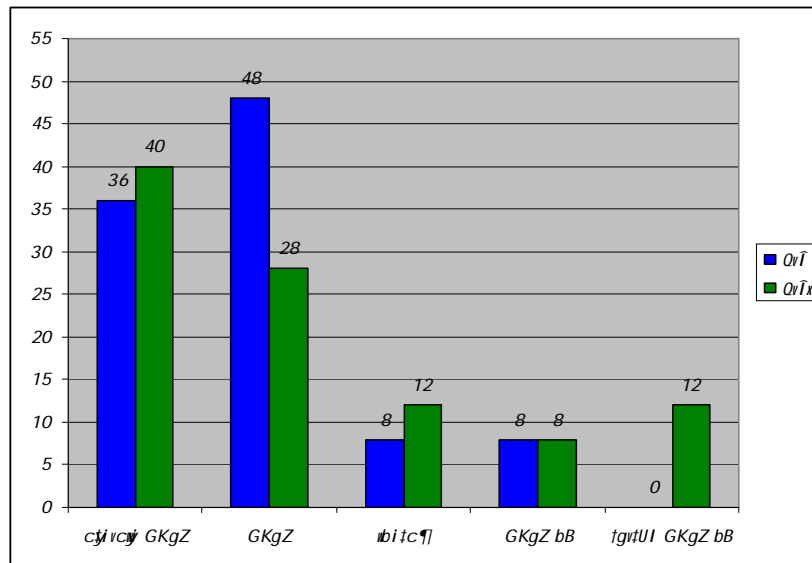
5.1 figKv

MĭtĀYvi Rb` Z_ tĭvĭK mvgĭb tiĭL wĭtĭe³ tKŠktĭ e`vL`v Kiv ntqĭQ/

5.2 wĭĭv_ĭ Kiv t_ĭK cĀB Z_

cĭkĀ 1 msev`cĀĭ AĭbK mgq gĭĀYi tĭĭĭĭ fĭj evK` I evbĭb Qivc nq/

DĒi	Qvĭ			Qvĭx			tĭgU		
	msL`v	%	cĭqU	msL`v	%	cĭqU	msL`v	%	cĭqU
cĭĭvcĭĭ GKgZ	9	36	45	10	40	50	19	38	95
GKgZ	12	48	48	7	28	28	19	38	76
wĭĭcĭĭ	2	8	6	3	12	9	5	10	15
GKgZ bB	2	8	4	2	8	4	4	8	8
tĭgĭUI GKgZ bB	0	0	0	3	12	3	3	6	3
tĭgU	25	100	103	25	100	94	50	100	197

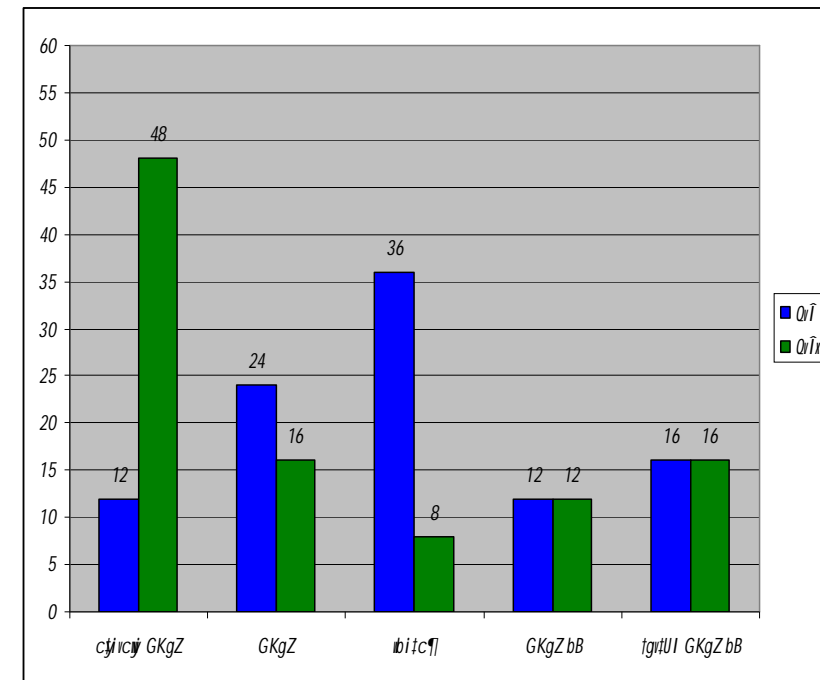


msev`cĀĭ AĭbK mgq gĭĀYi tĭĭĭĭĭ fĭj evK` I evbĭb Qivc nq, GB chĕĭĭtĭY t`Lv hĭq 36% Qvĭ I 40% Qvĭx cĭĭvcĭĭ GKgZ tĕvĭY Kĭi | Avevi t`Lv hĭq 48% Qvĭ I 28% Qvĭx GKgZ tĕvĭY Kĭi | Avevi cĭqĭUi Nĭi cĭĭvcĭĭ GKgZ tĕqĭQ 95 Ges GKgZ tĕqĭQ 76 |

mĭZivs Z_ wtkĀY t_ĭK GB wĭvĭtŠĭ DcbxZ nĭ qv hĭq th, msev`cĀĭ AĭbK mgq gĭĀYi tĭĭĭĭĭ fĭj evK` I evbĭb Qivc nq/

cĭkĀ 2 GKB msev`cĀĭ cĭgZ eisjv evbĭbĭ wĭbĕĭc j ĭ Kiv hĭq/

DĒi	Qvĭ			Qvĭx			tĭgU		
	msL`v	%	cĭqU	msL`v	%	cĭqU	msL`v	%	cĭqU
cĭĭvcĭĭ GKgZ	3	12	15	12	48	60	15	30	75
GKgZ	6	24	24	4	16	16	10	20	40
wĭĭcĭĭ	9	36	27	2	8	6	11	22	33
GKgZ bB	3	12	6	3	12	6	6	12	15
tĭgĭUI GKgZ bB	4	16	4	4	16	4	8	16	8
tĭgU	25	100	76	25	100	92	50	100	171

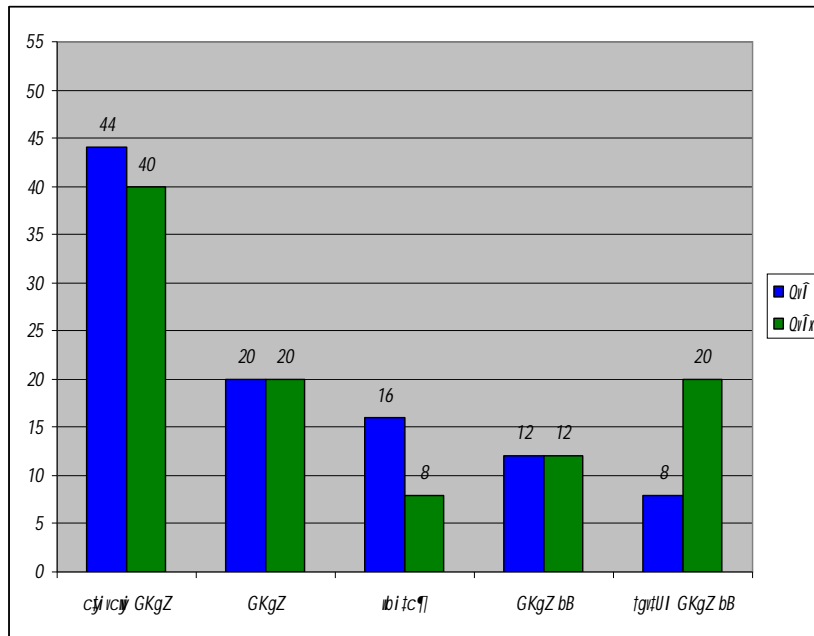


GKB msev`cĀĭ cĭgZ eisjv evbĭbĭ wĭbĕĭc j ĭ Kiv hĭq/ GB chĕĭĭtĭY t`Lv hĭq 12% Qvĭ Ges 48% Qvĭx cĭĭvcĭĭ GKgZ tĕvĭY Kĭi | Avevi t`Lv hĭq 24% Qvĭ Ges 16% Qvĭx GKgZ tĕvĭY Kĭi | wĭŠ` GtZ 36% Qvĭ wĭĭcĭĭZv eRĭq tiĭLwĭj | cĭqĭUi tĭĭĭĭĭ t`Lv hĭq th, cĭĭvcĭĭ GKgZ tĕqĭQ 75 Ges GKgZ tĕqĭQ 40 |

mZivs G t_kK mmxvtsiDcbxZ nI qv hvq th, GKB msev`cTl` ckgZ evsj v eivrtbi wfbwfc j qI Kiv hvq |

cikæ 3 wfbwfbwfcwI Kvi eivrtbi wfbwfc wkqIv_æ` i weãvsiKti |

DEi	QvI			QvIx			tgvU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cji vcyj GKgZ	11	44	55	10	40	50	21	42	105
GKgZ	5	20	20	5	20	20	10	20	40
wbi tcqI	4	16	12	2	8	6	6	12	18
GKgZ bB	3	12	6	3	12	6	6	12	12
tgvUI GKgZ bB	2	8	2	5	20	5	7	17	7
tgvU	25	100	95	25	100	87	50	103	182

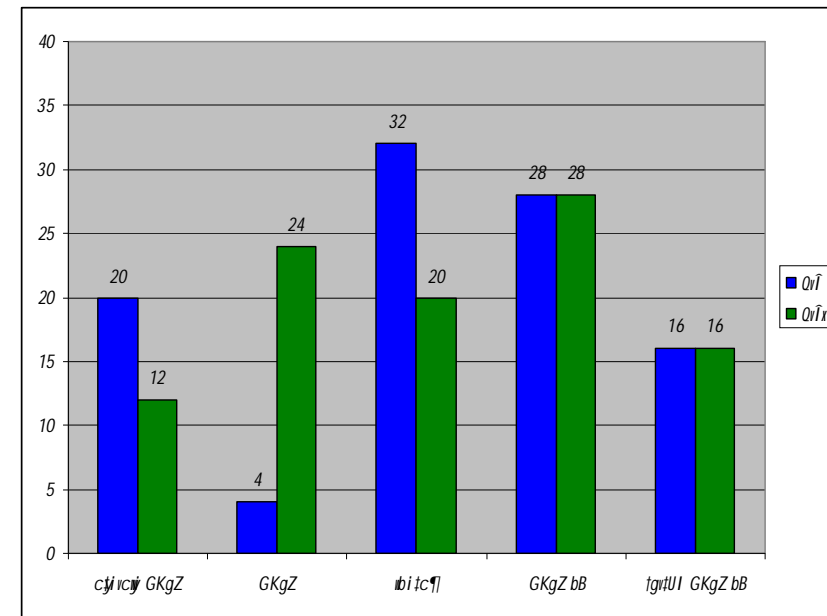


wfbwfbwfcwI Kvi eivrtbi wfbwfc wkqIv_æ` i weãvsi Kti, GB chæe qI tY t`Lv hvq 44% QvI I 40% QvIx cji vcyj GKgZ tcvIY Kti | Avevi t`Lv hvq 20% QvI I 20% QvIx GKgZ tcvIY Kti | ctqUUi Nti t`Lv hvq th, cji vcyj GKgZ tctqtQ 105 Ges GKgZ 40 ctqU |

mZivs G t_kK G mmxvtsiDcbxZ nI qv hvq th, wfbwfbwfcwI Kvi eivrtbi wfbwfc wkqIv_æ` i weãvsi Kti |

cikæ 4 msev`cTl` 0 w 0 Kvi I 0 x 0 Kvi-Gi e`envi h_vh_fite ntq_vtK bv |

DEi	QvI			QvIx			tgvU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cji vcyj GKgZ	5	20	25	3	12	15	8	16	40
GKgZ	1	4	4	6	24	24	7	14	28
wbi tcqI	8	32	24	5	20	15	13	26	39
GKgZ bB	7	28	14	7	28	14	14	28	28
tgvUI GKgZ bB	4	16	4	4	16	4	8	16	8
tgvU	25	100	71	25	100	72	50	100	143

