

Gökar Bilim ve Sanat
Enstitüsü
Bilim ve Sanat Enstitüsü

Yayın No: 15
S. 1
I. K. Kargar
Köyü Katedren Akademi

Ex t. a. q. 2005

1	esckppm.....	3
1>1	RovtjnKMag.....	3
1>2	RbBkAmXamll.....	4
1>3	r)aykarNsmYakenH.....	5
2	vDAnPaEdI sM(c)ankgkarGnwtpnVsnNhbBrrbsKMag.....	7
2>1	I kxNkargar.....	10
2>1>1	bTbBæpkj.....	10
2>1>2	kiçSniakargar.....	11
2>1>3	GnsBañh.....	13
2>1>4	RakQü.....	13
2>1>5	frevl æFkar.....	19
2>1>6	karQbsMk.....	21
2>1>7	karQbsMkI MhmatPaB.....	25
2>1>8	karb)Akd.....	25
2>1>9	bnbb)Akd ¼Tarkdæ.....	26
2>1>10	karobotbonxagptEPT.....	27
2>1>11	\ryabfminsrmü.....	27
2>1>12	kareriseGb.....	27
2>1>13	kargaredaybgM.....	27
2>1>14	BI kmkmar.....	28
2>2	swtPaB nig sM PaBkargar.....	28
2>2>1	ekal neya)aysutPaB nig sM PaBkargar.....	28
2>2>2	eKalfakargar¼CMCAl ³	29
2>2>3	takal ksMbeKalfakargar¼CMCAl ³	29
2>2>4	karcatEcgkargarsegñbnln.....	30
2>2>5	karsegñbzmm.....	31
2>2>6	Kil andæ.....	32
2>2>7	karstTk¼karebR)asssFateKalfak.....	33
2>2>8	vFankarNkarBar.....	34
2>2>9	ePhbMM.....	35
2>2>10	sM grMan.....	35
2>2>11	sutPaBéneKQgmash.....	36
2>2>12	xül ecj cU nigkMA.....	36
2>2>13	ekhkic©.....	37

2-2-14	TksMhB	38
2-2-15	brkGnamy	39
2-2-16	karGgy	41
2-2-17	Gahardaa	41
2-2-18	sMar ³ pal xdi	42
2-3	TMak;TMgkargar	42
2-3-1	esrPaBrbskmpkrieyacitkijkarobcM	42
2-3-2	kariseGhRoqatshCB	44
2-3-3	RbtPbKA k	44
2-3-4	mP ² TMak;TMg	46
2-3-5	viraTrh	46
2-3-6	kdkm/L keGA	47
2-3-7	viraTbKA	49
3	esckpsegpGMSAnPaBénkarGnwtp ₁ tameragcRknmly ²	50

1 esckppm

1> RovtþnkMag

visykatedrsM okbBak;) anrkl III asyagel Oncab,adjBcgTsvtSngáM 990mk PaK&ch énkarl III asenH KWay sarI kxVIGM Naypl xagBaNCkmpu EdI p&secj mkBkicBmeBógBhu srésGM)al (MFA). ekankarcHht&I x&el kicBmeBógT&T&Ael Bn&svann&tcj b=cU nigBaNCkmpu (GATT) kicBmeBógBhu srésGM)al)aneFIC RoetsEdI mantM pl itsM okbBakxsddCa Roets shrd&æmrk nig RoetssshPa&Gvb dak&Ntel karn&U BRoetsEdI mantM pl itsM okbBak; Tab ddCaRoetsch nig \N&.

Roetskm&ak&TV)anpl RoeyaCn&n&obn&S&Ur . edayEpkel kark&Ntel karn&U GkTij éRoetsGikman cabepmTij sM okbBakBRoetsEdI Bmank&Ntch&Mk&Ua . Roetskm&CaRoets mYk&g&cn&NamRoetsT&genH . BaNCkmpsM okbBak&enAk&gRoetskm&Ca)ancabepmyagq&abr&h& enAq&áM 998 ehlyrda&P)al shrd&æmrk cabepm&F&kar&c&æ&dm, bakRoetskm&Ca&an&A&kanRo&B&K&Ua. kicBmeBóg)an&Ntch&Mk&Ua&tcj pl it&pl katedrBRoetskm&Ca eT&AnigI kxVIG&B&arg&ehlyshrd&æ G&æmrk nigpl r&g&h&tcj dI km&Ca&dv&NaRoetskm&Ca&e&F&kar&EkI M ()anRoesh&U&I kxVIG&B&arg&ar .

KMag&rc&K&kan&Ft&best&nk&M&Ca -EdI Bm&Rt&U)ane&S&ál fa K&Mag&EkI M I kxVIG&B&arg&ark&g visykatedren&K&M&Ca; beg&le&L&g&g&q&áM 2001 edm, C&Y&dI K&Mag&en&HTV)an nig&e&F&kar&EkI M ()an Roesh&e&L&gn&U&I kxVIG&B&arg&ar . K&Mag&X&æ&M&I nig&ray&kar&NB&I&I kxVIG&B&arg&ar&G&B&rag&rc&K&atedren&Ak&g Roetskm&Ca [e&T&at&amb&T&æ&C&ati nig&G&n&C&ati . K&Mag&Y&an&C&Y&dI &rag&c&rc&e&F&I&C& man&kar&ek&hp&I&it&Pa&B pg&Edr ehly&e&F&kar&Cam&Y&rda&P)al nig&G&ik&Tij G&n&C&ati&dm, F&ana&[&R&ak&dfa man&v&ð&n&kar&EkI M I kxVIG&B&arg&arm&Y&dv&as&I&as&nig&h&t&ct&.

kicBmeBógBhu srésGM)al)anp&tk&N&ten&é&F&I&I 30 Ex F&í&q&áM 2004 EdI pl »kas&dI Roets T&aj&G&se&F&kar&Rok&Y&Ro&EC&g&Cal k&N&³&sk&I . kicBmeBógBaNCkmp&M&Ca shrd&æ&mrk&Y&an&b&æ&pg Edren&Ad&M&ac&q&áM 2004 . G&ik&pl it&t&²& ddCaRoetskm&Ca \L&U&en&Rt&U&e&F&I&C& man&kar&el ce&F&a&C&ag&e&Ken&A k&g&T&p&S&are&ls&n&Ca&B&ke&K&c&gr&k&S&akar&Rok&Y&Ro&EC&g . Roetskm&Ca)ane&F&I&C&el ce&F&ak&g&k&M&Y& EdI man&kar&e&F&I&C& Roesh&e&L&gn&U&I kxVIG&B&arg&ar&Cal M&ab; nig)ans&M& dI kar&pl B&Y&man EdI G&ace&C&O&T&k&cit&P&an&G&M& kar&e&K&ar&Bc, ab&K&arg&ar b&T&æ&C&ati nig&G&n&C&ati&rs&er&ag&c&rc&K . **KMag&rc&K&kan&Ft&best&nk&M&Ca** nig&e&F&kar&S&U&e&S&g& edm, e&F&kar&ks&agn&U&Pa&Br&k&æ&M&H&EdI man&re&æ&S&ce&hly&enH .

