

RvZxq -ŕ"bwmZ 2008
-nvj bvMv`
(Lmov-27/08/2008)

MZ j k t K brix Dbq b Kgm i P c l Z Ae v n Z m i Kwi c l Z K b Z l m g . b i Kvi t Y brix i c l Z m k Z Mo Avqy g r Z ...
g Z i nvi , beRvZK g Z i nvi , m i g Z i nvi , m K i v i gva t g i g Z v q b B Z w t i t i B i Z e v P K A M M i Z A n R Z
n i t i Q | m K S Gme t i t i A v i l A M M i Z A R B K i t Z n t j G L t b v A t b K c _ c w o w i t Z n t e A _ q r G L t b v A v i l e u
m K Q y K i v i A v t Q | R b i K t j K g l R b , q b B Z w K u Z c q - m P t K i t i t i t R U v i e l g m y u o f v t e j i K i v h v q |
G Q v o v b r i x i c l Z m n s m Z v i g t Z v N u b v e v c K f v t e m s N u J Z n t Q |

2.11| **“” LtZ A_@b/ dvBb`wYs**

“”LtZ A_@b miKwi I temiKwi Dm mwsj Zfite “”tmev ctiVUv ARbi Rb` chfB bq| ejsj v`tki “”, cpj I RbmsL`v (GBPGbmc) LtZ eivl mRmWci 3.2 kZvsk gvI | t`tk GKwU tUKmB “” e`v ubiOZ Kivi Rb` G ai`bi eivl LpB Kg| gv_wmcQz “” e`q eQti gvI 13 gmkB Wj vi | G e`q miKwi e`qci cwi gvY eQti gvI 4-5 gmkB Wj vi | Aewko e`qUv e`wi mR ctkU t`tkB mbeRn ntq _vtK| ejsj v`tk eQti gv_wmcQz “” e`q KgctqI 24 gmkB Wj vi Dbz Kiv c`qvRb| Dbz mek;eQti gv_wmcQz “” e`q 34 gmkB Wj vi |

3| **eZgub I fivel`r P`vtj Amgn**

3.1| “” t`ttf weifbeBwZevPK cEYzv j`q Kiv tMtj I bvbwea mgm`v GLtbv itq tMtQ| “”tmev j`vf I “”MZ Ae`v BZ`w` t`ttf weifbdtMvxi gta` eo ai`bi cv_` i`ttQ| G ai`bi mQzAmgZv eo AvKrti me``gvb AvtQ hv mvgwK chfQ Avi I mjeav ARB t`tk t`ktK mciQq ivLtiQ| KuZcq t`ttf AMmW AwRZ ntj I Abv` t`ttf meiZv weivR Kivq Zv ati ivLv Zj bigj Kfite AwakZi KwB nte| KuZcq „i”Zcy`eZgub I fivel`r P`vtj A`bgj/c|

3.2| gvZ,gZii nvi Kgtj I Zv GLtbv mek;metPp| mblbvUj gZii t`ttf I GKB K_v mZ`| ejsj v`tki mgtb eZgub eo P`vtj A` ntjv KvRi “”tmev mieivn e`v Mto tZvjv, “” LtZ Mf`bYi DbqB (mekl Kti c`ugK I gvZ...“” tmev t`ttf) Ges c`kqI Z ev_`GtUbtWU` i mSL`v ep` Kiv| mSb Rb`vb nvi ev dnuUj w Avil `Z nvti Kgtbvi Rb` thgb c`qvRb bZb ai`bi Dcvq I c`wZi D`web tZgub mRb` c`qvRb thS_ I AvS-I eULvZ wfiEK D``m I c`Pov |

3.3| mki gZii nvi nvm P`vtj A` Gi t`ttf tRjv I AAj wfiEK cv_`K mekPbvq mdtZ nte (k`ti ew` creZ` P`EMg, Dckj xq Gj vKv, Ab`vb` cwi tekMZfite S`Kcy`Gj vKv “” mjeav j`vti t`ttf AtbK mciQq AvtQ) hvZ miKwi c`Pov I D``m I Gme D``vMi mdtj t`tki Rbmavi tYi mKti i mKU tctQ Ges thUKi AMmW mvaZ nte Zv tUKmB I w`ZKj nq|

3.4| GBPAvBwF/GBWm`i ugWk, g`vtj mqv tivMi weivRgvb ctkUmg I weifb`ai`bi Jla c`Ztivax wue/h`q BZ`w` P`vtj A` ntq t`Lv w`q| GBPAvBwF/GBWm`i KvRi bRi`wi e`v MVb, D`P S`Kcy`tRj vmgt`n g`vtj mqi c`fite cime`Yi Rb` k`kuj x g`vKwBrg c`Zov, Jla c`Ztivax g`vtj mqv Rb` KvRi mRm c`wZ I e`v Mto tZvjv I Wqvm`w`-K mwf`mi gvb DbqB BZ`w` t`tki mgtb eo P`vtj A` ntq _vKte|

3.5| AvtmBk RvZ tivM, GBPAvBwF, Gwqvb c`tQqvP ev mspvgK (KugDibK`vej) I AmspvgK ev AtQqvP (bb-KugDibK`vej) tivMi `Z me`Ivi, `kkeKuj xb Amv`Zv, gvbwmK “” mgm`v, moK, tij I tbs c`t mSL`v `Nbv, I mbeZb (mekl Kti bixi c`Z) BZ`w`K mgsZ c`Povi gva`g tgvKwejv KiZ nte|

3.6| Acj` nvti P`vtj A` tgvKwejv I Gt`ttf th tR`vi c`qcvZ itqQ Zv `i Kivi Rb` `xN`vq wfiE`Z mgsZ eULvZwfiEK D``m c`qvRb| mekRto Lv` mvgMbi mvc`ZK gj` ep`i cEYzv mek;A`wZi GKUv `xN`gqv`x `ewkt` cwiYZ nI qvi AvskKv t`Lv w`ttQ Ges Acj` nvti P`vtj A` Gi mdt_ h` ntqQ|