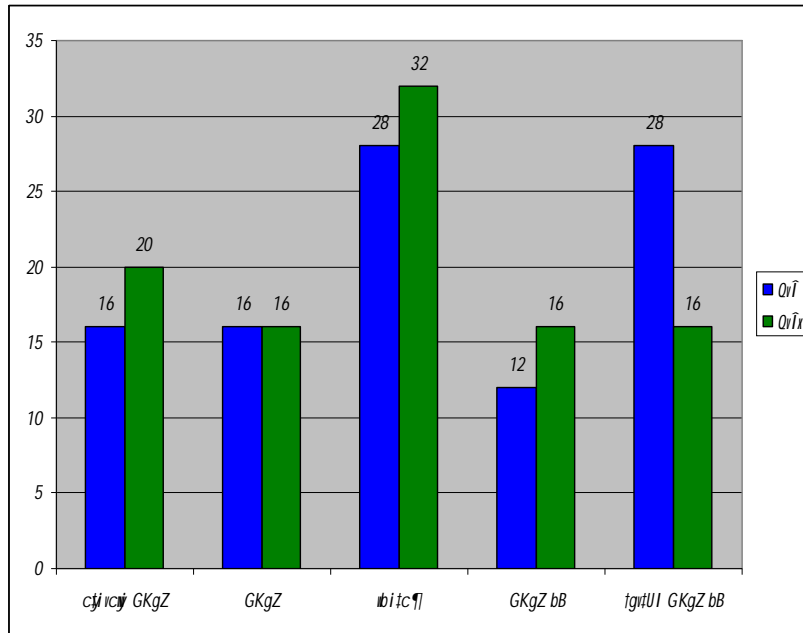


wbK msev`cTl` t_j vtZ 0 w 0 Kvi Ges 0 x 0 Kvi Gi e`envi h_vh_fite ntq_vtK bvN Gi chæe qI tY t`Lv hvq th, 20% QvI Ges 12% QvIx cji vcyj GKgZ tcvIY Kti mQj | Avevi 4% QvI 24% QvIx i ay GKgZ tcvIY Kti | ctqUUi t`I t`Lv hvq th cji vcyj GKgZ tctqtQ 40 ctqU Ges GKgZ tctqtQ 28 | wKs` GLvrb 32% QvI Ges 20% QvIx wbi tcqI mQj |

mZivs G t_kK GB mmxvtsiAvm hvq th, cwI Kvmgæn 0 w 0 Kvi Ges 0 x 0 Kvi-Gi e`envi h_vh_fite nq bv |

çkæ 5 mKj msev`cĤĪ h djv (°) Gi e`envi h_vh_fvĤe Dc`vcb Kivnq|

DĒi	QvĪ			QvĪx			tgvU		
	msL`v	%	çtqU	msL`v	%	çtqU	msL`v	%	çtqU
çjivcġ GKgZ	4	16	20	5	20	25	9	18	45
GKgZ	4	16	16	4	16	16	8	16	32
ıbitcġ	7	28	21	8	32	24	15	30	45
GKgZ bB	3	12	6	4	16	8	7	14	14
tgvU GKgZ bB	7	28	7	4	16	4	11	22	11
tgvU	25	100	70	25	100	77	50	100	147

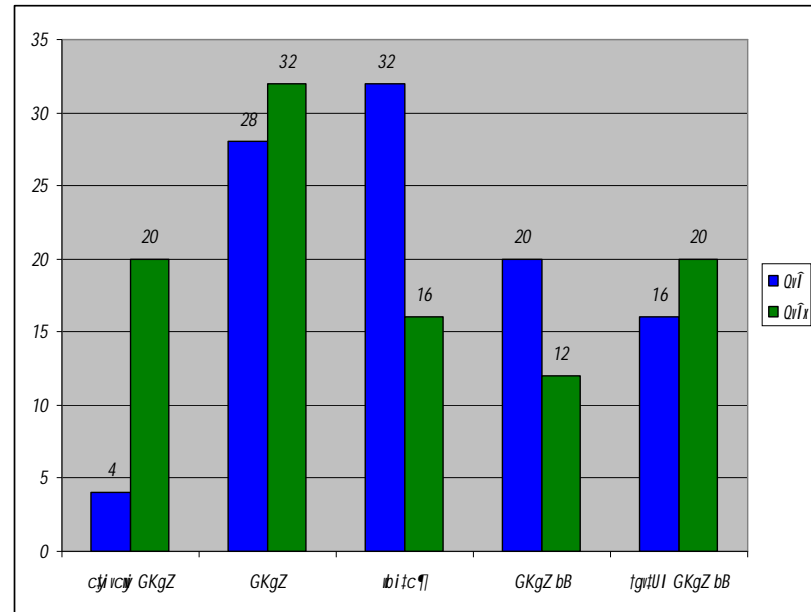


mKj msev`cĤĪ h-djv (°) e`envi Kiv nq Gi çĤeġġtY t`Lv hıq th, 16% QvĪ Ges 20% QvĪx çjivcġ GKgZ tcvLY KġitQ| Averi 16% QvĪ Ges 16% QvĪx GKgZ tcvLY KġitQ| çtqUı Nġi t`Lv hıq th, çjivcġ GKgZ tçtqQ 45 Ges GKgZ tçtqQ 32|

mZıvs G t`ĤK G ıııxıġıDcbıZ nı qv hıq th mKj msev`cĤĪ h djv (°) h_vh_fvĤe e`envi Kiv nq|

çkæ 6 mKj msev`cĤĪ (°) tid Gi e`envi h_vh_fvĤe Kivnq|

DĒi	QvĪ			QvĪx			tgvU		
	msL`v	%	çtqU	msL`v	%	çtqU	msL`v	%	çtqU
çjivcġ GKgZ	1	4	5	5	20	25	6	12	30
GKgZ	7	28	28	8	32	32	15	30	60
ıbitcġ	8	32	24	4	16	12	12	24	36
GKgZ bB	5	20	10	3	12	6	8	16	16
tgvU GKgZ bB	4	16	4	5	20	5	9	18	9
tgvU	25	100	71	25	100	80	50	100	151

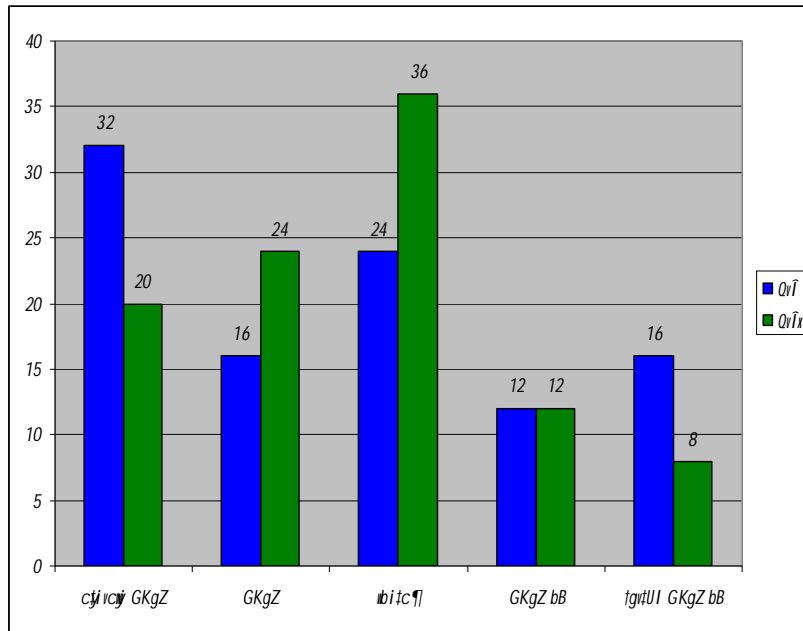


mKj msev`cĤĪ (°) tid Gi e`envi h_vh_fvĤe Kiv nq GtZ t`Lv hıq th, 40% QvĪ Ges 20% QvĪx çjivcġ GKgZ tcvLY KġitQ| Averi 28% QvĪ Ges 32% QvĪx GKgZ tcvLY KġitQ| çtqUı tġġġ t`Lv hıq th, çjivcġ GKgZ tçtqQ 30 | GKgZ tçtqQ 60|

cĖB Z` t`ĤK G ıııxıġıDcbıZ nı qv hıq th, mKj cıĪKıq tid (°) Gi e`envi h_vh_fvĤe Dc`vcb Kiv nq|

clæ 7 msev`cŕĪ hŷetYŲ e`envi cv`cyĶ Abynti h_vh_fite Kivnq/

DĒi	QvĪ			QvĪx			tġU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cŷivcyĶ GKgZ	8	32	40	5	20	25	13	26	65
GKgZ	4	16	16	6	24	24	10	20	40
ıbiŕcŕĪ	6	24	18	9	36	27	15	30	45
GKgZ bB	3	12	6	3	12	6	6	12	12
tġvŕUĪ GKgZ bB	4	16	4	2	8	2	6	12	6
tġU	25	100	84	25	100	84	50	100	168

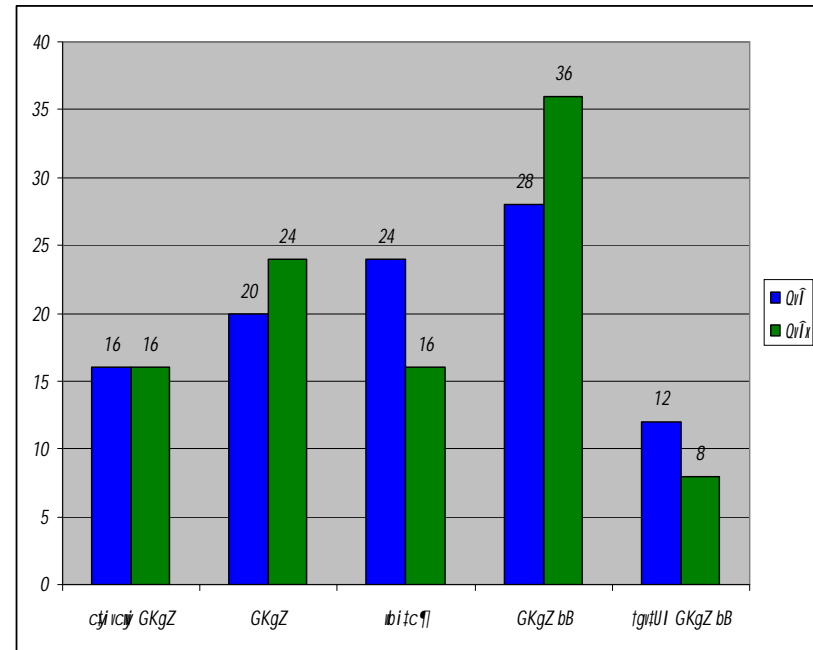


msev`cŕĪ hŷetYŲ e`envi cv`cyĶ Abynti h_vh_fite Kiv nq Gi chŕeŕĪŷ t`Lv hvq th, 32% QvĪ Ges 20% QvĪx cŷivcyĶ GKgZ tcvLY Kŕi | Avevi 16% QvĪ 24% QvĪx GKgZ tcvLY Kŕi | ıKŠ` GŕZ 24% QvĪ 36% QvĪx ıbiŕcŕĪ ıQj | ctqŕUi tŕĪŕĪ cŷivcyĶ GKgZ tctqŕQ 65 Ges GKgZ tctqŕQ 40 |

mŷZivS cŭB Z` t`ŕĶ G ıııxŕŕŕŕDcbxZ nı qv hvq msev`cŕĪ hŷetYŲ e`envi cv`cyĶ Abynti h_vh_fite Kiv nq |

clæ 8 msev`cŕĪ ıet`ıK kŕĪi evbŕŕbi ıfbŕŕc j`ŕĪ Kiv hvq/

DĒi	QvĪ			QvĪx			tġU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cŷivcyĶ GKgZ	4	16	20	4	16	20	8	16	40
GKgZ	5	20	20	6	24	24	11	22	44
ıbiŕcŕĪ	6	24	18	4	16	12	10	20	30
GKgZ bB	7	28	14	9	36	18	16	32	32
tġvŕUĪ GKgZ bB	3	12	3	2	8	2	5	10	5
tġU	25	100	75	25	100	76	50	100	151