KMageragcRkkanftbostenAkm&a RtU)anENnatRng;TisedA edayKN³kmkarRokSaKMag (PAC) EdI mansmasPaBéntNagbPaKI edayPaKItNagnmY²mkBl raCrdæP)al km&a smaKm eragcRkkatedrenAkm&a (GMAC) nigmkBtI nashCBkm&a . KN³kmkarRokSaKMag pl »vaTdI ; KMagel Rkb,skmpArbsxüTajGs;CarhmankarctX&hll karEkI M nig nrmPaBrbsKMag .

1.2 Rob&amX&hll

Rob&amX&hll rihmanbEpiksMan² dtteTAenH³

- karctbBakæragcRkEdI cÜ rih
- karcthtanX&hll nigefV)aykarNGBlkarctBnitüemll TajenH
- karefV)aykarNGBl TøI EdI)anrkeXij TajGsBkargartanX&hll

karctbBakæneragcRkEdI cÜ rih

mll eh tom,gmYEdI KMagenHTTV)aneCaCYmkdI sBtf&h KMaRberagcRkkatedr sM okbBakTajGsænAküRoETS EdI nMcj)ancbBakæCamYKMag . eTahbkarctbBakæCamY KMagCakarS&cit&eday k&ks&yBaNC&km)antRmU[eragcRk RtUcbBakæCamYKMagk&karTTV)annUGaC&bV&N&ttj .

eBI EdI RkmhtucbBakæCamYKMag Bk&kyI RBm [GiktanX&hll rbsGg&karBI km&npCati cÜ eTABnitüemll sBTKeng&k&geragcRk GnB&tt [GiktanX&hll rbsGg&karBI km&npCati eF&kar R)ak&yTak;Tgedayesrl CamYRotP&K& k tNagshCBkm&krneya&cit km&krneya&citrbseragcRk Taj&xagk& nig xageR&Abri&vNeragcRk .

nitiF&k&kar&f&artanX&hll

KMageragcRkkanftbostenAkm&a manGikX&hll cMh 12 nak; EdI manKa&Brnak; k&g&kar ctBnitüemll eragcRk nig karmkdI eragcRkedayminCüB&ZmanCamu . bB&ap&g&pat;rb&S&GikX&hll EdI Epkel t,ab&S&B&arg&akm&a nig bT&æ&R&kr&bsGg&karBI km&npCati manCag 500 cMh . edm,Fana [mans&B&it&üPa&B GikX&hll eF&kar&S&Masn&CamY&km&krneya&cit nig GikR&b&R&gedayELk BK&a nigedayrk&Sakar&S&gat; . kar&S&Masn&CamY&km&krneya&citCa&F&mt&æ&F&L&genA&q&ly&BeragcRk . GikX&hll k&er&kar&S&Masn&CamY&RotP&K& k nig emdk&nat&hCB&pg&edr . GikX&hll k&y&an&es&is&M

GikRbRgeragcRk [p] nUksarBakBifana -dCobBakR)akEx KMLbePTkicSnuä ÉksarsB
karQobSMLknana . I . ; edm,bBakBPstIragén I kxVlBargar nig xnanaénkicSnuä .

GikRbRgeragcRkTTV)annUr)aykarN_sPrbokKMLij nana EdI rñbBaP TajsMLhBrSMLb;
EkERb I kxVlE RbesrpgEdr . eragcRkman»kaseFikarbdesFCal ay I kGkSrcMLhBr EdI BK
ekminyI RBm . edayEpkel sMLNBGikRbRkg KMagGacngCYdI eragcRknanakGkarGnutp
sMLhBrEdI el kelgedayKMag .

karctBnitütandanRtU)aneFILgedaymanKäBrnak; EdI CæKal karNyagehacNas; RtUman
GikXæML mlkCasmaCkénRkmXæML EdI)ancBnitüeragcRkkaI Bmo . karctBnitütandanenH
GikXæML)anepteTæI vD/AnPaEdI sMLc)ankGkarGnutpñUsMLhBr . bEnfñBel enHeTot Giktan
XæML kBnitüemil karpesbPtak;TgnngbTdnkargarsMan² mycMLmanCaGaTæsrPaBkGkarbegit
CaGgkarvCaCl³ nig BI kmkmar RBmTajkarpesbPMan² Tak;Tgnng I kxVlBargarnananAeragcRk .

ntivFkj KareFI)aykarN_s

bEnfñel karpil ;[r)aykarN_pal rbseragcRknmy² KMagEfMTajerobctM)aykarN_sMyaK
EdI ngppl nlesckpNhaCaTETABII kxVlBargarenAkGcegáneragcRk -eragcRkTajGSRtU)anEbgEck
CaRkm² enAeBI EdI eragcRkTajenahcLbBaka; . r)aykarN_sMyaKEdI manbgöj Bil TöI rkeXij
kjéBI ctBnitüemil el kdmlj KBManbgöj [dngBeQperagcRkeT edm,p] nUeBI evI asmRsbmly
dI eragcRk sMLbeFikarEkERbeFIL RbesrLgnUl kxVlBargar . eTahCayagNar)aykarN_sMyaK
EdI rabGMLkarctBnitütandanel eragcRk KMLUbgöj [dngBeQperagcRknana EdI bBaP kjé
r)aykarN_sMyaK . KN³kmkarRokSaKMag eFikarBPakSral r)aykarN_sMyaKTajGs; ehly
eyabI nanarbsxü RtU)anktRtaTk . r)aykarN_sMyaKmanTajPasæxp nigPasaGgeKs ehlyRtU
)anpSBpSayel ITBzob say rbsGgkarBI kmGnpCati .