3.7| bMi “” t`ttf m`“” bMii Mrie RbMY mekI Kti ew`emx`i bMvtj i evBti itq tMtQ| bMi Gj vKvi ew`mg`n mki gneWwU I mki gZii nvi GLtbv metPp| `Z bMivqY RbM`Yi c`qvRb c`tYi Rb` Avek`K AeKw`tg I mvgwRK tmev Dbq`bi Muz`K e`vN KiQ| Ambq`S I Acwi Kw Z bMivqYi dj ntjv h`ZT ew`I `vcb, bMi Gj vKv AwZ gvI`vq fixo, Acwi Kw Z I mbe`vbi Mm`gY, AchfB cwb mieivn I Acwi tekme`Z `ep` m`mbtUkb e`v I G`tjv GK`K thgb RbM`Yi Rieb gvtbi Dci q`ZKi c`fve tdtj tQ tZgub Ab``K tW`j gtZv mspvgK tivMi c`fite Ae`vb ivLtiQ| t`tki `Z ew`T`bMi `wi`i “” c`qvRb wUv`bv miKvti Rb` eo P`vtj A` ntq _vKte|

3.8| MZ `y k`K t`tki tWtgM`dK A_`R Rb`wZK `ewkt` I Rxebavi t`ttf AtbK`tjv cwi eZB NtUQ| thgb RbmsL`v evotQ (hv I nvmgvb nvti), RbmsL`v temk f`WB Zi`Y I g`njv, RbmsL`v eq` t`vKi Awak` temk, RbMY Awak nvti k`ti nt`Q Ges Zv`i Rxebavi cwi eZB gta` w`tq hv`Q| “” I Dbq`bi t`ttf G me cwi eZB m`u`o c`fve itqQ| mge`gvb RbmsL`v Ges h`K I cEY Rb`Mvxi mwsj Z c`fve mvgwRK tmev i thgb “” I m`qvi Dci Avi I temk Kti Pvc m`o Kite|

3.9| cEY t`vKi mSL`v ep` I `Z Muzi bMivqYi mdt_ ep` tctQ AmspvgK e`wa I gvbwmK “” mgm`v| RbM`Yi Rxebaviq thme D`j L`thvM` cwi eZB NtUQ tm`tjv ntjv temk cwi gvY P`e`Y L`vi LvI qv, mbl`x L`vrti c`Z AvMh tefo hvI qv, kixi PP, mektg I me`v`bi Afive, agcvb, gv`Kwm`3, tectivq Mvix P`j bv BZ`w`| G`tjv ejsj v`tki gneWwU I tgvU`j wI me`Ivi I m`qS` mel qK Aa`qtb A_`R Bw`WigI t`vRtZ cwi eZB mdtQ AvmtQ| bMivqYi dtj cwi et`i MVb KvW`gv, Aveimb I emetmi e`vq cwi eZB NtUQ, m`vZbv

Ges "tmevq Mmēt'i cōekwaKvi Bmj I tRŪvi wēf³ BZ'w')| Pj gvb bmxZ KwVtgvtK hMvcthmX Kivi GLbB mgq| thnZi eZgub "t" KgmP Gi evēvqbi gVSc_t itqtQ tmtnZi ga'eZx^ochēj vPbvi D_t VM BtZvgtā' tbcv ntqtQ| bZb "t" KgmPi i/jctiLv wbtq weZK^onlqv cōqvRb Ges tm AvtjvtK bZb KgmPi i/jctiLv 'Zwi KitZ nte| Gme KvItY miKvIti c_tq| RvZxq "t" bmxZ 2000 tK AvctWU Kiv Avek'K ntq ntq cto Ges Ggb GKūU GKūU bmxZ KwVtgvi cōIve Kti hv "t" LtZi Pwn'v I cōqvRb c_tY nte AwaKZi cōm₂K I mgtqvcthmX|

4.2| "t" I cūiēvi K_j vY gšYvj q Zvi Dci AwcZ_t wgtZj Ask wntmte bmxZ cōqb, wqšY, Aetj vKb, Z'vi wK BZ'w' t_qt_t Ges "t", c_p I RbmsL'v LvZ KgmPi m_t msukō wēf_bemqvg_tKi gta' mgšq mva_tb t_bZ'vbxq fvgKv c_vj b Kti| wēf_bemqvg_t miKvi KZK Abtgm' Z wZb a_ttbi DcLvZ wFwEK bmxZ ---RvZxq "t" bmxZ, RvZxq Lv' I c_p bmxZ Ges RvZxq RbmsL'v bmxZ---"t" I cūiēvi K_j vY gšYvj q_ti Aax_tb evēvq_bvaxb AvtQ| 2000 m_tj cōVxZ t_tki cōg "t" bmxZ t_tmi I qvBW tōMōg, BGm_{ic} BZ'w' i b_vq tōMōg cūieZōmg_tni cōZd_j b Ntū_tQ| RvZxq "t" bmxZ 2000tK chēj vPbv Kti Ges G bmxZ cōZ_tbi ci t_tK M_{px}Z KgmP I G_tcōPmg_t th me cūieZō m_tPZ ntqtQ t_t t_tvtK Ašf₃ Kti Lmov RvZxq "t" bmxZ 2006 'Zwi Kiv nq, Z_te GūU GLt_bv Pōvš' nqub| Pj gvb bmxZmg_n nvj b_tMv' K_tYi Ask wntmte "t" I cūiēvi K_j vY gšYvj q cōtg "t" bmxZ 2000 nvj b_tMv' K_tYi w_xvš-wbtqtQ| c_p I RbmsL'v m_umkZ RvZxq bmxZgvj vmg_tK chē_tg nvj b_tMv' Kiv nte|