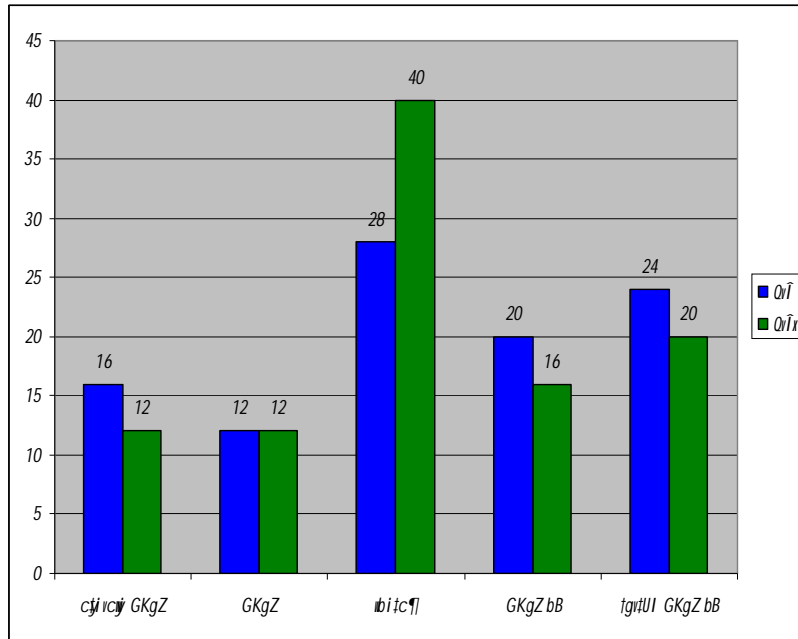


msev`cŕĪ ıet`ıK kŕĪi evbŕŕbi ıfbŕŕc j`ŕĪ Kiv hvq Gi ıetkŕŕŷ t`Lv hvq th, 16% QvĪ Ges 16% QvĪx cŷivcyĶ GKgZ tcvLY Kŕi Avevi 20% QvĪ Ges 24% QvĪx GKgZ tcvLY Kŕi | ctqŕUi tŕĪŕĪ cŷivcyĶ GKgZ tctqŕQ 40 Ges GKgZ tctqŕQ 44 |

G t`ŕĶ G ıııxŕŕŕŕDcbxZ nı qv hvq th, msev`cŕĪ ıet`ıK kŕĪi evbŕŕbi ıfbŕŕc j`ŕĪ Kiv hvq |

Ճ՛ԿԵ 9 msev`c`f`I k/l/m Gi e`envi wKgtZv Kiv nq br/

D`Ei	Qv`I			Qv`I x			tgvU		
	msL`v	%	c`tqU	msL`v	%	c`tqU	msL`v	%	c`tqU
c`jivc`j GKgZ	4	16	20	3	12	15	7	14	35
GKgZ	3	12	12	3	12	12	6	12	24
wbitc`f`I	7	28	21	10	40	30	17	34	51
GKgZ bB	5	20	10	4	16	8	9	18	18
tgrtUI GKgZ bB	6	24	6	5	20	5	11	22	11
tgvU	25	100	69	25	100	70	50	100	139

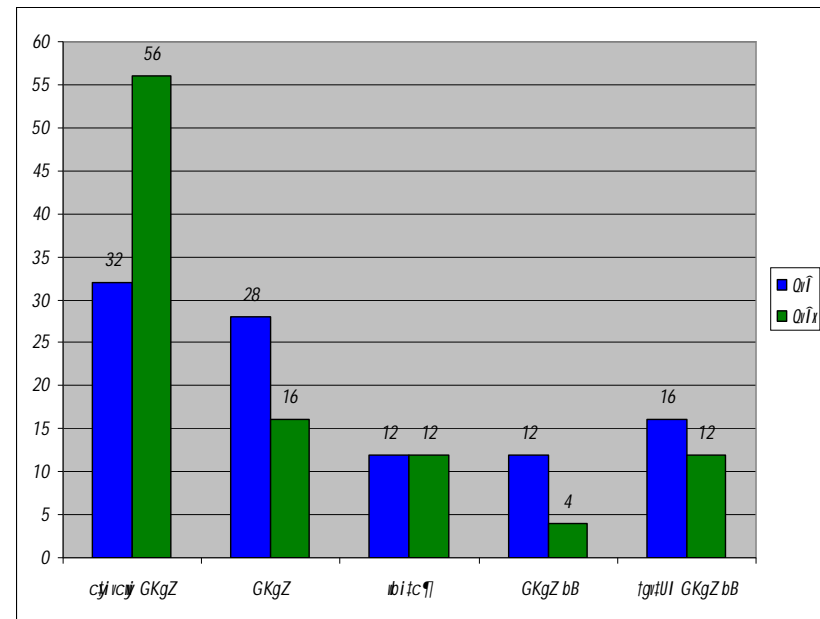


mKj msev`c`f`I k/l/m Gi e`envi wKgtZv Kiv nq br Gi ch`e`f`Iy t`Lv hvq th, 16% Qv`I Ges 12% Qv`I x c`jivc`j GKgZ tcvIY Kti | Avevi 20% Qv`I Ges 16% Qv`I x Gi mvt` GKgZ tcvIY Ktiwb | wKs` GtZ Avevi 28% Qv`I Ges 40% Qv`I x wbitc`f`I wQj | c`tq`Ui t`f`I c`jivc`j GKgZ 35 Avi GKgZ bB 18 |

mz`ivs c`BZ` t`tK ejv hvq th, msev`c`f`I k/l/m Gi e`envi wKgtZv Kiv nq br/

Ճ՛ԿԵ 10 msev`c`f`I c`gZ esjvi c`qum wltq mKj cw`I Kvi GKw Awf`bwbwZ`_vKv c`qvrB/

D`Ei	Qv`I			Qv`I x			tgvU		
	msL`v	%	c`tqU	msL`v	%	c`tqU	msL`v	%	c`tqU
c`jivc`j GKgZ	8	32	40	14	56	70	22	44	110
GKgZ	7	28	28	4	16	16	11	22	44
wbitc`f`I	3	12	9	3	12	9	6	12	18
GKgZ bB	3	12	6	1	4	2	4	8	8
tgrtUI GKgZ bB	4	16	4	3	12	3	7	14	7
tgvU	25	100	87	25	100	100	50	100	187

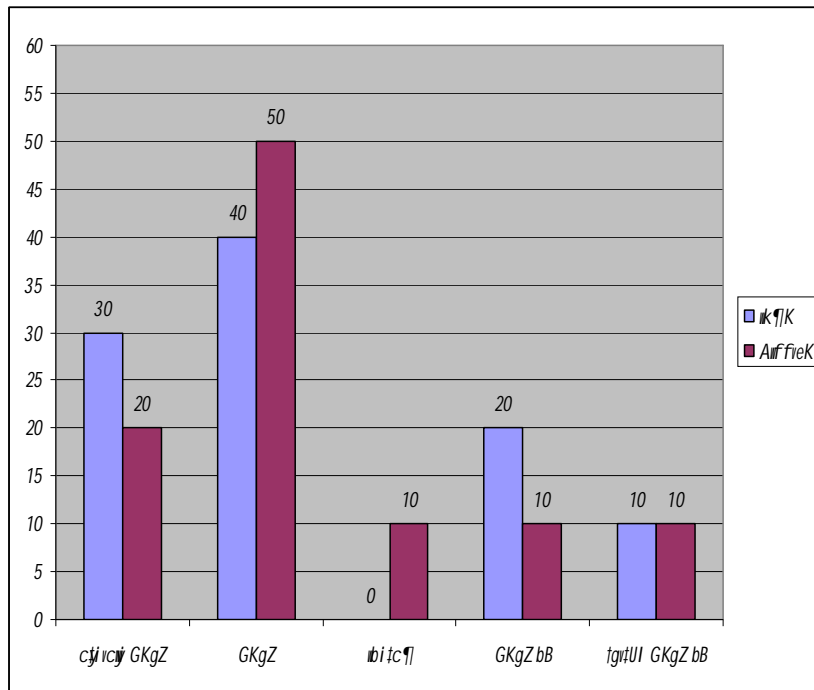


esjv fvlvi t`t`msev`c`f`I c`gZ esjvi c`qum wltq mKj cw`I Kvi GKw Awf`bwbwZ`_vKv c`qvrB GB ch`e`f`Iy t`Lv hvq th, 32% Qv`I Ges 56% Qv`I x c`jivc`j GKgZ tcvIY Kti`tQ | Avevi 28% Qv`I Ges 16% Qv`I x GKgZ tcvIY KitiQ | c`tq`Ui Nti t`Lv hvq c`jivc`j GKgZ tctq`tQ 110 Ges GKgZ tctq`tQ 44 |

c`B Z` t`tK GB wv`t`s`DcbwZ` nI qv hvq th, msev`c`f`I c`gZ esjvi c`qum wltq mKj cw`I Kvi GKw Awf`bwbwZ`_vKv c`qvrB/

ცხე 3 უბნუბნუი Kvi ებუბი უბიეც უკუი_ი i ეავსი Kti |

DĒi	უკუი			AuffieK			იგუ		
	msL'v	%	ctqU	msL'v	%	ctqU	msL'v	%	ctqU
ctjivcuj GKgZ	3	30	15	2	20	10	5	25	25
GKgZ	4	40	16	5	50	20	9	45	36
ubi'c'q	0	0	0	1	10	3	1	5	3
GKgZ bB	2	20	4	1	10	2	3	15	6
igtui GKgZ bB	1	10	1	1	10	1	2	10	2
იგუ	10	100	36	10	100	36	20	100	72

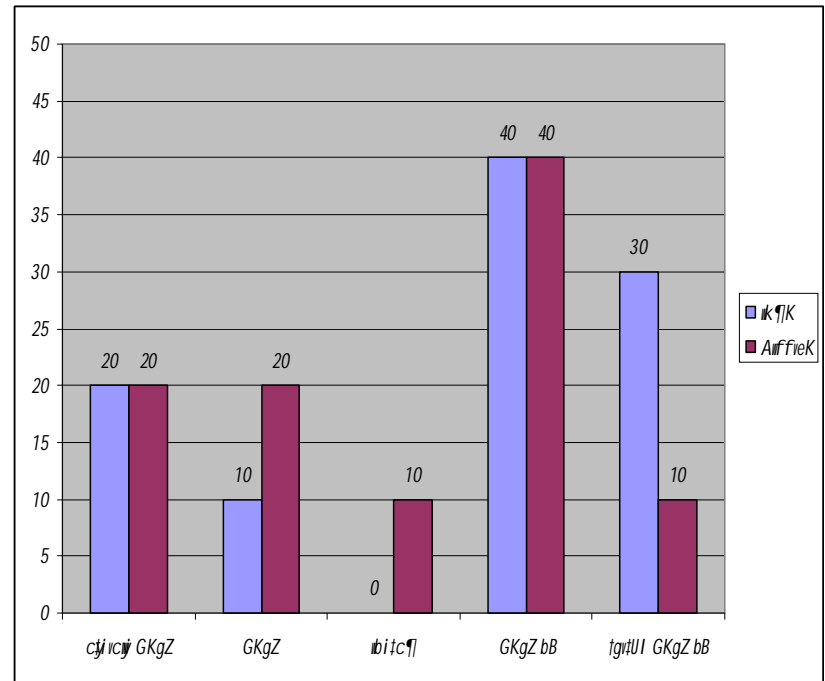


უბნუბნუი Kvi ებუბი უბიეც უკუი_ი i ეავსი Kti Gi ch'e'q'iy t'Lv hvq th, 30% უკუი Ges 20% AuffieK ctjivcuj GKgZ tcvly Kti Aciw'k 40% უკუი Ges 50% AuffieK GKgZ tcvly Kti | ctq'ui t'q'it t'Lv hvq th, ctjivcuj GKgZ tctq'0 25 Ges GKgZ 36 |

c'0B Z'' მეტო'iy G m'x'is' Dcbiz n'lv hvq th, უბნუბნუი Kvi ებუბი უბიეც უკუი_ი i ეავსი Kti |