1>3 r)aykarN_sMyaKenH

r)aykarN_sMyaKTI 15 enH manesckpNhaCarñTETAGB/D/AnPaEdI sMLc)anedayeragcRk
edm,eFikarEk I M [)anRbesrñUl kxVlBargarenAtameragcRknmy² EdI)anrkeXij kjéBI ct
Bnitütandanel kTI 3 . deçehly r)aykarN_sMyaKel kenH eFikarBnitüemil vD/AnPaEdI sMLc)an
edayeragcRkML 24 rvagcnaHeBI BkarRtV BnitütandanTI 2 nig TI 3 kjékarGnutpñUsMLhBrEdI

)anel keLgedayKMag edm, eFkarEkI [] anRbestnUl kxVdKargar. BedmeLy maneragcRkchh 34 enAküRkmenH bEnperagcRk 10)anbIEI gdeNfkar¹. r)aykarN_sMyaKTI 15 enH manrab; bBaP eragcRkddKängr)aykarN_sMyaKTI 2 -karctBnitüel kdblg; enAküEx emsa qam2002 r)aykarN_sMyaKTI 5 -karctBnitütandanel kTI 1; enAküEx mifua qam2003 nig r)aykarN_sMyaKTI 10 -karctBnitütandanel kTI 2; enAküEx mina qam2005 GBaEedr . kgeBl eFkarBnitütandanel kTI 3 enH eragcRkTajGsenHCl kmpkrniyaCit [bmkargarcchh 32 950 nak; EdI rlnhan Spchh 29 106 nak; nig buschh 3 844 nak; . kgeBl dNal KäEdI r)aykarNenHbgäj Bkltén karGnutpç, abel bhmlychhFMrbkKhhj sMan²éneragcRkchh 24 EdI)anerobraküj)aykarN_ enHmanddxagerkam.

I TöI sMan ² rkeXlj küj)aykarNeI kTI 15
❖ KpnPstlagbBakBkargaredaybgM .
❖ KpnPstlagbBakBkareriseGbet eKABkareriseGgshCB -sthemll xagerkam! .
❖ Kpnkarbgäj BBI kmpkarenAküeragcRkmYNaet .
❖ eragcRkbh min)anFana[manesrPaBénkarerobcM nig]ab ² esrPaBpntBkareriseGgng shCB .
❖ kmpkrniyaCit enAküeragcRkchhBf Gnel antanI kxVd, abedayGenbmungeFkdmp . RkbkdkmpTajGs; EdI)anerobrabenAküj)aykarNenHKakdkmpdaysnplFI .
❖ eragcRkTajGsEdI RtU)anchRtYBnitü pl ; [kmpkrniyaCitCab;I abntR)akQü Gb, brma sMbamageFkarFmpta nigR)akQü Rt mRtUsMbkareFkarbEnhemagFmpta . sMbkmpkr niyaCit mpmal RbEhI Ca 83° éneragcRkTajGs; Gnel antanI kxVd)akQü Gb, brma ehlyeragcRk 96° pl GRta)akQü Rt mRtUsMbkargabEnhemagFmpta .
❖ eragcRkTajGsEdI RtU)anchRtYBnitü pl karQbsMkRocallaymanR)akQü chh 18 éf, eragcRkchh 63° pl R)akQü Rt mRtUkükMgeBl karQbsMkI MhmatPaB -eragcRkEdI minGnutpsbeTAtanc, ab; CaFmptapl CükmpkrniyaCit nUR)akQü Bak; kNpl Etmin)anpl CdnUBakkNpl énGtRbeyacnepSgeToteLy! . BakkNpl én eragcRkEdI RtU)anchRtYBnitütajGsbENH pl CHR)akQü chBalkarQbsMkQdlay Gnel aneTAtaneKal neya)ayrbsRksykgargar nig bNplbNpl vCci ³ .

¹ eragcRkmYküjchhNameragcRkTajGsenHfEnH)anchleQpHeLbyij CanYnyngKMag ehlyRtU)anchenAküj)aykarNepSgeTot

- 11> Glsin exmbDanitFg xGil FDI-Ggšš kNpl ;
- 12> eGevRKh hÁmin -bsSEkv PNBj ;
- 13> RhykLhitFg hÁmin hÁkeFhGil FDI-Ggšš kNpl ;
- 14> ePhÁeFc GnpCati-manCyz PNBj ;
- 15> hthg -bsSEkv PNBj ; bitCaGcérny_
- 16> hanEv:hÁmin bpeQheTACa tak;TkesonGbeFl -Ggšš kNpl ;
- 17> ExpGnpCati-mitPAB RkúRBHshnq bitCaGcérny_
- 18> Khtay hÁmin -manCyz PNBj ;
- 19> Xamlstg bpeQheTACa cy ylxGil FDI-Ggšš kNpl ;
- 20> mayFlskRtanitFg hÁkeFh-bssSEkv PNBj ; bitCaGcérny_
- 21> GtsGg:hÁmin -cMarmn PNBj ;
- 22> GULak hÁmin -bsSEkv PNBj ; bitCaGcérny_
- 23> GsPheFhÁmin emnehkQvq -exmbDa; l mFlt -manCyz PNBj ;
- 24> paksu nitFg ehkeFh-manCyz PNBj ;
- 25> raryn:hÁminxb -mitPAB RkúRBHshnq
- 26> sansan km&a l mFlt -manCyz PNBj ;
- 27> sÁc GúDisRsy -bsSEkv PNBj ;
- 28> sant;c PFGlGil FDI-degá PNBj ;
- 29> shRkaskatedr étyag -Ggšš kNpl ;
- 30> fmmltcfay emnehkQvq -degá PNBj ; bitCaGcérny_
- 31> RTKU-km&a; fcEstl -mitPAB RkúRBHshnq
- 32> yNayFlt nitFg eGmeGhct-mitPAB RkúRBHshnq
- 33> waTNWIsaj -exmbDa; PFGlGil FDI-bssSEkv PNBj ;
- 34> ygva GhDæršbl -saxaTl1 -exmbDa; -taxp kNpl ;

kúEpknaxageRkamenH manpl BZmans BVDAnPaEdl smc)ankúkarGnutpúsNúbbR Edl)anel kel_gedayKMag . eRkancNúgeChénRofanBtNmly² mansresrnúsNúbbRTabLay ehlybnpnbomkmanesckpBakGúššPÁbenkarGnutp_)anGnutp)anGnutpdayGenbBManGnutp) f) edayeragcRknmly² . dtehcMhénéQpHeragcRkEdl manraynantanRoePTkM tnmly²enH