4.3| nvj b_tMv' KZ RvZxq "t" bmxZ 2008 Mto ItvtQ 2000 I 2006 m_tj i bmxZ wj j mg_tni Dci wFwE Kti| RvZxq "t" bmxZ 2008 mg_tRi Mmē I m_{pe}avēwAZ RbtMvōx KZK "t" tmevi e'envi_tK Avil m_{ac}ch_{mi} Z Kivi wōngt_E "t" bmxZ 2000 I 2006 Gi tKšj t_tvtKl wēf_bpvq wbtqtQ| G nvj b_tMv' K_tYi j_t n_tQ w_i w_imb I GgmW_R AR_tbi wēlq RvZxq Af_tōi m_t m₂zC_Yq_t I AMōaK_ti GKūU e'vcKwFwEK KwVtgvi e'e'v Kiv| "t" LtZi wēf_bēG'v i ev wqvgK KZK bmxZ j_t mg_tK GūM_tq wbtZ "t" tmevi gvb Dbq_b, mgZv I cōek, wP_tKrmv cō₃ I wēk_t DbZ wP_tKrmv c_xzI Dbq_b m_{ab} BZ'w' cōqvRbtK wēf_bpvq wbtq wē'w_i Z tōMōg I mgq-wb_{mi} Z Kgē_{mi} K_i b_v MōY K_tZ nte|

5| RvZxq "t" bmxZi cāvb ēukō mgn

RvZxq "t" bmxZi cāvb ēukō n_tQ c_tēK_{vi} "t" bmxZi KūZc_q Dc_vvb thgb Rb"t" tmev, cūiēvi cūi K_i b_v, c_p, w_cic_{ic} BZ'w' i cōZ bZb wōf_w tcvYce_R Ae'v_nZ i vLv| G bmxZ t_tmb bZb wēlq Ašf₃ Kiv ntqtQ t_t t_tvt_t b_{mi} "t" tmev, R_j evq_y cūieZōR_{ub}Z "t" S_{uk} I Gme S_{uk} j_vNe e'e'v, tgmW_Kvj e_R^o e'e'vc_bv, Lv' w_bivc_Ev I Lt' i Y_MZ gvb BZ'w' | miK_ti i Z'v_iwK_gj K fvgKv, Abv_bp_wbK "t" tmev cōv_bK_{vi} t_t i w_kz t_tq_v, w_qEk_{mi}t_{bi} c_{ic}ic_wk wēk_t K_iY BZ'w' i cōZ bZb wōc_vZ h₃ ntqtQ| RvZxq "t" bmxZi Ab'v cāvb ēukō n_tjv:

- "t" LtZi Dbq_tb wēlq_tM_tK miK_ti i w_i w_imb tKšj c_ti Ask wntmte t_t Lv Ges GgmW_R AR_tbi m_t m₂zC_Yq_tKiv|
- RbM_tYi "t" MZ Ae'v_i Dbq_tbi cōZ AMōaKwFwEK wō t_tq_v (w_i w_ib_vx, w_ki I eq_t i Dci wēk_t i Z_tt_{iv}c K_ti)|
- miK_{mi} LvZ KZK DbZ "t" tmev e'e'v wōwōZ Kiv Ges Z_j b_vg_j K m_{pe}avi Dci wFwEK_j g_bvdv I Ag_bvdwFwEK tēmi K_{mi} cōZōv_{mg}t_{ni} e'vcKZi AskMō_tYi Rb' GKūU m_qg cūi_tek wōwōZ Kiv|
- "t" tmevq Y_MZg_vb I mgZv AR_t K_tZ "t" LtZi m_svi K_{vh}ē_gt_K k₃k_vj x I AwaKZi m_{ms}nZK_iY|
- miK_{vi} hv_tZ t_t I K_{vh}K_i wqšY_gj K I Z'v_iwK_gj K fvgKv c_vj b K_tZ c_{vt}i t_tRb' miK_ti i m_g_o k₃k_vj x K_iY Ges tōc_tc_ti K_{ig}D_{ub}U_gL_x "t" tmev cōv_tbi t_t t_th_{vh} cūi_tek M_{to} t_tZ_v v|
- cūi K_i b_v, ev_tR_us, ev_tq_b, Aw_uR e'e'vc_bv, g_vbe Dbq_b BZ'w' wēlq GKūU e'vcKZi t_tmi I qvBW G_tcō_tP K_vR Kiv Ges wēk_tl K_ti w_i n_tmi Dci t_tR_{vi} t_tq_v|

6| "t" LtZi Af_xōmgn

evs_j t_tki w_i w_imb tKšj i Awfō n_tQ Aw_{ix} cōR_bK_{vt}j i t_tZ_ti e'vcK_{vt}e w_i n_m Kiv | G_{ic} GKūU e'vcKZi tō_tt_t-

"t" LvZ P_vq Ggb GKūU m_qg I K_{vh}K_i cūi_tek m_ot_tZ m_{nv}q_Z K_tZ thLv_tb evs_j t_tki RbM_tYi m_{th}W_uv_{te} "t" t_qt_t m_te_pP AR_th_vM' t_t t_cōZ I t_t AR_th_vM' t_t a_ti i vLv| th Af_xō "t" t_tK GKūU t_gš_j K g_vb_weaK_{vi} wntmte MY' K_ti t_t Af_xō m_gv_{rk} b_vq wēp_ti i t_t t_th_{vh} Dbq_tbi cōqvRb B_uZ_{ev}PK| cō_tek mgZv, tRŪvi mgZv Ges b_wZK Av_piY BZ'w' t_gš_j K g_j t_tvtai Dci wFwEK_j GKūU g_j t_teva KwVtg_v t_tK GB Af_xō D_tMZ ntqtQ |

