



RBhraCaNacRkkm&a  
Cati sasna RBHmhakSRt

RkmRbikSaGaCakNpI

mCÄmNp Pibj / GaKar (A) / viFl  
sFars/ sgät;Tengasak/ xNpMarmn  
TüsBpTüsar<sup>3</sup>-855-231220793

sNpWogel x<sup>3</sup> 49104

kal brécaénesckpögab<sup>3</sup> éf<sup>1</sup>127 Exkkála qäl2004

esckpögabGaCakNpI

-eFVLgEpKtammaRta 313 énc,absPbkargar;

Rkmhmkatedr hU hg

-pTel x266 pTel x271 sgät;Tikfa xNpSSEkv raCFan Pibj / TüsBp 011 653 457;

33333

ng

kmkrnéyaCiténRkmhmkatedr hU hg

-pTel x788 pTel x474 sgät;Tikfa xNpMarmn raCFan Pibj / TüsBp<sup>3</sup> 012 670 237;

bBaäGvivaT

-enAkgr)aykarNpShpSaminSHCa ;

- 1- kmkrnéyaCitTamTar [Rkmhmk GnutPkarQbsMakBësscbBaHkmkrTëTA ehlyrkSar)ak;  
Qü RbcaMf<sup>1</sup> ngR)akrgüneTogTatRbcaMkenAdEd I edayeFkarkat;kgéTAnqkarQb;  
sMakRbcaMjäm
- 2- kmkrnéyaCitTamTar [Rkmhmk GnutPspQbsMakI MhmatPaBEdI eFkar)anMyqäm  
edaypp<sup>1</sup> R)ak,Qü RbcaMk50PaKry R)akrgüneFkareTogTatRbcaMk100PaKry -5dü a;  
ngR)akrgüneGtItPaBkargar100PaKry .

3- kmikrniyaCit TamTar [ Rkmhnt eF#sovePAbitbgmly éF#p<sup>2</sup> .

### GINacyt#Fkar<sup>1</sup> rbsRkmRbkSaGaCakN#l

RkmRbkSaGaCakN#l TTV GINackgkarecj esck#pg#benH EpkTBr -x!<sup>2</sup> C#kT12 énc,ab; s#kargaq#1997/ Rbkass#k#begt#RkmRbkSaGaCakN#l -el x 338 éF#11 ExF#q#1002;/ Rbkass#RkmRbkSaGaCakN#l el x099 cléf#121 Exemsa q#1004/ Rbkass#k#Etgt#l smaCkRkmRbkSaGaCakN#l el x103 cléf#126 Exemsa q#1004 nig v#F#ans#G#h#iv#F#RkmRbkSa GaCakN#l .

smaSPaBénRkmGaCakN#l

GaCakN#l eRCiser#edayPa#k#h#yaCk<sup>3</sup> el ak eka fac

GaCakN#l eRCiser#edayPa#k#k#rniyaCit<sup>3</sup> el ak Th span;

RbFanRkmGaCakN#l eRCiser#edayGaCakN#l Ta#l#BrxageI<sup>3</sup> el ak s#x maeF#G

kal b#ic#éng#TkEng#svnakar<sup>3</sup>

éF#102 Exkka q#1004 evI aemag8<sup>3</sup>00 R#k enAel xaF#kard#RkmRbkSaGaCakN#l .

esck#peg#ber#G#k#p

Rkmhnt katedr h#h#g manC#l kmikrniyaCit cl#h#533nak; .

kmikrniyaCit)andakBak#b#N#jeTAGFkarkargarx#N#s#SEkv enAéF#131 Ex]sPa q#1004 edm,ITamTar [ RkmhntGnut#l k#N#kargar ( )anRt#mRt#Ut#mc,abkargar . mRn#G#F#k#ic#k#argar x#N#s#SEkv)anch#ed#H#s#ay#b#B#é#h#cab#B#é#f#12d#l éF#112 Exmif#na q#1004 ehlyTTV )anI T#l s#H#Ca ng#K#)an07c#N#ceI lvaT10c#N#ce .