2>1 I kxPDKargar

2>1 bTbBaépkü

GkKb;Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,bFiyagNa[bTbBaépküTTV sAl eday GFkarkagar .				yNayFitnitFg
Kb,beglt [mannubTbBaépkü stabhkhW ktCag .			exmbDasEvr Glsin	
Kb,BèKaleyabI CamYngRbtPbKA keBI begltbTbBaépkü .				GlsPheFI yNayFitnitFg
Kb,Fana[RykdfabTbBaépküRtURsbtan c,ab; .	takTkeson		CgehVGlsin raryn; yNayFitnitFg ygva-1	cgyll
Kb,bilbTbBaépkü enAkEngelFkar nigenAkEng erCiserlsbKA k .	paksh			Glsin takTkeson yNayFitnitFg

2.1.2 kicSniakarga

GikRb,Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,Fana[R]akdfaminmankmkrneyaCit Namäk; RtUbgR)akd I nrNamäk;edlm,)ancU eFKarenaleT .		pakst	kabDanhyhUcgehVtak;Tkeson vlatNUygva-1	
Kb,pl ;[kmkrneyaCitnUR)aksgClyMit panAeB I Ed I BManmU eh tısB I PaBSMokarbBaöb; kargarkmkrneyaCitenedayneyaCk .			ét yag	
BMo,ltM [kmkrneyaCiteFKarFanaedlm,bH htöI xabrkSakicSniakarga .	rarn;		vlatNU	
Kb,Fana[R]akdfakicSniakargamanerobrabGBM xmsar nig I kxNkarga .			kabDanhyhU eRhaFc	
Kb,pl ;[kmkrneyaCitEd I RtU)anbBaöbKarga nUR)akQU sMbéfT(I ek)aneFKarrtehly .				GakXit
Kb,EkERonlxTayLaykükicSniakarga Ed I Bm RsbtambTbBaöpkü .			kabDanhyhU	

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, EkeRbnlxTajLaykjkicSnuakargaEdl BM smRsb tanc, ab; .	Khtay santic yqva-1		kDanhlyhU RhjkUeRhaFc G&PheFl tak;Tkeson yNayFitnitFg	RTkUyqva-1
Kb, Fana[R)akdfa kmkrniyaCit)anyl dyGm xmsar nigl kxNkargaenkicSnuakargarbsxh.	RhjkUG&Sg;	G&PheFl paksa	Khtay	Glsin eGerRKh yNayFitnitFg
Kb, Fana[R)akdfa kicSnuasMory ³ eBl sakl ,gkargarminRtUel lBl3 ExeLly .	eRhaFc yNayFitnitFg waTNU			
Kb, FanaGayR)akdfa kicSnuakdCag Gnel an tanc, ab; .	RhjkU		Glsin	
Kb, Fana[R)akdfa kmkrniyaCitmgmal RtU)an eRCiserlssMbetkargaCak;l akNany Edl man ry ³ eBl xbtbaNH .	eGerRKh Khtay G&PheFl		waTNUcgyU	GakXit RhjkU
Kb, Gnutl amntiVenc, ab; kgrNlman karbBa, kicSnuarbs kmkrniyaCit .	paksa rayn;			
Kb, Fana[mankarbgR)aksgCymitpig R)akbMlac; Rt mRtU cBakrNenkarbBaBkargar .	RTkU			

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, Fana [mankarbg] aksg Cytit pd I kmkr neyaCitEd I eKbBaAbBkargar .				G&PheFI
Kb, ppl d I kmkr neyaCit nUkar Qbs MakRocadM kixN ³ eBI Ed I BkekS MaEI gBkargar b-Bkek RtU)anbBaAbBkargar .	sansan		RbdELn-1 paksa vlatNU	GakXit
Kb, CtdMngd I ; Rksjkargar ngbNpbNpl vCa Cl ³ mangBukic Snuakargar rbskmkr neyaCit edayeh t p I esdkecah .				G&PheFI sansan

2>3 GnsBafn

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, Fana [R]akdfa GnsBafnRtURsbeTAtanc, ab; .	eGerRKh		RhjkU	

2>4 RakQii

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, bitescckp dMngGRR)akQii Gb, brma enAkEngeFkar .	kM Danhy/hU paksa			CgehVGIsin takTkeson

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, Bnül dI kmkrniyaCitnEpkEdI bkbBaP R)ak,QÜ rbsxü nig xmsarénR)ak,QÜ maeB I kmkrniyaCit cabepkargar nig enARKbeB I Ed I xmsarEpkepSg ² bkmEd I mankarposbj .			CgehV _(P) pakSu _(P)	exmbDas EVr Rhjkl _(P)
Kb, Fana [R)akdfa kmkrniyaCit)any I dny G)karKitR)ak,QÜ rbsek .	eGerKh tak;Tkeson vraTNU	RhjklUra;yn;	CgehVerhAefc	exmbDas EVr Glsin yNayFitnitFg
Kb, ppj b)abokR)akEd I mansresrc, asRtmRtU C)dd I kmkrniyaCit .	exmbDas EVr			Glsin
Kb, k)nt brmaNp I it-edrsbg; k)k)mtmYEd I éI yagNa [kmkrniyaCit mankarbinR)osb; CanFümeF)kar k)gfrev I aFm)taGacTTV)an n)R)ak,QÜ Gb, brma .	G)S Gg;			
Kb, k)nt GRtabrmaNp I it-edrsbg; k)k)mtmY Ed I éI yagNa [kmkrniyaCit mankarbinR)osb; CanFümeF)kar k)gfrev I aFm)taGacTTV)ann)U R)ak,QÜ Gb, brma .			R)deLn-1 exmbDas EVr k)bdanh)h)U ra;yn; yNayFitnitFg	