9.4 | $\frac{d}{dt} \left(\frac{1}{r} \right) = -\frac{\dot{r}}{r^2}$

9.5 | AmsμvqK e"wa vlbqŠY

9.6 | mspvrgK e"wa vbgšY

9.7 | weKvkqvb ûqwkî vbqšY

9.8| bMi \hat{v}^{-r} tmev

"vbxq miKvi wefviMi Avl Zvq wmlU Ktcfkib l tcfimfvi gra'tg bMi "f" tmev c0vbi weivRgvb e'e"vK
 Ae'vNz iVltZ nte| AwaKŠ' bMtii thme GjvKvq "f" tmev "vbxq miKvi wefviMi Avl Zvi evBti i'tqT tmme
 GjvKvq "f" l cwi'evi Kj vY gš'vj tqi Avl Zvq c0'ugK "f" tmev c0vb e'e"v Ae'vNz iVltZ nte | GKB f'vte
 kni GjvKvq gra'ugK l D'P ch'fqi "f" tmev c0vb e'e"v gš'vj q Ae'vNz iVl'te Ges Pwn'vi tcf'itZ "f"
 tmevi cwi'wa ep' l gvb Dbq'tbi tPov Kite| bMi GjvKvi "f" tmevi Dbq'tb GKul AM0aKvi w'fEK D't'k' nte
 bMtii "w' 'l ew'iz evmi Z Awaevmiv thb BGmnc tWj fwi mwf'fmi Kv'hKi e'envi Ki'z cvti Ges Gme tmevq
 c0ek Ki'z cvti ZvtZ mrvqZv Kiv| G j't'f' bMi c0'ugK "f" tmevK w' t'jvBb Kiv,kv'kvx c0Z0vbK
 wj stKR c0Z0v Ges bMi "w' 'i Rb' c0'ugK "f" tmev, cwi'evi cwi K'ibv l c'Rbb "f" tmev w0vZ Kivi j't'f'
 "vbxq miKvi wefviMi mnthwMzVq GKul bMi "f" tKŠj %Zvi Ki'z nte| AwaKŠ' bMi GjvKvi t'ivM-e'wamg'ni
 bRi'w' l cixw'f'Yi (q'v'tbRq'wU Bbditqkb wnt'÷q, mvq. ©MVb, qvb w0vZKiY BZ'w' mn) Rb' "vbxq

mi Kvi wefvM mvt_ we`gub wj stKRtK Avi I kw³kuj x I tRvvtjv KitZ nte| AnaKŠ KvhRi bMi `f` tmev c0vbi tQtT `f` I cwi evi Kj`vY gŠYvj q Zvi bmxZ vbt`Rbvjg K I Z`vi mKgj K fvgKvtK tRvvtjv Kite|

9.9| RjevqycwieZB I `f` mjtQv

RjevqycwieZB i QwZKi c0ve t_K `f` tK mjtQv KitZ mgrSZ c0Pov vbtZ nte| G j tQt` RjevqycwieZBRvZ tivMe`wai tevSv jvNte GKU RVZxq KgmiPi ifctiLv`Zwi KitZ nte| RjevqycwieZB i mvt_ Lvc Lvl qvbtvi tQtT miKwi `f` mwfmiK kw³kuj x KivUvB c0vb wclq nlqv c0qRb| we`gub `f` wclqK MtelYvi GtRUVq ASfP nte`f` i Dci RjevqycwieZB i QwZKi c0ve, Ges`f` i Dci RjevqycwieZB i`f, ga` I`Nfsgqw` c0ve PvyZ KitZ gvV Rwi c I mgrQv cwi Pj bv KitZ nte| wvfbmskó M0ci mvt_ MtelYv djvdj tkqvi KitZ I mgrSZ c0Povi gva`tg RbMtYi mPZbZv ewx KitZ bvbv ai`bi c`tQc vbtZ nte Ges RjevqycwieZB i djvdj tK tgvKwejv KitZ AM0ZPc0mZgJ K cwi Kí bv`Zwi KitZ nte| thtnZiRjevqycwieZB GKU`ewkK Pvtj A tmtnZiGtQtT AKí bxq gvtvq Askx`wi Zj c0qRb| RVZxq I`ewkK Rb`f` vbtvEv ewx I mjtQv c0qRb GKU KvhRi mvov vb| Avi GRb` mgvtRi mKj Astki I wklm c0vq t_K c`tQc M0Y c0qRb|

9.10| c0wgK `f` tmev

c0wgK `f` tmev gvb Dbqb I `f` tmev tK RbMY wtkl Kti`wi`I SmkCYRbMtM0xi KvQ mnRj f` KitZ DctRjv I Gi vbtPi`fi` `f`, c0 I RbmsLiv LtZ GBPGbwcGmwc LtZi tgvU evRU eivti b-bZg 60 kZysk e`q Kivi th c0Zk0Z itqtQ Zv Ae`vNZ ivLtZ nte| BGmwc `f` tmev c0vb e`v`K Avi I tRvvtjv Kivi cvkvcwk RbMtYi KvQ Rbwcl Ges M0YthwM` Kti Zj tZ nte| e`vcKZi m0` c0vtni c0Zk0Z c0vbceK wUKv vb tQtT thme KgmiP tbqv ntqtQ tm,tjv Ae`vNZ ivLtZ nte| AnaKŠ c0qRb I AM0aKvi Abhvqx bZb ai`bi f`vKmb c0ZB i Dci tRvi w`tZ nte|

9.11| DctRjv `f` Kgtc` , BDibqb `f` I cwi evi Kj`vY tK`Ges KvgDibU wK0tK chfB Rbej , Jla I Ab`vb` wPtkrmv I tgvWK`vj mvgM0 mieivtni gva`tg kw³kuj x I mmsnZ KitZ nte| KvgDibUgJxb Rb`f` tmev w0Z KitZ KvgDibU i e`vcK AskM0Yi Rb` GbwRi t` i mg_0 vbtq`vbxq mi Kvi,tjvtK m0,3 ntZ nte|

9.12| tmtK0vix I Unk0vix`Zti` `f` tmev

kh`v mSLvi chfBZvi Dci wbfPkj tmtK0vix I Unk0vix ai`bi nvmcvZj,tjvi mwfmi c0vbi ai`tK ÷v0viWBRW KitZ nte Rbetj i c0qRbmn| G ai`bi ÷v0viWBRW di`gu`Zwi Kivi Rb` GKU Uv`ctdm` MVb KitZ nte| nvmcvZj mgtni`b`b KvRKg`cwi Pj bvi Rb` ht`vchP gibem0` `Zwi KitZ nte I e`v`cbv KwWtgV Mto Zj tZ nte| mKj tgvWK`vj Ktj R nvmcvZj mve-t`unkqv vBtRk0bi bZb bZb kvLv m0v KitZ nte hvZ RbMY wPtkrmv tmev Rb` ivRavbZ Q0U bv Avtm|