ცხე 4 მსე'ct' ōw'0 Kvi I ōx'0 Kvi-Gi e'envi h_vh_fite n'q_v'k bv |

DĒi	უკუი			AuffieK			იგუ		
	msL'v	%	ctqU	msL'v	%	ctqU	msL'v	%	ctqU
ctjivcuj GKgZ	2	20	10	2	20	10	10	20	20
GKgZ	1	10	4	2	20	8	3	15	12
ubi'c'q	0	0	0	1	10	3	1	5	3
GKgZ bB	4	40	8	4	40	8	8	40	16
igtui GKgZ bB	3	30	3	1	10	1	4	20	4
იგუ	10	100	25	10	100	30	26	100	55

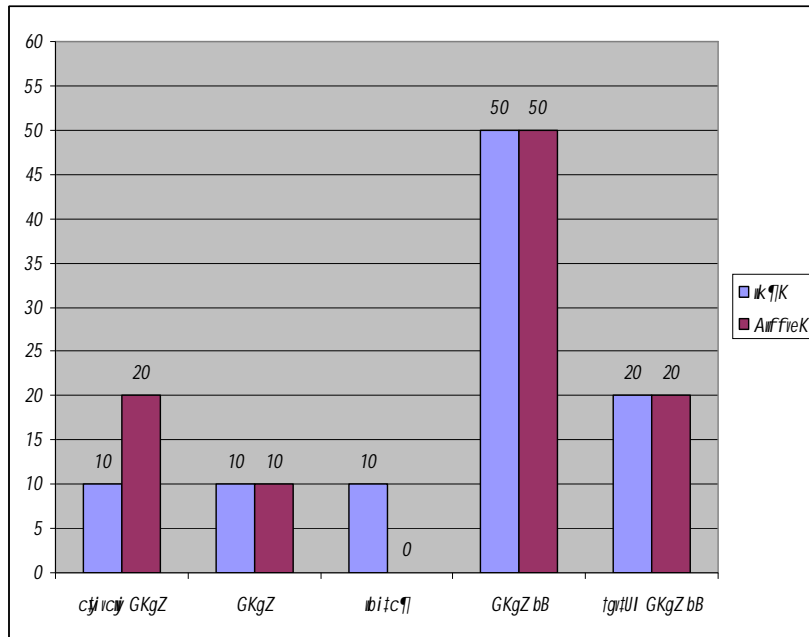


მსე'ct' ōw'0 Kvi I ōx'0 Kvi Gi e'envi h_vh_fite n'q_v'k bv Gi ch'e'q'iy t'Lv hvq th, 20% უკუი I 20% AuffieK ctjivcuj GKgZ tcvly Kti t'q' | Averi 40% უკუი I 40% AuffieK GKgZ bB g'zigZ w'iq'ob | ctq'ui t'q'it ctjivcuj GKgZ tctq'0 20 Avi GKgZ bB 16 |

M'tel Yvi c'0B Z'' მეტო'iy t'Lv hvq th, მსე'ct' ōw'0 Kvi Ges ōx'0 Kvi-Gi e'envi h_vh_fite n'q_v'k bv |

cġka 5 mKj msev`cġġ h djv () Gi e`envi h_vh_fiġe Dc`icb Kivnq/

DĒi	iġġġK			AiffiġeK			iġu		
	msL`v	%	cġqU	msL`v	%	cġqU	msL`v	%	cġqU
cġivcġġ GKgZ	1	10	5	2	20	10	3	15	15
GKgZ	1	10	4	1	10	4	2	10	8
ibitcġġ	1	10	3	0	0	0	1	5	3
GKgZ bB	5	50	10	5	50	10	10	50	20
iġvġUI GKgZ bB	2	20	2	2	20	2	4	20	4
iġu	10	100	24	10	100	26	20	100	50

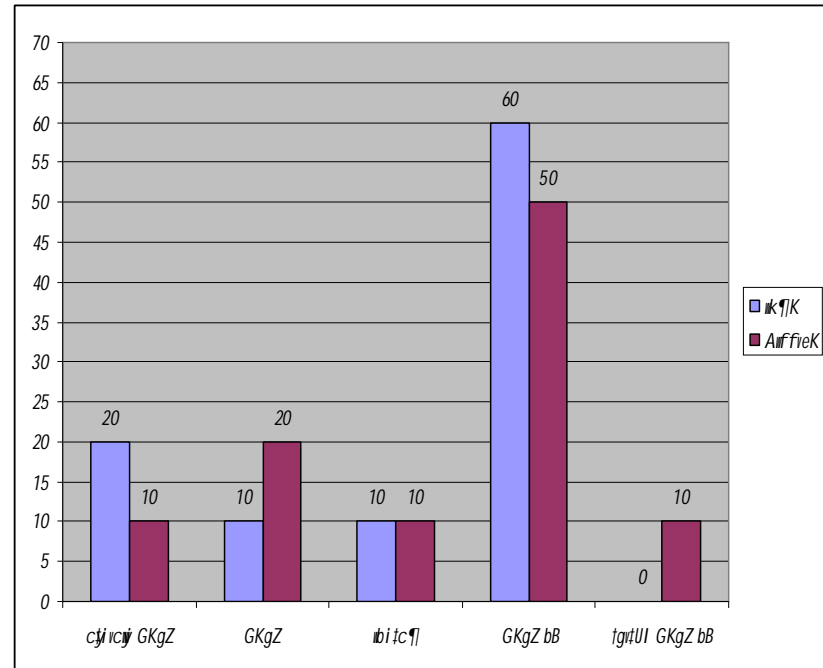


mKj msev`cġġ h-djv () Gi e`envi h_vh_fiġe Dc`icb Kivnq Gi chġeġġiY t`Lv hġq th, 10% iġġġK Ges 20% AiffiġeK cġivcġġ GKgZ tġvġY KtiġQ/ Avevi 50% iġġġK Ges 50% AiffiġeK GKgZ bB gZvġZ iġtqġ Avevi cġqġUi Nti t`Lv hġq th, cġivcġġ GKgZ tġtqġ 15 Avi GKgZ bB tġtqġ 20/

cġB Z`" meġkġiY ejv hġq th, mKj msev`cġġ h djv () Gi e`envi h_vh_fiġe Dc`icb Kivnq bvl

cġka 6 mKj msev`cġġ () Gi e`envi h_vh_fiġe Kivnq/

DĒi	iġġġK			AiffiġeK			iġu		
	msL`v	%	cġqU	msL`v	%	cġqU	msL`v	%	cġqU
cġivcġġ GKgZ	2	20	10	1	10	5	3	15	15
GKgZ	1	10	4	2	20	8	3	15	12
ibitcġġ	1	10	3	1	10	3	2	10	6
GKgZ bB	6	60	12	5	50	10	11	55	22
iġvġUI GKgZ bB	0	0	0	1	10	1	1	5	1
iġu	10	100	29	10	100	27	20	100	56

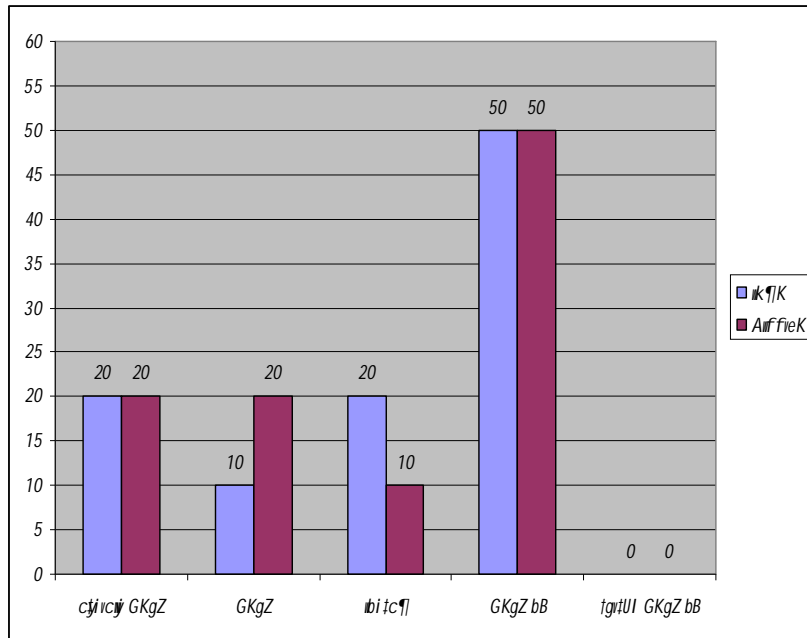


mKj msev`cġġ tid () Gi e`envi h_vh_fiġe Kivnq Gi chġeġġiY t`Lv hġq th, 20% iġġġK Ges 10% AiffiġeK cġivcġġ GKgZ tġvġY Kti b/ cġqġUi Nti t`Lv hġq th, cġivcġġ GKgZ tġtqġ 15 Avi GKgZ bB cġqġ 22/

MġelYvi cġB Z`" meġkġiY ejv hġq th, mKj msev`cġġ tid () Gi e`envi iġKġZv Kivnq bvl

čikæ 7 msev`cŕĭ hŷeŕYŦ e`enni cW`cyĶ Abynti h_vh_fvte Kiv nq|

DĚi	ĭkŕĶK			Aıffviek			tgvU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cŷivcyj GKgZ	2	20	10	2	20	10	4	20	20
GKgZ	1	10	4	2	20	8	3	15	12
ıbi`tcŕĶ	2	20	6	1	10	3	3	15	9
GKgZ bB	5	50	10	5	50	10	10	50	20
tgvŕUI GKgZ bB	0	0	0	0	0	0	0	0	0
tgvU	10	100	30	10	100	31	20	100	61

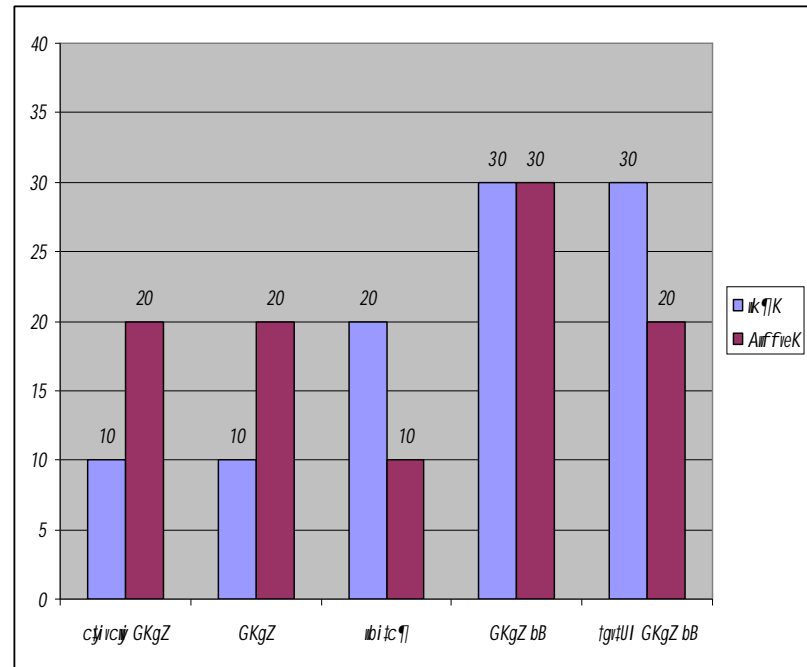


msev`cŕĭ hŷeŕYŦ e`enni cW`cyĶ Abynti h_vh_fvte Kiv nq Gi chŕeŕŕŷY Ŧ`Lv hvq th, 20% ĭkŕĶK Ges 20% Aıffviek cŷivcyj GKgZ tcvLY Kŕi Averi 50% ĭkŕĶK Ges 50% Aıffviek GKgZ bB gZvgZ tcvLY Kŕi | ctqŕUi Nŕi Ŧ`Lv hvq th, cŷivcyj GKgZ tctqŕ 20 Ges GKgZ bB 20|

mZivs, cŭB Z`i veŦkŕŕŷY ejv hvq th, msev`cŕĭ hŷeŕYŦ e`enni cW`cyĶ Abynti h_vh_fvte Kiv nq|