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, Fana [mankarpl)ak, QÜ nig)akb)lac; d I ; km)krniyaCitEd I ekbBa)bbkargar küry ³ eBI 48 emagbn)bb)kKQb)kargar .				RbdELn-1 exmbDas ³ Evr sansan
Kb, Fana [mankarbg)akrg)he)kareTogTat; d I ; km)krniyaCitmg)mal kü)ch)h)smara)kte)Ang)ch)h é)td I B)ke)k)k)k)Ex .			tak)keson	
Kb, pl) d I km)krniyaCit Ed I edrs)bg n)R)ak, QÜ Gb, brmaen)AeBI Ed I R)ak, QÜ TTV)anBbrimaN p I itman)ch)h)tc)Cag)ak, QÜ Gb, brmaedaymin Kit)akb)en)hemag .	e)h)Ae)Fc pak)stü		rar)yn; y)Nay)Fitnit)Fg	k)h)Danh)h)h)ü
Kb, pl) ; [km)krniyaCit Ed I edrs)bg n)R)ak, QÜ Brd)g)en)brimaN Ed I ek)pl)it en)AeBI Ed I R)ak, QÜ TTV)anBbrimaN p I itman)ch)h)er)ch)Cag)ak, QÜ Gb, brmaen)kare)k)are)k)Ga)Titü .			k)h)Danh)h)h)ü y)Nay)Fitnit)Fg	
Kb, Bnü I km)krniyaCit BGR)ta)ak, QÜ én)kargar b)en)hemag)F)mta)kargareBI yb; nig)kargare)k)l Ga)Titü nig)é)k)k)sa)Fa)N ³ .	e)Ge)k)h) pak)stü		G)h)Gg)C)	Khtay G)h)Phe)l

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,pl)Rak,QÜ dI kmkrneyaCit cab:ajBBI cabepmkargar rñTajBI eFttsp_sakI ,g .	raryn;		yNayFitnitFg cgyü	RbdELn-1
Kb,pl)Rak,QÜ dI kmkrneyaCit kjeBI sakI ,g cññ 40 du er kýmYEx sññemageFkaFmpta-8 emagkýmYéfññ; 26 éfññYEx edaymirññ bBaPññemagbEnñ kargarenAefññatitü kargar enAefññb; sññk bññAeBI yb; .			yNayFitnitFg	Gtsñ
Kb,pl)Rak,QÜ dI kmkrneyaCit cññ 45 du er kýmYEx sññ; emageFkaFmpta-8 emagkýmYéfññ sññ; 26 éfññYEx edaymirññ bBaPññ emagbEnñ kargarenAefññatitü kargarenAefññb; sññk bññAeBI yb; .	kññDanhyññwññññ(c)		RbdELn-1(c) GtsGg(c)	GakXit(c) raryn(c)
Kb,pl)Rak,QÜ eTcaBren)Rak,QÜ Fmpta dI ; kmkrneyaCit sññkargareBI yb;-rvagBmag 22 ³ 00 eTAmag 05 ³ 00; .	GtsGg; pakstññ yNayFitnitFg		CgeñV	
Kb,pl)Rak,QÜ eTcaBren)Rak,QÜ Fmpta dI ; kmkrneyaCit sññkargarenAcññBI karQb; sññkRocññ)ññ_éññatitü; .				Rñññk(c) GtsGg(c)

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,pl)ak,QdI kmkrneyaCitEdI eFkargar cMfQbsMk nUR)ak,Qd mYefFbEnbEl R)ak; Qd RocabFfmpa; .				Rh)kkl(c) GtsGg(c)
Kb,pl)ak,QdI kmkrneyaCit nUR)ak,Qd RocabFfMbefQbsMkbNueBI EdI BkeKmin eFkar .			takTkeson	RbdELn-1 Rh)kkl(c)
Kb,pl)ak,Qd 150°énR)ak,Qd Fmpa dI kmkrneyaCit sMokargarbEnbhemagEdI)an eFhAefFkarFmpaemag 22 ³⁰⁰ .	eRhAeC(P)			Rh)kkl(c)
Kb,pl)ak;1000erol mädI kmkrRkbrb sMbef)ay b)pl GaharsMokargarbEnbhemag .	yNayFitnitFg		GtsGg(c)	eGeRKh Rh)kkl(c)
Kb,pl) dI kmkrneyaCitTajLayNaEdI eFkar CaetogTat;nUR)akrgtheFkareTogTat;Mh 5 du arGamerkkümyEx .	RbdELn-1 vvaTN(c) cgyU(A) (PW)		GtsGg(c) cgyU(c)	Cgeh(c) Gtsin Rh)kkl(c)
Kb,pl) dI kmkrneyaCitTajGS;nUR)akrgth; GtitPaBkargar .	eGeRKh			

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
BMo, katR)ak,Qü sMbGvtmanedayKpn karGnBattRtmRtUel sBR)ak,Qü mü daeRocadFq	GtsGg;		Gtsa	
BMo, GnutpapakBhý bkatR)ak,Qü rbs; kmkrniyaCitenaeT .	ravn;		yNayFitnitFg	kbbDanhyhU
BMo, katbnR)ak,Qü BkmkrniyaCiteGayel s Bitü bVl sMal xü enAeBl dÜ [kmkrniyaCit nÜbVl sMal rbseKedl)an)at; .	ygva-1	GtsGg;	RhýkUsansan vlaTNU	
Kb, bokR)ak,Qü dl kmkrniyaCit kükMg eBl enageFkarFmpta .	étYag vlaTNU	GtsGg;	ravn;	exmbDasEvr
Kb, pl) R)ak,Qü dl kmkrniyaCitTaneBl evl a .				yNayFitnitFg
Kb, pl) dl kmkrniyaCit nUGrtabR)akRtmRtU eBl Edl bR)ak,Qü rbs; kmkrniyaCitBR)akerol eTACaR)akdlü ar .	GakXit			
Kb, fksaesevePAebkR)ak; Edl mankaBBNhaBispr CaPasaxpedm, l [gayy l ; .	eThAeFc santic		GtsGg; yNayFitnitFg ygva-1	

Gk ^Q Rb ^Q Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, bBaP éf QaepheFkarbskmlkrniyaCit enAkjesovePAobkR)ak;	eñhæFc santic		eGerKh	
Kb, Fana [R)akdfa esovePAobkR)akmanbBaak; c, as; l as; bmancthuR)ak, Qü TadjGs; Ed l)an ebk [kmkrniyaCit .			yNayFitnitFg	