9.13| DEg I KvhRi e`v`cbvi Rb` miKwi nvmcvZj,tjvtK c0vmbK I Aw_R`vaxbZv w`tZ nte| nvmcvZj mgtni KvhRg cixwQtYi w0gtE e`v`cbv KvgU,tjvtK kw³kuj x KitZ nte|`vaxb I`vqEkwmZ BDibU wntmte bZb nvmcvZj c0Z0v KitZ nte Ges mi Kvi wba0i Z MbWj vB0i tFZti tevW`Ae U0v`R-i KvQ nvmcvZj i e`v`cbv tK n`vŠt KitZ nte| th MbWj vB MbpxZ nte Zv Reven`wvZv wclqutK tKvbtv Qvo bv w`tq Aw_R`QgZv I c0vmbK KZZj mterP cwi gvtY n`f`vŠti i Dci tK`tFZ`vKte|

9.14| tidvix wmt÷g kw³kuj xKiY

ewwefvM wPtkrmv e`v`K hZUKzm0e DrmwvZ KitZ nte| mKj tgvWK`vj Ktj R ti dwRZ tivMxK fuz`Kite| m0z tidvix wmt÷tgi GKU tBU qvK`Mto Zj tZ nte| tivMxv thb`f` mjeaw` A_0r`f` tK`I nvmcvZj t_K wPtkrmv jvtfi w0qZv cvq Ges hviv`vbxq chfQ A_0r` m0ge`ti wPtkrmv vbtZ mQg Zviv thb Unk0vix ev D`P`Íi ev tgvWK`vj Ktj R ev wtkl wqZ nvmcvZj wPtkrmv vbtZ fixo bv Kti Zv w0Z KitZ nte|

9.15| mnRj f` `f` tmev

`wi`f` i Rb` mvgwRK vbtvEv te0bx w0Z Kivi j tQt` `f` tmev we`gub e`v`K Avi I m0c0vwi Z I mmsnZ KitZ nte| miKwi LtZi evBti (wKŠ`miKwi Znvej M0Y KitQ) thme nvmcvZj /wK0K `f` tmev c0vb KitQ Zvt`i tK GUv w0Z KitZ nte th, Gme nvmcvZj i 30 kZysk wvU hviv w0R Li tP wPtkrmv vbtZ mQg bq A_0r` M0ie I A`Qg tivMx`i Rb` eivl`vKte| e`envi Kvix wd, miKwi eivl` mvgwRK mSMVb, e`w`MZ`vb/Abj vb, Kt0vU mvgwRK`wqZxj Zv, KvgDibU dvBbvY`ag, mvgwRK exgv BZ`wi i gva`tg c0qRbxq dvU mSM0h KitZ nte|

9.16| W0vix civgk0ev WqMtbw÷K ev tivM0Y0 tmev Rb` th wd e`v`v itqtQ ZvtK chfj vPbv Kiv DvPZ Ges G wd e`v`K w0qŠY KitZ nte c0qRb| thme tivMxi wPtkrmv e`q wbe0 ev wPtkrmv mjeav jvtfi Rb` A_0e`q Kivi mvg_0AvQ Zvt`i Rb` c0btfU w0tqvMi gva`tg wtkl A I m0vi wtkl A-i tBU qvK`c0Z0vq mi Kvi tK Drmwv thvMxZ nte hvZ miKwi nvmcvZj i Dci PvcUv hviv wd`mwfmi cvq Zvt`i gta` mgvex`vK|

9.17| Lv`vbtvEv I Lv`gub

9.24| weɪf bɛ ʔi i ʔbɔx mi kvi cɪkɪmb l cɪzɔvbmɔŋK kɪ³ kɪj x Kivi cɪz mɪv cɪzK Kvɪj AeʔnZ cɪz kɪz
Kvi ʔY ʔ³ i meɪvɔj K KgɪmɔmɔŋK wɛtK³ iKZ Kivi Ges weɪf bɛ ʔi i ʔbɔx mi kvi cɪzɔvbi gvaʔg dvU
eʔnvi i mɪhvm mɪv nɪqɪQ| Gaitbi eʔvi MɪY Kiv ntj mɪv³ i cɪqRbɪwɛK eʔb Ges ʔbɔx wɛ ʔPZ
Rbɪzɪwɪt i gvaʔg ʔ³ KgɪmɪP l Znɛɪj i eʔnvi wɛ ʔvɛ Z³ viwK Kiv mɛ nɪl

9.25| RvZxq "f" bmlZtK DEg cwi Kí bv, we`gvb m=ú`mgñi cpeEb, "QZv I Reven`mZv cÚZòv, AcPq nvm Ges DEg e`vcbv c=xZi Øviv`ñZvi DbmZ mvab BZ`w`i gva`tg Rb`f` tmevi Dbqñbi cÚZ`w`i tZ nte |

9.26| "f" LvZwFwEK ms`vi

"f" LvZi Pj gvb ms`vi KgñmPi AMmZ t`Lfvi Kivi Rb` "f" I cwi evi Kj`vY gšYvj tqi`wqZcÚB gšYtK mfvcwZ Kti "f" LvZ GKU ms`vi ms`v MvB KiZ nte| Pj gvb ms`vi KgñmPi tñtñ thme c`tñc tbqv ntqtQ tm,tjv hvZ mdj fñte ev`emqZ nq`mRb` G,tjvK KtVi fñte cixmñY I chñjvPbv KiZ nte| evsjv`k`mPmKrmv Dbqñb cI`tK (weGgWm) AvBtb mstkvabx Avbqñbi gva`tg cp:cÚZòv Kivi cÚPòv Pj tQ| Ab`vb` AvBbtKI KvñKi I diskbvj Kivi j`ñt chñjvPbv I kv`kvj x Kiv nte| mKj`ñi gvbms`Z "f" tmev e`v cÚZòv I Reven`mZv ep`x Kivi Rb` ckvmbK I Aw`R Dfq aítbi KZ`ZtK hZUKzm`e wetK`ñKZ Kiv nte| mKj` aítbi cvej K tnj` d`wmñjUR G e`envi Kvix wd mSMñ, mñtUbbk I e`envtñi ("m`ñ`i Rb` h_vh` mbivcÉv teóbx mbñZKiYi j`ñt") GKU mñt`g cÚZòvceR GKU MvBWj vBb`%Zwi KiZ nte|