čikæ 8 msev`cŕĭ veŦ`ĭk kŕäi eıvŕŕbi vfbieŕc j ŕĶ Kiv hvq|

DĚi	ĭkŕĶK			Aıffviek			tgvU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cŷivcyj GKgZ	1	10	5	2	20	10	3	15	15
GKgZ	1	10	4	2	20	8	3	15	12
ıbi`tcŕĶ	2	20	6	1	10	3	3	15	9
GKgZ bB	3	30	6	3	30	6	6	30	12
tgvŕUI GKgZ bB	3	30	3	2	20	2	5	25	5
tgvU	10	100	24	10	100	29	20	100	53

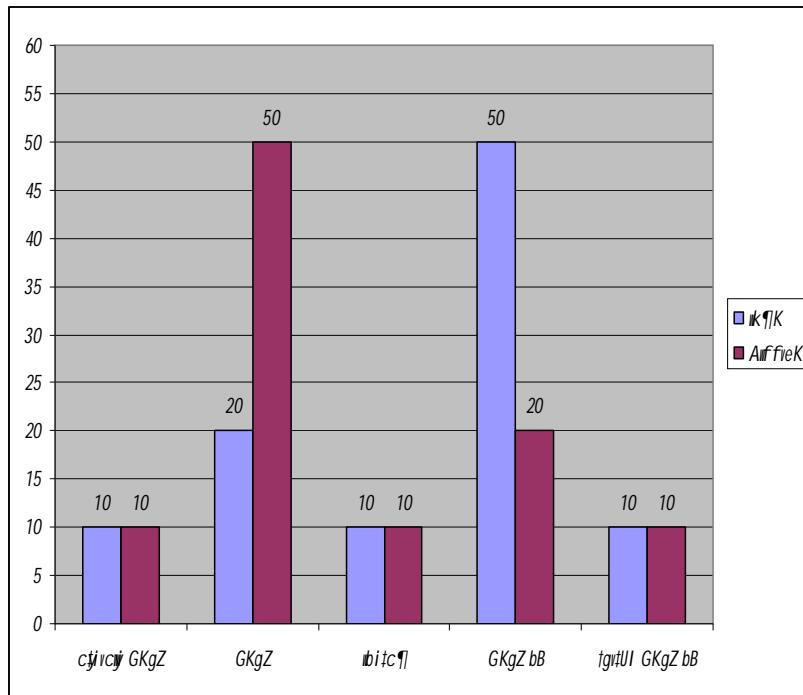


msev`cŕĭ veŦ`ĭk kŕäi eıvŕŕbi vfbieŕc j ŕĶ Kiv hvq Gi chŕeŕŕŷY Ŧ`Lv hvq th, 10% ĭkŕĶK Ges 20% Aıffviek cŷivcyj GKgZ tcvLY Kŕi Averi 30% ĭkŕĶK Ges 30% Aıffviek GKgZ bB gZvgZ tcvLY Kŕi | ctqŕUi tŕŕŕŕ Ŧ`Lv hvq th, cŷivcyj GKgZ tctqŕ 15 Ges GKgZ bB tctqŕ 12|

cŭB Zŕ`i veŦkŕŕŷY ejv hvq th, msev`cŕĭ veŦ`ĭk kŕäi eıvŕŕbi vfbieŕc j ŕĶ Kiv hvq|

clæ 9 msev`cŕĪ k/l/m Gi e`envi wKgtZv Kiv nq bv/

DĒi	ġġK			AfffieK			tġU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cġivcġ GKgZ	1	10	5	1	10	5	2	10	10
GKgZ	2	20	8	5	50	20	7	35	28
wbi`tcġ	1	10	3	1	10	3	2	10	6
GKgZ bB	5	50	20	2	20	4	7	35	24
tġitUI GKgZ bB	1	10	1	1	10	1	2	10	2
tġU	10	100	37	10	100	33	20	100	70

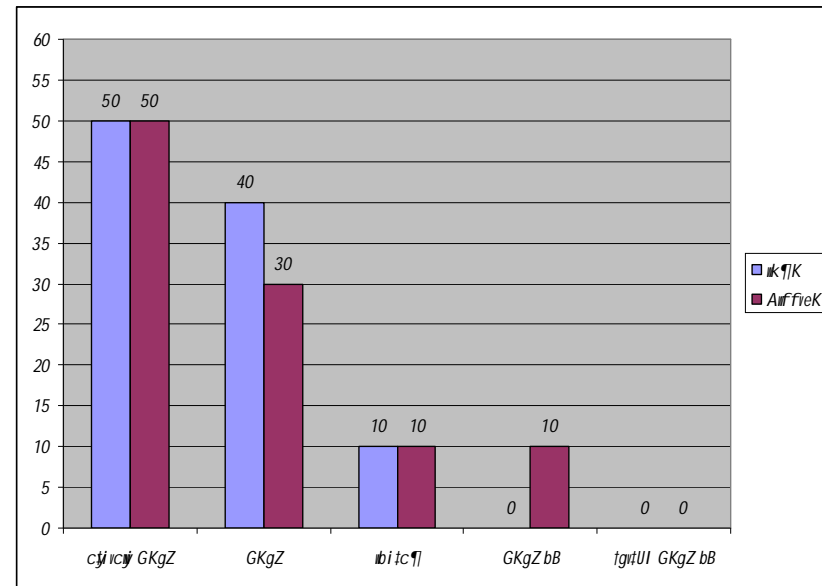


msev`cŕĪ k/l/m Gi e`envi wKgtZv Kiv nq bv Gi chġeġġY t`Lv hġ th, 10% ġġK Ges 10% AfffieK cġivcġ GKgZ tcvlY Kġi| Avevi 20% ġġK Ges 50% AfffieK GKgZ tcvlY KġitQ| ctqtUi Nġi t`Lv hġ th cġivcġ GKgZ tctqtQ 10 Ges GKgZ tctqtQ 28|

MġelYvi cġB Z`" wġkġġY ejv hġ th, msev`cŕĪ k/l/m Gi e`envi wKgtZv Kiv nq bv/

clæ 10 msev`cŕĪ cġZ evsjvi cġqM wġtq mKj msev`cŕĪi GKw AfffieK bwiZ`vKv cġqRb/

DĒi	ġġK			AfffieK			tġU		
	msL`v	%	ctqU	msL`v	%	ctqU	msL`v	%	ctqU
cġivcġ GKgZ	5	50	25	5	50	25	10	50	50
GKgZ	4	40	16	3	30	12	7	35	28
wbi`tcġ	1	10	3	1	10	3	2	10	6
GKgZ bB	0	0	0	1	10	2	1	5	2
tġitUI GKgZ bB	0	0	0	0	0	0	0	0	0
tġU	10	100	44	10	100	42	20	100	86



evsjv fvlvi `ġ`msev`cŕĪ cġZ evsjvi cġqM wġtq mKj msev`cŕĪi GKw AfffieK bwiZ`vKv cġqRb Gi chġeġġY t`Lv hġ th, 50% ġġK Ges 50% AfffieK cġivcġ GKgZ tcvlY Kġi b| Avevi 40% ġġK Ges 30% AfffieK GKgZ tcvlY Kġi b| ctqtUi Nġi t`Lv hġ th, cġivcġ GKgZ 50 Ges GKgZ 28|

MġelYvq cġB Z`" wġkġġY Kġi GB wvġšġ DcbxZ nI qv hġ th, evsjv fvlvi `ġ`msev`cŕĪ cġZ evsjvi cġqM wġtq mKj msev`cŕĪi GKw AfffieK bwiZ`vKv cġqRb/

5.4 m^uv`Kgdjx Ges msev`c^ti evbiv ve^tkIÁ^t`i (miv^yvrKvi M^htYi gva`tg) KⁱQ t_#K c^uB DciÉ

msev`c^ti c^ugZ evsjvi c^uq^m wel^tq msev`c^ti m^uv`Kgdjx Ges evbiv ve^tkIÁ^t`i miv^yvrKvi M^htYi gva`tg A**tb**K_iaZcY^gZvZ I#V G**tm**tQ| m^uv`Kgdjx msev`c^ti msev` Dc`vc**tb**i Ab`Zg c^uvb nwiZqvi fvlwel^tq mte@P_iaZ; Av**iv**c K**ti**tQb| t**K**bbv msev`c^ti cv**V**K mivmvi fvlvi m^t_msi**k**o|`úoZB msev`c^ti m^t_MYgvb**jt**i thvM**th**vM fvlv w`^tq| A**tb**K mgq msev`c^ti f**z** evbiv, Am^uY^oI 0`_f**eva**K evK` Qvci n**t**q_v**tk**| hv cv**V**K**tk** Zvi fvlv**ev**tai RvqMvq we**av**sⁱ K**ti**| d**tj** cv**V**K c^ugZ evsjvi f**z** c^uq**vt**M cvi`k**pn**tq I#V| miv^uWZK mg**t**q msev`c^ti evsjv fvlvi c^ugZ i**ft**ci e`envi, k**t**ai Ai x c^uq**m**, Ac^uq**v**R**tb** we**t**`**uk** k**a**-**u**g**uk**Z evK`M**V**b, A**wa**K n**vt**i k**t**ai Av**A**vj**K** i**ft**ci e`envi, mij ev**tk**`i t**p**tq`**n**oI R**u**Uj ev**tk**`i e`envi, **u**q**ic**`-**we**er**Z** evK`M**V**b, f**jt** evbiv c^uq**vt**Mi`**ft**c we**tk**Y Ges gvZfvlvi c^uZ`vqexZv wel^tq m**p**ZbZv`Zvi K**it**Z msev`c^ti c^ugZ evsjv fvlvi e`envi wel^tq msev`c^ti m^uv`Kgdjx Ges evbiv ve^tkIÁ^t`i m^t_miv^yvrK**vt**i gva`tg we`**l**vi Z Av**tj**v**P**bv n**t**q**t**Q| thL**vt**b we**K**i evbiv**bi** m^uvebv K**u**g**t**q GK**u**U me**R**biv evbiv**iw**Z c^uq**vt**bi c^uZ_iaZ; Av**iv**c Kiv nq| cv**ic**vb Ab**u**Z**ej**z^u fvlv K**u**g**kb** M**V**b K**ti** Zv K**ih**R**ti**i K_vl Av**tj**v**P**Z n**t**q**t**Q| cieZ**u**Aa`^uq miv^yvrKv**im** miv**u**W**K** d**jt** d**jt** m**st**y**tc** Dc`**vc**b Kiv n**t**q**t**Q|

Ió Aa`uq

Mte**lYv t_#K c^uB Z^u`i Av**tj**v**P**bv I c^ulebv**

6.1 figKv

th-t**K**vtv M**te**lYvi D**tj**L**th**vM` w`K n**tj**v Zvi d**jt** d**jt**| t**K**bbv Gi g**ta**`B M**te**lY**u**i g**jt**-m^u_R**Z**v **u**b**u**n**Z**| t**Z**g**u**b**f**ite GL**vt**b d**jt** d**jt** t_#K c^uB g**jt**-w**el**q_ **tj**v Av**tj**v**P**bv Kiv n**tj**v|