2>5 frel æFkar

Gk ^Q Rb ^Q Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, Fana [R)akdfa kareFikarenA éf QaTitü GnutpamkarsPkcitp.	rarn;		yNayFitnitFg	RbdELn-1
Kb, Fana [R)akdfa kareFikarenAéf Q GaTitü BntU)aneFVLgCaj kj ab;.	yNayFitnitFg			
Kb, Fana [R)akdfa kareFikarenA éf QNü GnutpamkarsPkcitp.	rarn;	Glsü	yNayFitnitFg	
Kb, Fana [R)akdfa kareFikarenA éf QNüBntU)aneFVLgCaj kj j ab;.	yNayFitnitFg			

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, Fana [R]akdfa kareFikarbEnf emag Gnutp ankars PKcitp.	GakXit ePhaeFc raryn; yNayFitnitFg*	tak;Tkeson RTkU	RbdELn-1 GtsGg(c) sansan	CgehVygva-1
Kb, Fana [R]akdfa kareFikarbEnf emag BMLU)aneFVLgCaj kj ab; .	GtsGg; etyag	Khtay GtsPheFI raryn;	RbdELn-1 exmbDasEvr CgehV Gtsin eGerRKh ePhaeFc sansan satic tak;Tkeson RTkU yNayFitnitFg* ygva-1 cgyll	satic vlaTNU
Kb, Fana [R]akdfa kareFikarbEnf emag BMLUeGayel lBl2emag kigmYefq.	exmbDasEvr raryn; RTkU	Gtsin Khtay GtsPheFI	RbdELn-1 CgehVeGerRKh Rhgku GtsGg; paksu sansan etyag yNayFitnitFg* vlaTNUcgyll	satic tak;Tkeson
BMLb, bFikardakBinz dak;TNDmp dI kmkrneyaCit TajLayNa EdI BMLmeFikarbEnfemag b-eFikar efGaTitu b-efQbsMKelLy .	GakXit yNayFitnitFg			
Kb, pl nimeFua)ay dikCBadi dI kmkrneyaCitEdI bBasKargar enArvagemag 22 ³ 00 eTAemag 05 ³ 00 ebsinGkRkbRkgBMan	exmbDasEvr		RbdELn-1 eGerRKh vlaTNU	

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
pI kEngstibekgeGaykmlkr eBI ybeTendl .				
Kb, sMarGnBait BGFkarkargar mneBI eFkarBudemagsMkRocall s)ph_.	sansn		CgehVGlsin stic	eGerKh santc yNayFitnitFg cgyll
Kb, sMarGnBait BGFkarkargar mneBI eGaykmlkrneyaCit eFkar bEnmemag .	GtsGg; tak;Tkeson yNayFitnitFg		CgehVGlsin GsPheFI	Khtay RTklJcgyll

2.1.6 karQbstik

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, bitpSaykal vPaKefQbstikpkar enAeragcRk .	paksta			Glsin tak;Tkeson yNayFitnitFg
Kb, pI dI kmkrneyaCit nUkarQbstik manRakQil RocallatMh 18 eFqogral ; qalM	RbdELn-1 GtsGg; raryn; yNayFitnitFg			

Gk Kb, Kg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, Fana [R]akdfa kmkrniyaCit TajGs; TTV karQbs, kRocad, kRocad, kRocad; kRmitRCu h'sehtu.	tak;Tkeson vlatNU		eRhaFc ygva-1	RbdELn-1 kRocad/hu
Kb, ITTV karyl RBmBkmkrniyaCit kRkar TbTatkarQbs, kRocad, kRocad, kRocad; .			pakst	
Kb, p, d l kmkrniyaCit Ed l bmkargar)an 3 qamkarQbs, kRocad, kRocad, kRocad mlyefot .	pakst sansan		CgehVeGerKh GbsGg; rarn; RTkU	kRocad/hu Gbsu yNayFitnitFg vlatNU
Kb, p, ; [kmkrniyaCit yagehacNas; ef QmFumRocad, kRocad, kRocad, kRocad, kRocad ek st, kRocad, kRocad, kRocad, kRocad, kRocad eBl kmkrniyaCit Qbs, kRocad .			cgyl	
Bm, katkarQbs, kRocad, kRocad, kRocad; kRocad, kRocad, kRocad, kRocad, kRocad, kRocad .	pakst tak;Tkeson		GakXit CgehVGbsu rarn; RTkU yNayFitnitFg	
Kb, BicarNarobcm b= EkERobTbBapkg edm, p, d l kmkrniyaCit nkarQbs, kRocad	pakst tak;Tkeson		GakXit CgehVGbsu rarn; RTkU yNayFitnitFg	

Gk, Kb, Kg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
QWlaymanR)ak,QÜ cBACgNlanankar bBakRtmRTÜ BRKB TüptkarddxagerKam ³ ♦ R)ak,QÜ 100° sMExTI1 ♦ R)ak,QÜ 60° sMExTI2 ♦ R)ak,QÜ 40° sMExTI3 ♦ KmR)ak,QÜ cabBExTI4 dI ExTB				
Kb,pl dI kmkrneyacit nUkarQbsMk QWlaymanR)ak,QÜ EdI tMeday bTbBapkgbseragcK .	eGerRKh vlatNU	RbdELn-1	kMDanhyhU GtsGg; GtsPheFI cgyU	Khtay
BMo,bakkRmitRCu h'sehtel kmkr neyacit kgkarsMkQbsMkedayCgN	GtsGg; paksa		RbdELn-1 eRhaeFc RTkÜ	Gtsin yWayFitnitFg
Kb,BcarNapU karQbsMkBessrhU dI ; 7 efRgmYqatU kmkrneyacit sM; Rbt)karN)ak;Tgngkmkrneyacit b ^a RkmRKsar .	eGerRKh	RbdELn-1 GtsPheFI	kMDanhyhU CgehV Gtsin paksa rayn; RTkÜ yWayFitnitFg vlatNU ygva-1 cgyU	GakXit
Kb,GnBatt [kmkrneyacit TTV)ankar sMkBesssM;B)karN)ak;Tgng	santc	GtsGg;	eRhaeFc RTkÜ	Khtay

Gk Rb, Kg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
<p>kmkrniyaCit b-RkmRKsar rihman GaBah_BBah_rbskmkrniyaCit RK'sarRbsRt Cmb-mrNPabrbsRkm RK'sarkmkrniyaCit RmTajGaBah_BBah_ kdrbskmkrniyaCit .</p>				
<p>B)anGnutp, katbnR)akrgth;5 dil ar sMakar mkeFkareTogTateT eBl Edl kmkr niyaCit QbsMkRocapM</p>				RhtjkuwaTNUyga-1
<p>B)anGnutp, katbnR)akrgth;5 dil ar sMakar mkeFkareTogTateT eBl Edl kmkr niyaCit QbsMkBess .</p>	eGeRKh waTNU		RhtjkuwaTNUyga;	GakXit
<p>B)anGnutp, dakRmitRCul h'sentobal kmkrniyaCit TajLayNakjarsDb; sMkBess .</p>			CgéhV	RbdELn-1