9.27| "f" tRÜvi mgZv

RvZxq "f" bmlZ tñvKv Kite mbtge` wetqi Dci: bvix Rxtñbi mKj` chñq DEg kvixxi K I gvbmmK "f" i Rb` bvixi AwakiZtK mbñZKiY, gvZ`gZi I beRvZK gZi nvi nñmi Dci tRvi`w`tg bñt`i Rb` mcGBPmñtK kv`kvj xKiY, RbmsL` cwi Kí bv I Gi ev`evqñbi mKj`ñi bvixi cRbb` "f" I cRbb` AwakiZtK kv`kvj xKiY, mñPZbZv ep`xi gva`tg bñt`i tK GPBAvBñf/GBWm Ges GmUW t`tK iñv Kiv Ges mKj` miKwi "f" Kgñtñ: bvix-eUe` tñSZ mñeaw` mñj Kiv| Awakš` cÚPòv Ae`vñZ`vKte: (1) ZYgj` chñq mKj` MñcñvñtK cñe ce, cñeKvj xñb I cññevñi tñevñtZñe`i`Zi wetq Ae`vñZ` Kiv, (2) KvñDñvñ I Gi Dññi chñq hviv` "f" tmev cÚv KiZ Vñt`i tK tRÜvi mgZv wetq wetkI cñkñY t`qvi e`v Kiv, Ges (3) bvix I cñt` Dñtqi "f" cñqRb Ges tRÜvi`et`tgñi Dci Gme wetqi cñve BZ`w`i we`vj tqi` cWñtg AšFñ Kiv|

9.28| "QZv, Reven`mZv I t`Kñvi vñt`i AskMñY

"f" LvZ "QZv I Reven`mZv mbñZKiY Ges mñvmb ARñb miKwi tmev ms`vimgñ Ges weGgWm I weGgG-i gñZv tñkvRñx mSMVbmñ mn g`vñbRg`vñ Kñvñ GKU KvñKi fñgKv cvj b KiZ cvñtñ | t`Kñvi vi, bb-t`U G`vKui mn, wñWqv I mñwñfñ tñmvñBñmñ bñmZgñv cñqñb m=ú, KiZ nte Ges Zñt`i nvmcñvñ mgñi g`vñbñRs Kñvñ,tjvñZ AšFñ KiZ nte| AskMñY, "QZv I Reven`mZv ep`x Kñt` "f" LvZi Dbqñbi cñv cñv wetq t`Kñvi vi cñvgk`Kite|

9.29| miKwi LvZi Z`vñKgj`K fñgKv

KvñKi "f" tmev mñeivñ ep`xi Rb` bb-t`U cÚZòvbmñ mn e`v LvZi e`vKZi m=ú, KiYi Dci miKvi tRvi`w`tQ| G j`ñt "f" I cwi evi Kj`vY gšYvj tqi` Z`vñKgj`K fñgKvñtK Avi I tRviñtñv KiZ nte| mbtge` KñZcñq`i`Zcññññtñ KvñKi ti,tjvñvñ g`vñvñRg` cÚZòv KiZ nte|

1| mbtge` m=úKZ tññt,tjvñZ cñjñm e`vcbvñ Rb` "f" I cwi evi Kj`vY gšYvj q` mbiev`QbetKšKj` MZ I Z`vñKgj`K fñgKvñtK MñY Kite|

- "f" mñwññi m=úñvi Y I Dbqñbi mbtge` e`v LvZ I "f" mñkó GbñRI mn miKwi I AmiKwi Drm t`tK KvñKi I`ñt tmev j`vñtñ Rb` GKU tñvAwññññs e`v cÚZòv Kiv |
- mbtge` tKšKj` mgñi cñqñb, ev`evqñb, chñjvPbv I nñj bñvñ KiY BZ`w`i tññtñ cñqñRbñq c`tñc mbtZ nte (1) gvZ, beRvZK I mñi "f" tKšKj`, (2) we`gvb RbmsL`v bñmZtK AvñtWU Kivi gva`tg RbmsL`v tKšKj` (3) beRvZK I Af` eq`ñ mñi t`i mñwñs tKšKj`, (4) GPBAvBñf/GBWm cÚZñtñtñ Rb` tKšKj`, (5) hññ, g`vñññqv, Kvñvññ I cñvññññqvñ tñvññññññ mbtge` tKšKj` MñY, (6) bñi "f" tKšKj`, (7) AmsñvñgK e`vññ wetq tKšKj`, (8) Rñññ cñññ I mñvñvñ tKšKj`, (9) ññvñ I fñtñtññ Y e`vcbvñ tKšKj` 10) AKñtñbvñ "f" tKšKj`, (11) gvbmmK "f" I gv`Kñm tKšKj` (12) UñBeññ tnj` tKšKj`, Ges (13) Lv` mbivcÉv I Wñm ÷tññññtñ|

2| "f" I cwi evi Kj`vY gšYvj q` Zvi mbqšYgj`K I Z`vñKgj`K fñgKvñtK Avi I tRviñtñv Kite|

- ti,tjvñññ eñwñmgñtK (evsjv`k` tñwñK`ñv` Avññ tñwññv` Kvññññ, t`U tñwñK`ñv` d`vñññ, evsjv`k` bñmñ Kvññññ, evsjv`k` dñtñññ Kvññññ, Avñtññ K, tñwññ cñññ I BDbñññ tñwññ, Zñt`i g`vñññ I Kvññññ mñtñvñ Kñtñ Ges Av`kñññ Kvñññ Kivi Rb` mñg`MVññi gva`tg AwakZi Kvñññ I diskbvñ KiZ nte|
- wññRGBPñm-Gi Z`vñKgj`K`ñZv I cññññññ mñg`ñ ep`x KiZ Gi we`gvb Kvññññ I mñg`ñ chñjvPbv KiZ nte Ges Gññtñ Gñt kv`kvj x KiZ nte|