Pa#k#k#rniyaCit s#l# Rkmhnt#rk#Sa#l)akrg#h#k#argareTotTat5d#l as#l#b#k#k#r niyaCitTa#l G#s#K# enAe#l#Ed#l B#ke#K#Q#b#s#k#B#ess minfae#L#y#C#ak#k#re#B#j s#i#s# b#m#in#T#ane#B#j s#i#s#na#HeT ehlyB#ke#K#s#x#cit#l# Rkmhnt#kat#R#)ak#Q#l R#b#ca#l#F#p#s#k#k#rniyaCit minTan;e#B#j s#i#s#.

<sup>1</sup> GINacyt#Fkar<sup>3</sup> man#y#fa GINact#l akar  
<sup>2</sup> m#kta 309 d#l ;m#kta 317 énc,abs#k#k#argar

PaKkmpkrnëyaCitGHGagfa kmpkrTabG; mansitSnsMarQbsMakRbcaldM)anmYéfRnt  
enAeBI BkeK)aneFlkar [nëyaCkmYExeBj . ehtdcti PaKkmpkrnëyaCit TamTar [RkmhnrkSa  
R)akrgtneFlkareTogTateBj nig R)akQü RbcaldM Bj bñp [RkmhnrkatkgngkarQbsMakRbcaldM  
vij . ebkmpkrNaminmansitQbsMakRbcaldM enaHRkmhnrGackatR)akenaHBR)akQü vij enAeBI  
bBaðkicSnuakargar .

PaKhëyaCkGHGagfa kmpkrnëyaCiteBj sitTbmansitQbsMakBëss)an rÉkmpkrminTan;  
eBj sitKansitQbsMakBëssenatE . nëyaCkTTV sÁI fa bñbBeflkarQgRkmhnr)anbExmk  
kmpkrTabG;)ankayCakmpkreBj sitShly bñpkarGnutpknngmk BkeKenAminTanmansitQbsMak  
BëssenAeLlyeT rhtTal EteFlkar)an6Exsn . bñpPaKhëyaCk )anTTV sÁI fa eTatCamnTan;  
eBj sitKeday kmpkrnëyaCitmansitQbsMakBëss)andtkmpkreBj sitEdr . tamkarGnutp  
RkmhnrkSaR)akrgtneFlkareTogTateEdI bñpkatR)akQü RbcaldM enAeBI BkeKQbsMakBëss .  
PaKhëyaCk cg;)ankarRBmeRBogmY edayrkSaR)akrgtneFlkareTogTate; sbokmpkrnëyaCitTabG;  
enAdEdI enAeBI BkeKQbsMakBëss bñpkatR)akQü RbcaldM BkmpkrnëyaCit EdI)aneFlkarkg  
Rkmhnr)antcCagmYqM

PaKkmpkrnëyaCitGHGagfa eyagtammarTa183enc,abkargar eBI QbsMakI MhmatPaB  
RsRtUTTV )ankarQbsMak90éfPhly)anR)akQü 50PaKry . kmpkrnëyaCitbBaðkeTotfa eyag  
tamesckChdNngel x017rbsRksYsgñkic©kargar/ RspQbsMakI MhmatPaB RtUTTV )anR)ak;  
GtitPaBkargar100PaKry nigR)akrgtneFlkareTogTate5dl æspng100PaKry . bEnñel enHeTot  
kmpkrtvafa RsbtamkarbkRsayrbs; el ak hY canFI - RbFannaykdanGFkarkic©kargar  
)anbBaðkic,as;Nas;fa eBI QbsMakI MhmatPaB RsRtUTTV )ankarQbsMak90éfPhly)anR)akQü  
50PaKry/ )anR)akGtitPaBkargar100PaKry nig )anR)akrgtneFlkareTogTate5dl æspng100  
PaKry .