6.2 uk^ul^u KⁱQ t_#K c^uB djt** d**jt****

- 1| A**wa**K**isk** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, msev`c^ti A**tb**K mgq g**yt**Yi t**ft** **ft** evK` I evbiv Qvci nq|
- 2| A**wa**K**isk** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, msev`c^ti c^ugZ evsjv evbiv**bi** w**f**b**ie**fc j **ft** Kiv hvq|
- 3| A**wa**K**isk** t**ft** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, w**f**b**ie**w**f**b**e** c**u**l**u** Kvi evbiv**bi** w**f**b**ie**fc uk^ul^u_P`i we**av**sⁱK**ti**|
- 4| A**wa**K**isk** t**ft** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, msev`c^ti **u**u`**u** (B-Kvi) Ges **u**x`**u** (C-Kvi) Gi e`envi h_vh_f**ite** nq bv|
- 5| A**wa**K**isk** t**ft** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, me msev`c^ti h-d**jt**v (') Gi e`envi h_vh_f**ite** Dc`**vc**b Kiv nq|
- 6| A**wa**K**isk** t**ft** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, me msev`c^ti t**id** (o) Gi e`envi h_vh_f**ite** Dc`**vc**b Kiv nq|
- 7| A**wa**K**isk** t**ft** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, msev`c^ti h**ye**t**Y** e`envi cv`**cy**K Ab**u**v**ti** h_vh_f**ite** Dc`**vc**b Kiv nq|
- 8| A**wa**K**isk** t**ft** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, msev`c^ti we**t**`**uk** k**t**ai evbiv**bi** w**f**b**ie**fc j **ft** Kiv hvq|
- 9| m**K**j msev`c^ti k/l/m Gi e`envi w**K**g**t**Zv Kiv nq bv| A**wa**K**isk** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b|
- 10| A**wa**K**isk** uk^ul^u_P**G**K**g**Z t**cv**lY K**ti**b th, msev`c^ti c^ugZ evsjvi c^uq**vt**M wel^tq m**K**j msev`c^ti GK**u**U Av**f**b**ab**w**z**_v**K**v c^uq**vt**R**b**|

6.3 uk^ul^u I Avf**ieK**ti** i KⁱQ t_#K c^uB d**jt** d**jt****

- 1| msev`c^ti A**tb**K mgq g**yt**Yi t**ft** **ft** evK` I evbiv Qvci nq| A**wa**K**isk** uk^ul^u I Av**f**ieK**ti** GB gZ t**cv**lY K**ti**b|
- 2| A**wa**K**isk** uk^ul^u I Av**f**ieK**ti** gZ t**cv**lY K**ti**b th, G**K**B msev`c^ti c^ugZ evsjv evbiv**bi** w**f**b**ie**fc j **ft** Kiv hvq|
- 3| A**wa**K**isk** uk^ul^u I Av**f**ieK**ti** gZ t**cv**lY K**ti**b th, w**f**b**ie**w**f**b**ie**msev`c^ti evbiv**bi** w**f**b**ie**fc uk^ul^u_P`i g**ta**` we**av**sⁱ m**u**o K**it**Z cv**ti**|

- 4/ AwaKvsk uk¶K I Awffviek gZ tcvLY Ktib th, mser`c¶t Ow 0 Kvi Ges 0 x0 Kvi Gi e`enri h_vh_fvte nq br|
 - 5/ mKj mser`c¶t h djv (") Gi e`enri h_vh_fvte Dc`vcb Kiv nq br| AwaKvsk uk¶K I Awffviek GB gZ tcvLY Ktib|
 - 6/ AwaKvsk uk¶K I Awffviek gZ tcvLY Ktib th, mKj mser`c¶t ti d (9) Gi e`enri wKgtZv Kiv nq br|
 - 7/ AwaKvsk uk¶K I Awffviek gZ tcvLY Ktib th, mser`c¶t h¶et¶Y¶ e`enri cvW`cyK Abyn¶ti h_vh_fvte Kiv nq|
 - 8/ mser`c¶t w¶t`uk ktai evb¶tbi wfb¶e¶c j ¶ Kiv hvq| AwaKvsk uk¶K I Awffviek GB gZ tcvLY Ktib|
 - 9/ AwaKvsk uk¶K I Awffviek gZ tcvLY Ktib th, mser`c¶t k/l/m Gi e`enri wKgtZv Kiv nq br|
 - 10/ AwaKvsk uk¶K I Awffviek gZ tcvLY Ktib th, mser`c¶t c¶gZ evsjvi c¶qum w¶t¶q mKj mser`c¶ti GKiu AwffbabwZ_vKv c¶qvRb|
- 6.4 m¶uv K¶i (m¶¶¶rKvi M¶¶¶Yi gva`tg) Kv0 t_¶K c¶B Z¶i djvdj**
- 1/ mser`c¶t t_¶K c¶gZ evsjv fvlvi c¶qum I evbvb tkLvi m¶h¶M A¶bK|
 - 2/ c¶gZ evsjv fvlvi c¶qum I evb¶tbi t¶¶¶t mser`c¶ti fvgKv A¶bK|
 - 3/ t`tki uk¶¶vi ¶¶_GKiu meRbxb c¶gZ evbvb wZ_vKv c¶qvRb|
 - 4/ uk¶¶¶¶i c¶gZ evsjv fvlvi c¶qum I evbvb m¶PZbZvq mser`c¶ti fvgKv A¶bK|
 - 5/ G¶KK mser`c¶t G¶KK aitbi fvlwZ e`enri I evbvb wZ cv¶¶Ki gvtS we¶w¶¶i m¶¶ K¶i|
 - 6/ c¶ZwU mser`c¶tB i× evbvb uk¶y¶q fvgKv ivL¶Q|
 - 7/ mser`c¶t h_vh_c¶gZ evsjv fvlvi c¶qum I evbvb wZi Abyn¶Y GKiu mser`c¶ti cvVKw¶Zv¶K emot¶q t`q|
 - 8/ c¶gZ evsjv fvlvi c¶qum I evb¶tbi t¶¶¶t mser`c¶t ¶jvi Avil m¶PZb I hZevb nI qv c¶qvRb| weK¶i evb¶tbi m¶¶ebv Kwgt¶q h_vm¶e meRbxb evbvb wZ c¶qv Kiv Ri¶i|
 - 9/ bZb cwi fvlv¶K AwaK n¶ti c¶j¶bi Rb` mser`c¶t e`vcK fvgKv ivL¶Z cv¶i| G¶y¶¶t Aek`B mgjfcZv (uniformity) Avek`K|
 - 10/ mser`c¶ti gva`tg c¶gZ evsjv fvlvi c¶qum I evsjv evb¶tbi Avay¶KvKiY Kiv m¶e|
 - 11/ mser`c¶t ¶jvi D¶PZ mser`c¶t evsjv evb¶tbi mijxKiY K¶i Zv¶i gvtS HK` mivab Kiv thb mivavi Y cvVKmgvR we¶v¶¶v nq|

- 6.5 mser`c¶ti evbvb w¶t¶¶i (m¶¶¶rKvi M¶¶¶Yi gva`tg) Kv0 t_¶K c¶B gZvgZ**
- 1/ uk¶¶¶¶i mser`c¶t t_¶K c¶gZ evsjv fvlvi c¶qum I evbvb tkLvi m¶h¶M A¶bK|
 - 2/ mser`c¶t ¶jvi wfbawfbawevbivi wZ Abyn¶Y Kiv D¶PZ bq|
 - 3/ evsjv fvlvi Dbq¶K¶i mser`c¶t ¶jvi `wqZp¶B e`w³¶i w¶t¶¶i gvtS AvtjvPbv K¶i c¶gZ evsjvi c¶qum I evbvb wZ wK Kiv D¶PZ|
 - 4/ c¶gZ evsjv fvlvi e`enri `biv¶R¶i Kiv¶Y mser`c¶ti gvb Lvivc nq|
 - 5/ wfbawfbawmser`c¶ti wfbawfbawevbivi wZ cv¶¶Ki gvtS we¶w¶¶i m¶¶ K¶i|
 - 6/ c¶RvZ¶¶j fvlvi ¶¶_Awfbawevbivi wZ_vKv c¶qvRb|
 - 7/ GKB iv¶¶¶ w¶ c¶Z¶v¶bi c¶gZ evsjvi e`enri I evbvb wZ wfbawevbivi w¶t¶ mser`c¶ti mivRbxbZv KL¶bv i¶¶¶Z n¶e br|
 - 8/ mser`c¶ti t¶t¶q cvW`cy¶KB c¶w¶K t_¶K gva`w¶K ch¶¶qi uk¶¶¶¶i c¶gZ evsjv fvlvi c¶qum I evbvb tkLv mivqK|
 - 9/ mser`c¶t ¶jvi c¶gZ evsjv fvlvi e`enri I evsjv evb¶tbi t¶¶¶t Avil te¶k m¶PZbZv c¶qvRb|
 - 10/ mser`c¶t ¶jv bZb cwi fvlv c¶j¶b Aw¶Z¶¶fvgKv ivL¶Z n¶e| G¶y¶¶t mgjfcZv (uniformity) AZ`vek`K|
 - 11/ mser`c¶ti fvgKv¶K Avil ewj 0 Ki¶Z AvwZwej t¶¶¶fvl w¶t¶¶i Z_v fvlwe¶v¶¶i w¶t¶¶w¶t¶ n¶e|
 - 12/ mser`c¶ti evbvb wZi t¶¶¶t Aek`B th tKv¶bv GKiu c¶Z¶v¶bi c¶gZ evsjv evbvb wZ tg¶b Pj¶Z n¶e| GB t¶¶¶t evsjv GKv¶w¶gi fvgKv Aw¶¶¶¶|
 - 13/ mser`c¶t c¶gZ evsjvi e`enri h_vh_fvte br Kivi dtj cvVKmgvR Gi wejfc c¶Zw¶¶qv cwi¶j¶¶¶Z nq| Gi dtj cv¶¶Ki fvlv¶t¶¶i wfb¶e¶ nq boeto|
 - 14/ evsjv fvlvi c¶Z Ae¶v ev D¶cy¶v f¶j mser`c¶ti fvlvq weixZv Avbq¶b mK¶j i HK`ex c`tyc c¶qvRb|
 - 15/ i`aytde¶¶¶¶ gvtm bq ev¶iv gvmB gvZfvlv evsjvi i×Zv wbu¶Z Ki¶Z mser`c¶t ¶jvi mZK¶¶fvgKv ivL¶Z n¶e|
 - 16/ AvwZwej t¶¶¶GKiu fvlv Kwgkb MVb K¶i Zv kZfvm Kv¶Ri Ki¶Z n¶e|
- 6.6 M¶¶¶¶vi ch¶¶¶¶Y, gj`vqb I c¶¶ebv**
- mser`c¶t iaymser`c¶ti tekbb K¶i br eis mser`c¶ti m¶¶ m¶¶ cvWK c¶gZ evsjv fvlvi c¶qum I evbvb w¶t¶L| ZvB mser`c¶t c¶gZ evsjv fvlvi h_vh_c¶qum GB w¶lqv AZ`¶¶Ri¶i| Avgt¶`i GB M¶¶¶¶vi gva`tg A¶¶ ch¶¶¶¶Y, gj`vqb tkL K¶i c¶¶ebv Dc`vcb Kiv ntjv| hv t_¶K w¶¶¶¶Z Kx KiYxq tm w¶ K-¶¶¶¶ Rbv cvl qv th¶Z cv¶i|