- tckvRlex ms^vmgfni mvt_ cvgkftg ti,tj,tj Uix tdgl qvK^QvKvRiYi gra'tg ^v^ tmev c0vbKvix'ti gta' c0dkbjv tgmWK'vj Gw_Km l AvPiY wewa c0Z0v Ki'tZ nte|
- miKwi l temiKwi Dfq LvtZi Rb^ KvHKi mwmfm tWij fwi e'e^v w0DZ Ki'tZ Avjv^v ti,tj Uwi ms^vi c0qvRb AvtQ wkbr Zv chfj vPbv Kti t^L'tZ nte|
- 3| ^wi^a l c0SK RbtM0xi Rb^ m0v w0v cEv te0bx w0DZ Kivi Dci miKwi LvZ w0tcl Kti ^v^ l cwi evi Kj^vY gSjYj q ewaZ bRi w^te|
- ^wi^a l c0SK RbtM0xi Rb^ h_vh_ w0v cEv Rvtji e'e^v w0DZ Ki'tZ miKwi l temiKwi LvtZi w0g'b ^v^ tmev mieiv e'e^v K Avi l m^c0hwi Z Ki'tZ nte| hviv miKv'ti KiQ t_tK eq^ fivZv cvb Zviv me miKwi nvmcvZitj w0v Pukrmv mjeav c0t0b|
- w0Kí tnj_ tWij fwi e'e^v K L^R tei Ki'tZ nte| GtZ Kti cvBjU wfmEtZ ^v^ tmev e'e^v w0 cwi Pvj bvq KvgD0b0i AskM0Ymn GKU ^e^ew^Z wnt^g Mto DWi m0ebv t^Lv w^te|
- GKU KvHKi gubUis l ti,tj Uix g^vKwbRg mn ^v^ tmev mieiv e'e^v q miKwi -temiKwi Askx^wi ZtK Avi l m^c0hwi Z l tRvtjv Ki'tZ nte|
- 4| bwiZ c0qb l cwi Kíbv Kivi Rb^ m0WK Z_ m0v Kiv, tm Z_ m0M0h Kiv l tm Z_t^i KvHKi e'e^v c0vri ^wqZj ^v^ l cwi evi Kj^vY gSjYj tqi Dci AwcZ ntq0Q|
- tivM-e^wai t0vSv, AmgZv l tR0vi ^elg^ w0lqK Z_mn w0fj tWtgvM0dK l Av_0migmRK W0v mn tnj_ B0v t^f0t0b gubUis l Bf^vj tq0t0b Rb^ cviditgY w0t^ RKmg0 AŠf^ Kti GKU w0^wi Z cwi Kíbv %Zwi Kiv|
- tivM-e^wai c0^f0e tivta AwakZi m0v^vbtK m0vqZv Ki'tZ w0g'b m0vugK e^wai bRi^wi e'e^v K Dbz Kiv| m0vugK e^wai bRi^wi e'e^v mvt_ c0vb Ams0vugK e^wai bRi^wi e'e^v K m0g0S Ki'tZ nte|
- ^v^ tmev w0tq GKU m0AvZ Pwn^v K stimulate Ki'tZ e^v K m0E K AvPiY cwi eZ0 thvM0thvM tKŠkj c0qb l ev^eqb Kiv Ges tm tKŠkj tK w0v qmWK chfj vPbv Kiv|
- chf0 m0ú^ eivl^ mg_0 w0tq cvBj Uirf0E ^vbxq chfqi cwi Kíbv (tRjv l DctRjv chfqi) c0Z0b gva'tg GKU Dbz cwi Kíbv l evtRU c0qb Kiv|
- 9.30| ^v^ e'e^vi Rb^ gube m0ú^
- ^v^ tmev KvHKi tWij fwi l Rb^ gube m0ú^ GKU _i^ZcY^Dcr^v l ^v^ l cwi evi Kj^vY gSjYj tqi Aaxtb c0Zvaxb e^vK l w0^wi Z gube m0ú^ tKŠktj ^v^ Kg0 ^fZv l Kg0^ l ^vUcY00b e'e^v, ^qZv m0gk^Yi t^qí t^ w0g'b fivmvg^nxvZv, t0vZevPK KvH^cwi t0k l ^0p^ Ávb wfmE BZ^w^ w0lq ^vb cvte| Avb0v0K l Avb0v0bK Dfq LvtZi w0g'b Rbkv^3 gub Dbq0b0i w0gt0E c^t^q w0tZ nte| Pwn^v/ c0qvRb gj^vq0b0i w0v tL miKwi l temiKwi LvtZi AwZwi^3 Rbej ^Zwi l Rb^ c^t^q w0tZ nte| AwakŠ^ ^v^ LvtZi gube m0ú^ Dbq0b0i w0gt0E KvZcq _i^ZcY^w0l tqi c0Z ^w0 w^tZ nte|
- miKwi LvtZi gube m0ú^ Dbq0b tKŠktj l AŠf^ nte thvM^Zv l AwfÁZvi Dci wfmE Kti w0v^0 t^qí t^ t^w0kqv vBtRk0b0i Rb^ K^wi qvi cvb ^Zwi Kiv Ges c^v0vZ, c^vqb l e^wji t^qí t^ ^Q l m^y00 b0vZg^vji e'e^v _vKv BZ^w^ |
- w0MZ eQi,tj,tj vZ w0v Krmv w0q^vq e^v^3 LvtZi AskM0Y t0t0Q| dtj w0v Krmv w0q^vji _YMZgub eRvq ivLv _i^ZcY^ntq t^Lv w^tq0Q| miKwi l miKwi bq Ggb ^v^ tckvRext^i c0k mwmfm w0q^v c0Z0t0b0i w0g'b GwvW0t0k b0 e'e^v K cb:cix^v Kite ^v^ l cwi evi Kj^vY gSjYj q Ges mKj ai0b0i tgmWK'vj w0q^vK ti,tj U l tKvAw00U Ki'tZ GKU Awf0b0GwvW0t0k ms^vi c0qvRb0K w0t0Pbvq w0t0e ^v^ l cwi evi Kj^vY gSjYj q|
- ^v^ tmev ^vKvixi AvPiY w0tq c0Z^qY ev aviYmn ^v^ tmev g0b0i GKU _i^ZcY^dj ntjv tivM0t^i mŠ0 AR0| PvK0x ce0k^q^vKvjxb mgtq G w0l tqi _i^Zm0útK^m^PZbZv %Zwi Kiv c0qvRb| Gj^t^q tgmWK'vj w0q^vq l c0k^q^Yi tivM0 ev00e l w0t0b0k0b0i e'e^v ivLv w0gt0E c^t^q w0tZ nte|
- mwmfm c0vbKvix'ti ^qZv m0gk^Y t^qí t^ th D^j L^thvM^ fivmvg^nxvZv itq0Q Zv Ri^wi wfmEtZ w0t0Pbvq w0tZ nte| w0g'b Rbej ^fZv c^Y l mwmfm tWij fvi0i Dbq0b0i Rb^ AwZwi^3 m0L^K b0m^t0Kv0v0k0qb l ^q^vB-av^v w0t0qM Kiv l Zvt^i c0k^qY t^qvi w0l q0t0K AM0akvi w^tZ nte|
- c0qvRbgZ Kg0e^v c0vri c^vZtK w0vFD l AvctWU Ki'tZ nte| G AvctW0Ui AŠf^ nte ^M0 GjvKvq Kg0Z ^v^ tmev c0vbKvix'ti Rb^ B0t0b0Wf ev c0Yv^v ^v0b0i e'e^v Kiv Ges gW chfqi e'e^v K t^i e^wji l c^vq0b0i w0g'b c^vZtK m0t0kvab Kiv|