2>7 karQbsMkI MhmatPaB

GkRb,Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,ppI nUR)akQII BakNpI sMbkarQbsMkI MhmatPaB dI kmkrniyaCitNaEdI eFkar)an mYqaBmTajppI nUR)akbMacepSgeTot .	GakXit GbSgG; ygva-1		kMbanhyhU CgehV Glsn paksn raryn; yNayFitnitFg cgyU	Khtay GbPheFI
Kb,ppI kmkrniyaCitnUR)akQII sMbkarsMkI MhmatPaB maebI bKLLgeBI sMk .			RbdELn-1 CgehV Glsn eGerKh paksn raryn; cgyU	santc yNayFitnitFg vlatNU
Kb,GnBaot [kmkrniyaCit EdI eTbsMkI kDehy eFkarSal ² kgkMLgBfExdMgbonbBBkekvil RtLbBkarsMkI MhmatPaBvij .			sMk	

2>8 karb)Akd

GkRb,Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,ppI dI kmkrniyaCit nUR)akQII sMbk)AkdAkd mYemagkgmYef(NaymanR)akQII sMbk)Akd EdI mankkkgkMLgeBI mYqaBmTajppI .	takTkeson vlatNU)		eRhaeFc GbSgG; sMk cgyU	kMbanhyhU Glsn ygva-1

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, Fana [R]akdfary ³ eBI s ¹ kmlyemagk ² mly éf ¹ (m, b) Aedakb RtU) anpl d l mpyEd l mankt k ² gk ¹ l g ¹ eBI mlyq ¹ l .	Glsin paksa		GakXit k ¹ mbDanhy/h ¹ U CgéhV RhykUeR ¹ h ¹ éFc G ¹ sGg; raryn; yNayFitnitFg ygva-1	

2>1> bnbb)Akti Tarkdan

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, begit bnbb)Akti [d ¹ n ¹ rkareBj el j .			GakXit R ¹ bdELn-1 k ¹ mbDanhy/h ¹ U CgéhV Glsin eGerRKh RhykUeR ¹ h ¹ éFc Khtay G ¹ sGg; G ¹ sPheFl paksa raryn; sansan s ¹ tc tak;Tkeson RTkUyNayFitnitFg vraTNUygva-1 cgyU	exmbDas ¹ Evr santc étyag
Kb, Cbd ¹ ngd l km ¹ krniyaCit fa Bkekmanst ¹ š eR ¹ bR)as;Tarkdan .				eGerRKh RhykU
Kb, begit [manTarkdanenAk ¹ g b ¹ enACitkEngeFlkar b ¹ pl R)akb ¹ Wacd l km ¹ krniyaCitnarIntéf ¹ Q ¹ karÉfT ¹ denATarkdanÉkCn .	eGerRKh vraTNU		GakXit R ¹ bdELn-1 exmbDas ¹ Evr k ¹ mbDanhy/h ¹ U CgéhVGlsin eR ¹ h ¹ éFc Khtay G ¹ sGg; G ¹ sPheFl paksa raryn; étyag tak;Tkeson RTkUyNayFitnitFg ygva-1 cgyU	

2>1>10 karebotebonxagp

eragcRkmY EdI BmnaFomanbBaemkarbhsa b=faI kmkrniyaCit® Spedm,baKBinYBkeK b=FI[eKeFkarkanEtel On)anedaRsaybBaenhehly -GtsGg; .

GkRb,Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fı
Kb,Fana[R]akdfaBMankarebotebonxagpPT enAkügeragcRk .	GtsGg;			

2>1>11 \riyabfminsrmü

GkRb,Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fı
RBmTajemkar Kb,RoRBuPbaKkmkrniyaCit edaymankareKaB .	GtsGg; ét,yag	rarn; sant;c waTNU	exmbDasKivr CgehV Gtsin sansan takTkeson yNayFitnitFg	erhaFc GtsPheFI ygva-1

2>1>12 kareriseGg

BMankrNenkareriseGgRtU)anraykarNfa manekiteLgenAkügeragcRkNamYenaleT el kEl gEtKareriseGgngshCB -sbemil enAepk 2>3>2 xageRkam; .

2>1>13 kargaredaybgM

minmankarbBaenAkügeragcRkNamYküçMameragcRkTajG;RtU)anrkeXij famanGnutpukargaredaybgM .

2>1>4 BI kmpmar

eragcRkmly Edl Bhamin)antm [kmpkrneyaCitp] EksarBhituEdl GaceCOTkCit)anedm, epigpatGaymneBl eFkarCV kmpkrenaH BManCV kmpkr neyaCiteToteI cabt)BkarclBhitueragcRkel kmamk dehsMibBr [eBR)asEksarEdl GaceCOTkCit)an RtUcat;TkfaBMan)anGnutp.

GkRb,Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, BR)as; EksarEdl GacykCaplkar)an edm, l bBakGayubs kmpkrneyaCit mneBl eCiserls kmpkrneyaCit .			kmbDanhyhU	

2>2 swtPaB nig sPaBkarga

2>2>1 eKal neya)aysutPaB nig sPaBkarga

GkRb,Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, begl eGaymaneKal neya)aysutPaB nig sPaBkarga .	ra;yn; sansan		GakXit RbdELn-1 exmbDasEvr kmbDanhyhU CgehVGisin RhykUKhtay GtsGg; GtsPheFl paksu tak;Tkeson RTkUyNayFitnitFg waTNU cgyU	eGerRKh
Kb, BeKaleyab l Camly kmpkrneyaCit eBl begl eKal neya)aysutPaB nig sPaBkarga .				eRhaFc ra;yn;

Glikolizatsiya	Yana	Yana	Yana	f
Kb, bii pSaiy Bimans BIsut PaB nig sPaB kargar -] ³ bNii Saiy nig sBaS Mal nana; enAkEngEFlkar .			RbdELn-1 RTKU	