- 1| msev`cĭĭ fĭj evK` I evbvb tKvĭbvfĭteB Qvcr hvte br| G_ĭj v cvĭtKi gvĭS weāwĭšĭ mĭj Kĭi | GLvb t_ĭk cvVK mĭVK evbvb wĭLĭZ e`_ĭq|
- 2| mĭKĭĭ t`k_ĭj vi gvĭS GKgvĭ evsj v`k fĭl wĭfĭĖK t`k A_ĭf fĭlvi Rb` Rieb w`ĭqĭ0 mĭzĭs GLĭtb fĭlv wĭtKĭ _ĭazĭcĭYĖ Avi _ĭazĭcĭYĖwĭntĭte meĭĭyĭĭ cvĭtKi Rb` cĭĭZ evsj v fĭlvi Pwĭv`ĭK _ĭazĭ;w`ĭZ nte|
- 3| msev`cĭĭ evbĭtbi `wĭqĭZ; huiv _vĭKb Zĭv`i kĀ cĭĭqM I evbĭtbi tĭĭĭĭ Avi I teĭk mĭPZb nĭZ nte|
- 4| msev`cĭĭ cĭĭZ evsj v fĭlvi cĭĭqM wĭlĭq evsj v GKvĭWwĭtK wĭtKĭ fĭwĭKv cyj b KiĭZ nte|
- 5| msev`cĭĭi Rb` GKĭU meRbvb evbĭbiwĭZ cĭĭqĭb meĭi Gwĭtq AvmĭZ nte| cĭĭqRĭb mĭvĭr` KMĭYi wĭbqĭG Avĭj vPbvq emĭZ nte|
- 6| wĭĭv_ĭ, wĭĭK, AwĭfĭvĖK Ges t`ĭki eĭiY` wĭĭwĭe`ĭi msev`cĭĭ cĭĭZ evsj v fĭlv e`envĭi DcĭhwĭZv mĭvĭr`KĭAvi I mĭPZb nĭZ nte cvĭvcwĭk wĭKfĭte GB āwĭšĭ ĭi Kiv hvq Zvi Rb` KvR KiĭZ nte|
- 7| wĭĭv_ĭi ĭi ayevsj v msev`cĭĭ t_ĭk evbvb br wĭtL gj- cvW`eB Ges evsj v GKvĭWwĭ cĭĭvZ cĭĭZ evsj v evbĭbiwĭZ tkLĭq Dĭy Kĭi ZĭĭZ nte| hLb wĭĭv_ĭv evbvb wĭtq tKvĭb mgmĭvq cote ZLb wĭĭKMYB Gi mgvavb w`ĭeb|
- 8| msev`cĭĭ cĭĭZ evsj v fĭlv e`envĭi mĭPZbZvi cvĭvcwĭk wĭwĭLZ evbĭbiwĭ thb mnR nq Ges meĭi Rb` mĭvĭr`RbK nq Zv wĭPšĭ Kĭi h_vh_ kĀ e`envi Kiv DĭPZ|
- 9| cĭĭqRĭb wĭwĭqv GKvĭWwĭ MVb Kĭi msev`cĭĭ cĭĭZ evsj v fĭlvi cĭĭqM wĭlĭq Mĭel Yv KiĭZ nte|
- 10| msev`cĭĭ cĭĭZ evsj v fĭlvi cĭĭqM I evbvbwĭlqK KĭwĭU ev Mĭel Yv cĭĭZvĭb MVb Kĭi evbĭtbi Mĭel Yv KiĭZ nte|
- 11| msev`cĭĭi cvVK nĭjv mKj tkĭYi gvĭy| ZvB Gĭ`i mĭvĭr`_evK`MVb I kĀPqb c_xwĭZ mnRĭeva` nĭ qv evĀbxq|
- 12| mĭKvĭi Z_` gšĭyĭ qĭK msev`cĭĭ cĭĭZ evsj v fĭlvi cĭĭqM mĭg mĭvĭr` mgvavĭb Awĭ` ĭz w_m_xvšĭw`ĭZ nte|
- 13| msev`cĭĭi gj- wĭlq nĭjv msev` ; Avi Zv cĭĭwĭZ nq cĭĭZ evsj v fĭlvq| mĭzĭs cĭĭZ evsj vi e`envi wĭlĭq tKvĭb cĭĭvi fĭj MĭYtĭwĭ` nte br|
- 14| eZĭvĭb mgĭqi Ab`Zg cĭĭvi ev MYgva`g nĭjv msev`cĭĭ, ZvB msev`cĭĭ cĭĭZ evsj vq bZb cwi fĭlvi cĭĭj b AwĭK nĭĭi KiĭZ nte Ges Zv h_vh_ nĭZ nte|

- 15| msev`cĭĭ bZb cwi fĭwĭK kĀ e`envĭi tĭĭĭĭ GKB bĭwĭZ tgĭb PjĭZ nte tKbbv GKB cwi fĭwĭK kĀ mKj msev`cĭĭ e`envi AwĭK Riāi |
 - 16| msev`cĭĭi wĭivgĭPĭ e`envĭi cĭĭZ AwĭK mĭPZbZv cĭĭqM KiĭZ nte| tKbbv wĭivg wĭĭyĭ mĭVK e`envi evĭK`i h_v_`A_`cĭĭKĭk AĭbK teĭk KvĭRi |
 - 17| cĭĭZ evsj v fĭlvi cĭĭqM thĭnZzGKĭU msev`cĭĭi cvVKwĭcĭZvĭK ewĭotq t`q ZvB mKj msev`cĭĭi GKĭU cĭĭZ fĭlv-bwĭZ _vKv Avek`K|
 - 18| msev`cĭĭ_ĭj v AĭbK mgq evbvb mnR KiĭZ wĭtq wĭR`^=vBĭj evbvb wĭĭL thĭU KLĭtbv Kiv DĭPZ bq| GĭU cĭĭZ evsj vi `uó j`Nb| ZvB msev`cĭĭK Aek`B cĭĭZ evsj v fĭlvi cĭĭqMi wĭZ tgĭb PjĭZ nte|
 - 19| msev`cĭĭi mĭvĭr` br wĭfĭwĭtK Avi I kw`kvj x KiĭZ evsj v fĭlv I evbvb wĭtKĭĀ Z_v fĭlv wĭvĭbĭt`i GLĭtb wĭtqM t`l qv cĭĭqRb|
 - 20| gvZfĭlv evsj vi ĭxZv wĭwĭZ KiĭZ msev`cĭĭ_ĭj v hw` cĭĭZ evsj v fĭlv cĭĭqM Dci cwi Kĭi br Kĭi wĭbĭv`ĭbi DcĭKĭY tĭĭLB mBĭĭn AšZ GKĭU gvĭwĭRb tei Kĭi, KBR I cy`vi cĭĭZ Kĭi, Zvĭĭj mgĭj AvmĭZ cvĭi |
 - 21| fĭlvi wĭvĭb mĭvĭr` Avĭj vPbv Kĭi fĭlv wĭvĭb Avi ZvB fĭlv Dcv`vb evĭK`i evbĭtK wĭvĭb mĭvĭr` fĭte ĭx Kĭi wĭLĭZ fĭlv wĭvĭbĭt`i wĭKĭĭ tbB| mĭzĭs GB AskĭUĭZ I fĭlv wĭvĭbĭt`i wĭtqM t`qv ev mĭvĭr`MĭY Qvov wĭKĭĭ tbB|
- 6.7 cieZMĭel Yvi Rb` cĭĭe I mĭwĭkmgĭ**
- 1| GB Mĭel Yvi AwĭĀZv t_ĭk ej v hvq fĭwĭ`ĭZ Mĭel YwĭU Avi I epr cwi mĭĭi Ges epr RbĭwĭvĭtK mĭvĭr` tĭĭL Kiv cĭĭqRb|
 - 2| msev`cĭĭ cĭĭZ evsj v fĭlvi cĭĭqM wĭtq Avi I e`vcK cwi mĭĭi Mĭel Yv nĭZ cvĭi thLĭtb t`ĭki cĭĭv `wĭtKĭi mĭvĭr` KMĭYi AskMĭĭY AwĭfĭvĖ evbĭbiwĭZ cĭĭvĭbmn bvb bĭwĭZvĭbĭ Yv w_m_xvšĭMĭY Kiv tĭĭZ cvĭi |
 - 3| GB wĭlqU wĭtq wĭGBPwĭ chĭq Mĭel Yv nĭ qv cĭĭqRb| KvĭY Aĭ mgĭq cĭĭKvi Z_` msMĭ I _ĭazĭcĭYĖe`w`ĭi gZvG msMĭ GB Mĭel Yvi tĭĭĭĭi Rb` hĭ_ó bq| Avĭj vP` wĭlqU Avi I epr cwi mĭĭi Mĭel Yv nĭ qvi thĭM`Zv ĭvĭL|
 - 5| Z_` gšĭyĭ q ev wĭAvĭwĭ G wĭlĭq `vNĭgqĭw` DcvĖ msMĭ I Mĭel Yvi Dĭ`wĭ wĭtZ cvĭi |
 - 6| wĭy`v I Z_` gšĭyĭ q msev`cĭĭ wĭfĭ ev cĭĭZ evsj v cĭĭqM Rb` cy`vi cĭĭv ev DrmĭwĭZ Kivi Dĭ`wĭ MĭY KiĭZ cvĭi |

mBg Aa`iq

Dcmsnvi

cwi`tkfI ejv hvq th, c`wZ`ombK MtelYvi t`qfI G w`el`tq w`etk`dY ev AvtjvPbv AvZkq i`aZcY` msev`cI ntjv MYgra`gi Ab`Zg Ask| msev`cI gi KivR ntjv msev`cwi`tek`fbi gra`tg cvVtKi mrt_ msthM`rcb Kiv| Avi GB t`qfI cvVK msev`i cvkvcw`k msev` Dc`rcbvq c`gZ evsjvi e`envi I evrbviwZ i`aZ; mnKvfi wetePbv Kti v`fK| ZvB msev`cI c`gZ evsjvi e`envi mij I mivK nlqv DvPZ| MtelYmUi gra`tg t`Lv`bvi tPov Kiv ntqfQ th, msev`cI c`gZ evsjvi e`envi Kx ai`fbi f`jy tPvL cto Ges Zv cvVtK`i givS Kx c`fve mw`o Kti| Gi cvkvcw`k msev`cI t`jv th bZb cwi`fvlv `Zwi I c`vfi e`vck fvgKv ivL`tZ cvfi Zv Dc`rcbvi tPov Kiv ntqfQ| ZiOvov GB MtelYmUi gra`tg w`Kzc`fvebv Dc`rcb Kiv ntqfQ hv evsjv msev`cI c`gZ evsjv e`envi i t`qfI w`ewa mgm`v mgvartb mnvqK nte etj gtb Kw| MtelYmUtZ msuk`o Z` I DcvE w`etk`dY h_vh_ I w`Avbm`sz tKSkj c`hM Kiv ntqfQ| h_vh_ ka, i`x evK` Ges mnR`eva` evrbfbi gra`tg msev` Dc`rcb Kivi tKSkj GB MtelYvq t`Lv`bvi tPov Kiv ntqfQ| mtef`cwi msev`cI c`gZ evsjvi e`envi w`Kfite fvlv givS AvI mvej`xj Zv I mij Zv I MwZ Avbv hvq Zv Z`j aiv ntqfQ| cvVtKi `w`fZ Dc`rcb w`Kz `ovsI Ges Gi w`etk`dY Kiv ntqfQ G MtelYvi Rb` w`abw`i Z msev`cI t`fK MpxZ DcvE v`v| tm-Zw`j Kv c`j w`Z Kiv ntj KtqK nvrvi ka ntZ cvfi| Avgv`i j`y` msev`cI f`z w`bY` bq, c`eYzv Ges f`zi KivY, t`jv AbvUvb| GtK i`ayf`z ejtjB nq bv, KLt`bv KLt`bv AAZvI `vqx| Gi mgvartb Kx KiYq, tm w`el`tq w`Kub` Rbv I fvebv RvMf`q tZivvB w`Qj Avgv`i c`avb KvR| evsjv GKv`Wwg, AvSR`w`ZK givZfvlv Bbv`w`UDU, t`ch Bbv`w`UDU, w`ekje`ij qmg`fni fvlv w`Avb I evsjv w`efvM, w`efvbw` i`aZcY` `w`btki c`avb m`uv` K I c`k`v`k KZ`ymn msuk`o mevB w`gtj hv` tKej gyY gra`gi msev`cI B bq, me gra`tg e`enZ evsjv fvlv c`gZ i`fci c`w`qM w`b`oZ Kivi Rb` miv`sz, myt`c`vix Kg`cwi`Kiv MhY Kti, Zvntj fvlv miv`w`k `MwZ Ges w`ek;Ljv Aek`B w`bim`b m`e| f`z Zv c`fI nqtZv v`Kte| w`Ks` eZ`v`b Ae`v t`fK w`b`o`qB A`tbKLw`b DEiY Nu`te| Avkv Kiv hvq, miv`sj Z D`t` vM MpxZ ntj c`Z`v`v`j`c miv`j` AR`o Kiv m`e| MtelYvi GB w`el`qU`fK tKej giv e`w`³ ev c`wZ`ovt`Kw`K bv t`fL mevI c`kZ. AskMhY GKv`I Kvg`| c`gZ evsjv fvlv c`p`j`tb Ges cieZ`th tKv`bv MtelYvq GB MtelYvi djv`dj KvR Avtj G D`t` vM mdj ntqfQ etj gtb Kie|