PaKhëyaCkGHGagfa xñngelItamc,abrbsRksYsgñkic©kargar . nëyaCkGnBaðt [Rsp  
QbsMakI MhmatPaB90éfPhly ehlypt R)akQü 50PaKry/ R)akGtitPaBkargar50PaKry bñp  
mñpñ ; [R)akrgtneFlkareTogTateT BëRBaHR)akeFlkareTogTatenHTal EteFlkar)anmYExeBj eTbGac  
TTV )an . ebkmpkrnëyaCitNamineFlkareT min)anR)akenHeT . CaCMsvij nëyaCkGHGagfa xñ

)anpfi R)ak;15du asMabéF7kedaHeKa . kar [R)ak;GttPaBkargar50PaKryenH niyaCkyI;fa vaRsbngR)ak;Qü 50PaKry EdI kmjkrRtUTTVI )anenAeBI QbsMakI MhmatPaB .

PaKkmjkrniyaCitTamTar [RkmhneF7sovePAedm,bitbgEdI xüeF)anCaerogral éf) BerBal T1- enAeragRkepSgeTotxümanbitRbcabif)dr ehlyxüeToteKKitmY/GaTitümp/ T2- Rkmhmin EdI bgäj dI kmjkrG)rebobKitR)ak; yagNaenaHeT ehlyminEdI bBaak;fa k)ExnimY<sup>2</sup>manmashtxt b)pnemageT/ T3- kmjkrniyaCitmankarmnH sgS)Yfa RkmhInGacKitR)ak;Qü x)SBchMh EdI kmjkr eF)anBitR)akd . kmjkrGHGageTotfa RkmhInenHmaneRbR)asmashicas<sup>2</sup>/ eRK0gbonas;Gn/ ehly mashTajenahtCaj k)j ab; . c)NkÉCagCVS)Cil mashivij manG)kxüminechCVS)Cil mashet ehlyCVS)Cil y)WefmeTot . r)ERbFanRkmCnCa)tc)ivij maneBj xüminhanc)ht)l xabBaak;fa manmashtxt eT . kmjkrx)cit)TVI ykfa ebmashtxt)kn)emagcd min)ac)KitR)ak; k)inGedr Eteb)kteI)SBenH Rt)UeT)KitR)ak; [B)keK .

PaKheyaCkGHGagfa enAk)RkmhInenH manKNen y)kr)Et)bhakeT ebl [RkmhInKitbgmY)é) m)genah RkmhminGaceF)aneL)ly BerBalmankmjkr)redreRchnak;Nas; . kmjkrGaceTABnitübg)rs; xü mY/GaTitümp)an . tamkarGn)tp)S)B)é)F)H K)M)Y)é)F)kmhInR)om)U)bg)mp) ehlymY/GaTitü RkmhIn )anEckRk)das)Ba)KitR)akenHeTARbFanRkmnimY<sup>2</sup> edm,I [B)keK)R)ab)bn)TAK)BRkm)rs;xü B)hitüem)ll ebmanx)S RkmhInKiteL)gvij . RkmhIn seg)teX)ij fa tab)BRkmhInGn)Ba)ti [edr s)bg)mk mankmjkrPa)keR)chedr)aneI On ehlyk)Y)ak)ak;Qü e)rch)edr . cab)EXkk)da q)ü)2004 enH teTAenAeBI Na)k)an)kargar [kmjkr)F)T RkmhInng)bh)W mY)é)F)S)M)g)1du 73esn b)en)B)el)bg) EdI kmjkr)F)an enAeBI kmjkr)enAk)RkmhIn beTAC)Y)é)F)karenAk)Eng)ep)Sg . b)ün)pb)RkmhIn [eTAp)H enahRkmhInng)Kit [Et50PaKryeT . ebmashtxt)R)tm)2emagcd RkmhminKitR)ak;Qü [eT b)ün)pb) ebmashtxt)el)SB)2emageL)geT)B)RkmhInKitR)ak;Qü [ .