9.37 " " LtZ evBti i Znvej B teik e"üZ ntq _vtK| thgb cR± GBW dvÜ, tMvej dvÜ, tm"kvj weRtbm dvÜ BZ" | mi Kvi Gme dvÜi ep"K DrmwnZ Ki te GKU mgrSZ Dcvq Ges RvZxq mnt÷tgi mvt_ Gj vBbW Ki te|

10| gubUis I gj "vqb

10.1| RvZxq " " bxiZi ev"eqb gubUis Kivi Rb" eü÷ wfE K GtCP MhY Ki tZ nte| " " bxiZi ev" eqbtbi t"t AvsÍ:LvZwfE Gj "vqb peer review bxiZi cQvM NUvtZ nte| " " LtZ A_ewbtqM Kivi KivtY RbMtYi " " I " b" b Rxtbi th DbZ nt"Q Zv wüÖZ Kivi j t" gw chqci cKZ djvdj tK gj "vqb AvDuctj I cviditgY wfE K Gj "vqb c"Z e"eni Ki tZ nte|

10.2| RvZxq " " bxiZi K GKU RxeŠ-I Pj gub "vj j mntte metePbv Ki tZ nte| chqj vPbv gra'tg GtK wciqWk"vj AvctWU Ki tZ nte| RvZxq " " bxiZi ev"eqb Ae"v metq " " I cwi Kíbv gšYvj q cÖZ eQi GKU cÖZte" b "Zwi Ki te| G cÖZte" tbi I ci RbgZ hvPvB, gZvgZ I cvgkMhYi Rb" Rbm" L cKvk Ki tZ nte| cÖZ cüP eQti Gkevi RvZxq " " bxiZi chqj vPbv, gj "vqb I hMvcthvMx ev nvj bMv" Ki tZ nte|

11| eÜLvZ wfE K mntHvMZv

GÜv "KZ th, bMwi Kti i mweK Kj "Y wbfP Kti mgvR I A_ bxiZi wefbaLvZi disks-Gi Dci | " " LtZi Dbqtb cQvRb msikó gšYvj q, GtRÝx I wefbaLvZ KZK MpxZ bxiZ I tCÖMtgí mvt_ cÖ" " mrvqZv I Avš"qv Kiv| (K) "vbxq mi Kvi, c j x Dbqtb I mgevq gšYvj q, cwi tek, mgvR Kj "Y, Kul, wí, Z_, ewYR", A_ BZ" w" gšYvj tqi Kvhpq " " metqK djvdj tK teMevb Kti | RvZxq " " bxiZi mdj ev"eqbtb " " I cwi evi Kj "Y gšYvj tqi wfZti I evBti i wefbaKwi Mwi msMvB I GtRÝxi AskMhY "ZpY (L) RvZxq " " bxiZi ev"eqbtb e"ü" LtZi " " tmev cÜvbKvix I Jla cÖZKvi Kiv| "ZpY Gv"i | (M) AnaKŠ RvZxq " " bxiZi ev"eqbtb gvm wgvWqv, GKvWvgK gnj, tckvRxe tMvöx, GbwRI, KvgDwbU wfE K msMvB, wmfj tmmvBü msMvB BZ" w" i cÖ" " Askx" wí Zj I m"qv AskMhY cQvRb| " " LtZi j " tK GmMq wbtZ mntHvMZvi we" gvb vj stKR I cÖZömbK e"vtK k"kvj x Kivi cvkvcmk cwi "üwi K wqv bZb Dcvqci mÜvb Ki te RvZxq " " bxiZi |

Dcmsnvi

" " , cü I RbmL"vi t"t mdj Zv ARtbi Rb" GKU mmsMvZ I tUKmB " " e"v cQvRb hv Avevi KvgDwbU I RvZxq chqj GBPGbici cQvRtb mvo"vtb m"lg| " " RbtMvöxi " " Ae"vi Dbqtb I " " m"üKZ GgWwR ARtbi mdj ntZ RvZxq " " e"vtK k"kvj x Kivi Rb" Ri"wi cÖPón AZ"vek"K| GÜv wbfPkvj AnaK e"q Kiv (m"ü" wfE K m"chwi Z I MfxiZi Kiv), DËgfvt e"q Kiv (mVKfvte mVK KvR Kiv) Ges mVK tMvöxi Rb" e"q Kiv (e"q I mjeav wKfvte ewUZ nte Zv wba"Y Kiv) BZ" w" i Dci | RvZxq " " bxiZi mdj ev"eqbtbi gj ntj v mjp ivR%bZK A%Kvi |