mnvqK-Me`I cI-cwI Kv

1. AiYv`f mi Kvi; 2009; t`j Lv`tj w`L I m`uv`bv; XvKv; evsjv GKv`Wgx|
2. Avejy Kv`mg dRjy nK; 1997; msev`cI I gj`f`era; `w`bK gy`KE; 10 AvM`v, 1997|
3. Avejy Kv`mg dRjy nK; 2006; w`msev`cI evsjv fvlv; w`bixyv; XvKv; w`cAvBie|
4. Aveyt`bv tgv`bv Kvgj; 1982; w`msev`cI gvb Db`q`tb cvVtKi fvgKv; w`bixyv; 11k`o msL`v; XvKv; evsjv t`k t`ch Bbv`w`UDU|
5. Avajy nrv mmi`K; 2000; msev`cI w`ecYb; XvKv; evsjv GKv`Wgx|
6. Avajym Avj-g`zx I Avbm`y`v`v`v, (m`uv`K) 1989; msev`cI evsjv fvlv; XvKv; w`cAvBie c`k`v`bv|
7. I qm`v`j nK; 1997; mivew`tKi msev`cI; `w`bK gy`KE; 10 AvM`v, 1997|
8. W. iYvRr w`ekm; 2012; e`envi K evsjv : hZ f`z ZZ d`z; XvKv; miv`cI|
9. XvKv w`ekje`ij q mivew`K mivw`Z `ji`w`Kv, 1997|
10. `w`bK c`g Avtjv, 1-30 A`t`v`ei, 2015|
11. `w`bK Kv`tj i KE, 1-30 A`t`v`ei, 2015|
12. `w`bK RbKE, 1-30 A`t`v`ei, 2015|
13. `w`bK Bt`EdvK, 1-30 A`t`v`ei, 2015|
14. `w`bK ce`KvY (P`EMg), 1-30 A`t`v`ei, 2015|
15. bti`b w`ekm; 1998; c`h`z evOjv fvlv; XvKv; Abb`v|
16. cieI mi Kvi; 1987; evsjv evrbv ms`vi : mgm`v I m`v`ebv; w`bD GR cievj`t`kY; Kj KvZv|
17. cv`eBtqi evrbv; 2005; RvZiq w`k`v`v`g I cv`c`y`K tevW`XvKv|
18. cv`P`fvcra`vq; 1986; w`el`q mivew`K Zv (w`Ziq ms`v`iY); w`j w`cKv; Kj KvZv|
19. c`g Avtjv; 2009; fvlv w`Z; XvKv; c`g v`c`k`b|
20. c`gZ evsjv evrbfbi w`bq; 1974; XvKv; evsjv GKv`Wgx|
21. dtqR Avng`; 1993; msev`cI Ziv`i Dm tKv`vq; XvKv; t`k c`k`v`k|
22. f`tek`v`k; 2008; m`c`v`f`i fvlv I f`w`z; Kj KvZv; P`v`v`K c`k`v`bv|
23. gBbjv t`v`mb; 1981; w`msev`cI w`k`f`i fvlv `Z; w`bixyv; 5g msL`v; XvKv; evsjv t`k t`ch Bbv`w`UDU|
24. gbmj`gym; 1992; fvlv cwi`Kiv I Ab`vb` c`eU; XvKv; evsjv GKv`Wgx|
25. gbmj`gym; 1995; evsjv t`k i`v`fvlv; XvKv; evsjv GKv`Wgx|
26. gbmj`gym; 2006; w`msev`cI evsjv fvlv; w`bixyv; XvKv; w`cAvBie|
27. gbmj`gym; 2007; evrbv evsjv eY`v`jv cwi`Pq I c`ZeY`Kiv; XvKv; evsjv GKv`Wgx|

28. gbmjv gmv; 2007; ðersjv evbvtbi mgZv I cġqvYKZvi cġkġ Avqv t`k 1jv AvM÷, 2007|
29. gbmjv tnmvBb; 2008; ðRvZiq fvlvbmZ tbB, cġqtb Dġ`vMI tbqv nqvbl 0 cġg Avtjv 2 tdeġvvi, 2008|
30. ginevj nK; 2004; ersjv fvlv: KġqKvU cġh½; XvKv; Aemi |
31. ginevj nK; 2006; ersjv evbvtbi vbgg; XvKv; mmmZ` cġKvK |
32. gġkx Ave`jy gubub; 2006; ðersjv msev`cġġ fvlvi e`envi-Ace`envi; vbiXyv; XvKv; ersjv t`k tġġ Bbv=JDU |
33. ggv=š Rvni½xi; 1997; ðBvri tġU msev`cġġ; vbiXyv; 83Zg mSLv; XvKv; ersjv t`k tġġ Bbv=JDU |
34. ggv=š Rvni½xi; 1987; ðAvqv t`i msev`cġ I bZb cġh½; vbiXyv; (Rvbgvvi-Rġ) mSLv; XvKv; ersjv t`k tġġ Bbv=JDU |
35. tġvt Avāy i mg; 2003; ersjv t`k fvlv cġi Kí bv; XvKv; XvKv vekġe`vj q |
36. jġdi ingub; 1987; ðMYgva tġ MġelYv ZrciZv; vbiXyv; (veġk mSLv); XvKv; ersjv t`k tġġ Bbv=JDU |
37. kvl šġ nqv`vi; 2007; ðersjv msev`cġġ fvlv; XvKv vekġe`vj q cġġ Kv; XvKv |
38. kvšbyKvqmvi; 2008; ðfjv I fjv evbvtbi m`vZġ, `vbk RbKÉ, XvKv 14B gvP; 2008 |
39. tkL tġvni=š kvdDj Bmjvg I i vġKġRvqv; 2016; ðmsev`cġġ ersjv fvlvi cġġqvM cġYZv; gvZfvlv (Rvbgvvi-Rġ) mSLv; XvKv; AvšRġZK gvZfvlv Bbv=JDU |
40. mvlvl qvr AvbmviX; 1998; msev`cġġ ktāi Ace`envi I evbvbMZ Ĩv; `vbk RbKÉ, 6 bġf=ġ, 1998 |
41. mivRvbr ggZvR; 2008; ev0jv evbvb: tġġvrcU I i× cġġqvM; XvKv; eġġcġKvK |
42. mivRvj tniġmb Lv; 1997; mivem`KZvi `vaxZv I mivem`kġi fvgKv; ersjv vevRvi cġġKv, XvKv; 1 AvM÷ 1997 |
43. mqv tġvmtjg; 1995; ersjv t`k msev`cġġ i e`vrcbv; XvKv; ersjv t`k tġġ Bbv=JDU |
44. mġvvl fġvPrh; 2014; ersjv cġġqvM AvfAvb; (PZz`ns`iY) XvKv; behM cġKvKv |
45. mġZ ksKi ai; 1985; ersjv t`k msev`cġ; XvKv; ersjv GKvġWgx |
46. `mq` Avejy gKmy; 1991; msev`cġ: cġR, `vaxZv I `bvZKZv; RvZiq tġġ Kve e³Zvgjv, RvZiq tġġ Kve, XvKv |
47. tmsġġ tkLi; 2006; ðmsev`cġġ ersjv fvlv, fvlv K vepZvZġ thvMvthvM mSLv, 8 bġf=ġ, 2006 |
48. tmsġġ tkLi; 2008; ðcġġqvRb fvlv-cġi Kí bv, cġg Avtjv 3iv gvP; 2008 |
49. tmsi f vM`vi; 2014; ersjv fvlv: ersjv t`k fvlv; XvKv; Aemi |
50. nqvqv gvgv; 2002; ev0mij i ersjv fvlv B`vbv; XvKv; Pviġv uc |

cġiġkó : bgġv msthvRb

msev`cġġ cġgZ ersjv cġġqvM : eZġv Ae`v Rvnc

mvi v bs : 01 (vġġv_xġ i Rb)

- cġkæ 1 msev`cġġ AġbK mgq gvġYi tġġġ fjv evK` I evbvb Qvcr nq |
- cġkæ 2 GKB msev`cġġ cġgZ ersjv evbvtbi vfbġc j ġ Kiv hvq |
- cġkæ 3 vfbvavbavcġġ Kvi evbvtbi vfbġc vġġv_xġ i veāvšKġi |
- cġkæ 4 msev`cġġ ōv 0 Kvi I 0 x0 Kvi Gi e`envi h_vh_fvte nġq_vġK bv |
- cġkæ 5 mKj msev`cġġ h djv () Gi e`envi h_vh_fvte Dc`vcb Kiv nq |
- cġkæ 6 mKj msev`cġġ (9) tid Gi e`envi h_vh_fvte Kiv nq |
- cġkæ 7 msev`cġġ hvġeġYġ e`envi cġv`cġK Avbġti h_vh_fvte Kiv nq |
- cġkæ 8 msev`cġġ veġ vġ ktāi evbvtbi vfbġc j ġ Kiv hvq |
- cġkæ 9 msev`cġġ k/l/m Gi e`envi vġKġZv Kiv nq bv |
- cġkæ 10 msev`cġġ cġgZ ersjv cġġqvM veġġ mKj cġġ Kvi GKvU Avfbv bmvZ_vKv cġġqvRb |

cġqvU vbaġY

cġi vġy GKgZ	→	5 cġqvU
GKgZ	→	4 cġqvU
vbi tġy	→	3 cġqvU
GKgZ bB	→	2 cġqvU
tġvġU GKgZ bB	→	1 cġqvU

mvi v bs : 02 (vġġK I AvfveKġe` i Rb)

- cġkæ 1 msev`cġġ AġbK mgq gvġYi tġġġ fjv evK` I evbvb Qvcr nq |
- cġkæ 2 GKB msev`cġġ cġgZ ersjv evbvtbi vfbġc j ġ Kiv hvq |
- cġkæ 3 vfbvavbavcġġ Kvi evbvtbi vfbġc vġġv_xġ i veāvšKġi |
- cġkæ 4 msev`cġġ ōv 0 Kvi I 0 x0 Kvi Gi e`envi h_vh_fvte nġq_vġK bv |
- cġkæ 5 mKj msev`cġġ h djv () Gi e`envi h_vh_fvte Dc`vcb Kiv nq |
- cġkæ 6 mKj msev`cġġ (9) tid Gi e`envi h_vh_fvte Kiv nq |
- cġkæ 7 msev`cġġ hvġeġYġ e`envi cġv`cġK Avbġti h_vh_fvte Kiv nq |
- cġkæ 8 msev`cġġ veġ vġ ktāi evbvtbi vfbġc j ġ Kiv hvq |

cka: 9 mser`cT k/l/m Gi e`enri wKgtZv Kiv nq br/
 cka: 10 mser`cT cGZ evsj vi cQm el tq mKj cwi Kvi GKu AwfbabwZ
 _vKv cQvRb/

tbu

cTqU baY

cjvci GKgZ	→	5 cTqU
GKgZ	→	4 cTqU
wbi tcy	→	3 cTqU
GKgZ bB	→	2 cTqU
tgrtUI GKgZ bB	→	1 cTqU

tbw

tbw