*enAk)S)vnakar Pa)K)T)aj)B)I)an)É)k)Pa)K)ä)l c)M)ob)Ba)T)1 ehlyenAsI b)Ba)T)2ng)T)B EdI Rkm)R)ok)Sa)Ga)C)ik)N)pl Rt)U)ec)j esck)pg)Ab; .*

### karrkeX)J Gg)A)ntü

- eRkayB)anB)hitüeI k)M)N)teh)tn)karp)Sh)P)Sav)I)T)kargar)H) .
- eRkayB)an)S)pb)kar)bg)äj R)abr)bs)Pa)R)kmhIn)ng)kmjkr)niya)Cit enAk)S)vnakar .
- eRkayB)an)B)hitü)É)k)S)arep)Sg<sup>2</sup> EdI Bak)Bn)S)z



néyaCit maneBl evl aRkbrKan; Bhitüemll cMh bgrbsekEdl edr) ankümyGaTitümg. ehlyenA eBl maslnxt. RkmhnmngsresrpakFm bitenACitkEngCitmasblEdl xtenaH edm,I[ dngfa maslnaH xtdbnpnemag.

ehnpil sNdeFwckpncf  
cNcbBöt2

Rkmhm)anppl ;[RspQbsMak90éF]. kfaxN~~1~~énmaRta182énc,ab; kargarqáM1997 Ecgfa *küshRkasTajGs; Edl manrabkümaRta1énc,abenH RspTajLayRtUmansilQbsMakAsbéf* edm,smI kb . dñchl karGnutpenHBitCa)anRtmRtUtammaRta182. PaKItajBrBManTmasGVBakBn% ngcMncbBañHeT .

Rkmhm)anppl R)akQü 50PaKrypgEdr . kfaxN~~1~~énmaRta183énc,abkargar Ecgfa *küeBl Edl RspQbsMak dtmanEcgkümaRtaxagel I RshansilRtU)anR)akQü BakkNpl KitTaj R)akbnbbnSmg edaynéyaCkebk [ .* dñchl karGnutpenH manI kN<sup>3</sup>RtmRtUtampüc,ab; dtman EcgkümaRta183 . PaKItajBrBManTmasGVBakBn% ngBakBn% ngkarpl R)akQü mU dan Bak; kNpl enHeT .

PaKñeyaCk )anyI RBmfanngppl R)akGtitPaBkargar50PaKrydI RspQbsMaksMakI kb . eyagtammaRta183xagel I RkmRbikSaGaCakNpl rkeXij fa R)akGtitPaBkargarenH GacCaR)ak; bnbbbnSM BbrBañeKal bMngbrbsmaRtaenHTMgCacgppl ;[RspMaksMakI kbTTV )an nUpI RbeyaCn\_ yagticspñgBakkNpl énpI RbeyaCn\_Edl xñTTV )aneBl eFKarFmpta . müagvij eTot eyagtam cMncTBenescckpñdMngel x017 chéfñ18 Exkkala qáM2000rbsRksygsñkic@kargar néyaCk RtUtebk [ kmkrnéyaCitrbstxñTajGs; nUR)akGtitPaBkargarenH . cMncTBenHEcgfa kmkr néyaCitEdl *eFKar)an cabBñyqñLg RtU)anR)akrgñGtitPaB kargar2dul aGæmrkkümyEx/ eFKar)ancabBñyqñLg RtU)anR)akrgñGtitPaBkargar3dul aGæmrkkümyEx/ eFKar)ancabBñyqñLg RtU)anR)akrgñGtitPaBkargar4dul aGæmrkkümyEx nig eFKar)ancabBñyqñLg RtU)an R)akrgñGtitPaBkargar5dul aGæmrkkümyEx .* RkmRbikSaGaCakNpl yI eXij fa R)akQü GtitPaBkargarenH sñkñGtibñénmaRta183enH ehlynéyaCk RtUtebk [RspQbsMakI Mh matPaB yagticspñgBakkNpl énr)akGtitPaBkargarenH .

PaKheyaCk)anGnutkarpil R)ak;15du asMabefTikedateKad I Rspdi ObsMaksMali kth .  
eyagtameKal karNenmarTa13enc,abkargarqam1997 sGBlil kn<sup>3</sup>CaescckpogAb,CasaFarN<sup>3</sup> c,ab;  
enH minEmnCa]bsKMin [bNpRkmhIn pti pl RbeyaCn [ kmkrneyaCit)anRbestCagc,abkMnt; .  
CagenHeTot kfaxN<sup>2</sup>2 enmarTa183 Ecgfa **RspkSasiTatRsg kugkarTTV vtBNayepSgeTot**  
**RbsiCaman** . RkmRbkSaGaCakNpl yI eXij fa GMBfbsRkmhIn EdI )anpI R)akefTikedateKa  
15du e [RspMaksMali kthenH CakarI RbestNas; .

bInp RkmhInmin)anpI ; ehlyminyI RBmpI R)ak,Qti eFkareTogTat5du akugmyEx dI Rsp  
EdI ObsMali MhmatPaBeT .

PaKkmkrneyaCit GHGagkugsvnakarfa eyagtamI xitrbseI akht canFI - RbFanaykdan  
GFkarkicRargar cHeft124 Exmkra qam2003 CbcBabel akRbFanRkmhIn salhan; eBI stak  
stali kth BkeKRtUEt)anR)akrgtheFkareTogTatenHeBI eshpj5du akugmyEx . I xitrbseI ak ht  
canFI)anbBaakRtgcMn: T2fa **karObsMkrbsRspeBI stali kImany<sup>3</sup>eBI 90eft. eyagmarTa**  
**183enc,absBkargarcbBaRsnEdI eFkarkugshRkasaygtic1qamogmk RtU)anR)ak,Qti chh**  
**BakkNpl nigR)akbnbbnSipSgeTot eBal KmtU)anTTV R)akrgtheFkareTogTatRbcalk nigR)ak;**  
**rgtheFkamlyqam-GtitPaBkargar;dEdI BMankapasbjeT** .: RkmRbkSaGaCakNpl yI eXij fa  
I xitenHKWakarbkRsaymarTa183enc,abkargar eyagtamTsSn<sup>3</sup>rbsKatpAl xti . karbkRsay  
enah minmanI kn<sup>3</sup>Cal xitbTdanCac,ab; EdI neyaCknigkmkrneyaCit RtUEtGnutjtamedayeCos  
min)anenahET KWKanEtCaEksarENnahtbaN<sup>2</sup>H . muagvij eTot RkmRbkSaGaCakNpl rkeXij fa  
TsSn<sup>3</sup> EdI Kat;)anbkRsaymkenH min)anbBaBbaR RkmGaCakNpl [yI RsbtamTajRsgenah  
eT .

BakBn(R)akrgtheFkareTogTat; RkmRbkSaGaCakNpl yI eXij fa caGacsRkugEdnGINac  
enmarTa183enc,abkargar EdI GackMnt;fa CaR)akbnbbnSM. bInp marTa183enH min)anEcgc,as;  
I asfa R)akbnbbnSahaHmanrabbBaR GkbeT . GEdI RkmRbkSaGaCakNpl y rkeXij fa man  
I kn<sup>3</sup>c,as;I asenahKWCIN:TBenesckpbdMng el x017 cHeft118 Exkkala qam2000 rbsRksb  
sgnkic<sup>o</sup>kargar Ecgfa **kmkrneyaCitEdI eFkareTogTatencMheftEdI RtUeFkarkugmyEx<sup>2</sup> enah**  
**RtU)anR)akrgtheFkareTogTat5du aGaemrkugmyEx** . ebyagtamesckpbdMngenHEtmYenah RspI Mh  
matPaB TmgCamin)anR)akrgtheFkareTogTatenHeT BBRBaHKatmin)aneTaeFkarCakEsjeT KWDbSM







RbFanRkmGaCakNpl 3

Sxi maeFog

ht0l xa

esckpogAbenHngkayCas0Br bnbBéF0hdINgG0esckpogAbcmh8éF0ebsinCamnman PaKINamky  
dakBaküCWasCal ayl kGkSr eTAel xaFkardanénRkmRbikSaGaCakNpl k0ryHeBl enHeT .

esckpogAbenH ngkayCas0BrPam2ehlyGnutp0BaHPaKEtmj ebsinCaPaKénvivaT)anRBm  
eRBogKäCammCal ayl kGkSr mmeBl karC0hdINgG0esckpogAb; bebsinCaPaKlivaTCabkatBkic©  
RtUGnutptamGnsBadrinEdl EcgfakarCWasngesckpogAbminGacGnBa0teGayeFVaneLy .