2.2.2 eKalfak karga 1/2 CaCl₂

Glikolizatsiya	Yana	Yana	Yana	f
Kb, fksakini tRtaGBERKalfak karga 1/2 CaCl ₂ .			Glsin RTKU yNayFitnitFg	GlsPheFl tak;Tkeson
Kb, ChdNngdI naykdansnsu sghGBERKalfak; kargar bCaCl ₂ kuglgeB I 48 emagekay karekItehtu.			Glsin	Khtay
Rtupl Cdnaykdansnsu sgh nlr) aykarN_ segbsBERKalfak karga bCaCl ₂ eroyal ;6 Exmg .	paksta		ravyn; tak;Tkeson cgyul	kDanhnyhU

2.2.3 takal ksMberKalfak karga 1/2 CaCl₂

Glikolizatsiya	Yana	Yana	Yana	f
Kb, pl, takal kChkmpkrneyaCit sMberKalfak;	eGerKh			

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
karga ^{1/4} Cl ³ rihTajekKalfakEdl ekiteLbj enAtamp ¹ eBl eF ¹ ANreTAmkeFikar .				
Kb,pl ¹ ;taikal kRtmRtUcBaleKalfakKarga be ¹ Cl ³ .	ra/yn;			
Kb,pl ¹ R)ak,Od ¹ Cdkmk ¹ rneyaCitenAeBl ek xkxanB)aneFikareday sareKalfakKarga be ¹ W vCl ³ .	s ¹ tc	Glsin tak;Tkeson	GakXit kbDanhy/hU cgyU	eR ¹ AeFc yUayFitnitFg

2.2.4 karcatfcgkargasegAbnln;

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,bakpaksBaitanRckTrekceej s ¹ mbel manGasn(KbkEngageGay)anc,as; .				GlsPheFl
Kb,FanafakB;Trekceej TajGsRtU)anebk c ¹ h ¹ /mncakesarbitkij ¹ KLgemageFikar rihTaj eBl eFikarbEnmemagpg .	Glsin paksa			exmbDas ¹ Evr

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, brobcNFIkarhkhath, GDPaBGasni()aneTogTat; CaRocall	Khtay GtsGg; paksn RTKUwaTNU		kbbDanhyhU CgehVGsin sansan	tak;Tkeson yNayFitnitFg cgyU
Kb, bNpNpl kmkrniyaCit Taylons nig Spkj cMsmRsb [echerR)asbBgBntGKPy .	Khtay			
Kb, bitpSaysBawescckpddNngGDSutPaBenA kEngEFlkar .	exmbDasEvr		kbbDanhyhU	GtsPheFI

225 karsegAbzm

Gk/Rb/Rg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, pI RbGbXItse@AbzmeGay)anRkbrKan; enAkEngEFlkar .	paksn ygua-1		CgehVGsin GtsPheFI yNayFitnitFg	tak;Tkeson
Kb, ITkdakXItse@AbzmeGay)anRtmRtU .	RbdELn-1 Khtay	kbbDanhyhU	CgehVeGerKh GtsGg; GtsPheFI RTKU	exmbDasEvr Gsin eRheFc skic waTNU
Kb, FanafaXItse@AbzmsItEnAkEngEdI gay Rsv ykmkerR)as; .			Khtay paksn	exmbDasEvr eGerKh

GlikKb/Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, p ₁ karbN ₁ p ₁ N ₁ G ₁ k ₁ r ₁ s ₁ e ₁ g ₁ h ₁ b ₁ z ₁ m ₁ l ₁ ; k ₁ m ₁ k ₁ r ₁ n ₁ e ₁ y ₁ a ₁ c ₁ i ₁ t ₁ .	Khtay			

2.2.6 Kil andæ

GlikKb/Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, BRgk I T ₁ p ₁ a ₁ b ₁ e ₁ n ₁ k ₁ i ₁ l ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ ; B ₁ u ₁ a ₁ l ₁ C ₁ m ₁ l ₁ .	exmbDas ₁ k ₁ e ₁ v ₁ e ₁ t ₁ y ₁ a ₁ g ₁	GakXit	RbdELn-1 k ₁ m ₁ d ₁ a ₁ n ₁ h ₁ y ₁ h ₁ u ₁ C ₁ g ₁ e ₁ h ₁ v ₁ G ₁ l ₁ s ₁ i ₁ ; e ₁ G ₁ e ₁ r ₁ k ₁ h ₁ e ₁ r ₁ h ₁ a ₁ e ₁ f ₁ c ₁ Khtay G ₁ s ₁ G ₁ g ₁ ; G ₁ s ₁ P ₁ h ₁ e ₁ f ₁ l ₁ ; p ₁ a ₁ k ₁ s ₁ i ₁ r ₁ a ₁ y ₁ n ₁ ; s ₁ a ₁ n ₁ s ₁ i ₁ t ₁ i ₁ c ₁ t ₁ a ₁ k ₁ ; T ₁ k ₁ e ₁ s ₁ o ₁ n ₁ ; R ₁ T ₁ k ₁ u ₁ v ₁ a ₁ t ₁ N ₁ u ₁ y ₁ g ₁ v ₁ a ₁ -1 c ₁ g ₁ y ₁ u ₁ .	s ₁ a ₁ n ₁ t ₁ i ₁ c ₁ ; y ₁ n ₁ a ₁ y ₁ f ₁ i ₁ t ₁ n ₁ i ₁ t ₁ f ₁ g ₁ .
Kb, i ₁ t ₁ l ₁ b ₁ g ₁ b ₁ a ₁ m ₁ y ₁ e ₁ n ₁ a ₁ c ₁ i ₁ t ₁ k ₁ i ₁ l ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ .			Khtay	
Kb, F ₁ a ₁ n ₁ a ₁ [R ₁] a ₁ k ₁ d ₁ f ₁ a ₁ k ₁ i ₁ l ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ a ₁ m ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ .				k ₁ m ₁ d ₁ a ₁ n ₁ h ₁ y ₁ h ₁ u ₁ .
B ₁ m ₁ b ₁ , r ₁ a ₁ r ₁ y ₁ k ₁ m ₁ k ₁ r ₁ n ₁ e ₁ y ₁ a ₁ c ₁ i ₁ t ₁ e ₁ d ₁ a ₁ y ₁ m ₁ i ₁ n ₁ s ₁ m ₁ e ₁ h ₁ t ₁ u ₁ ; p ₁ l ₁ k ₁ i ₁ g ₁ k ₁ a ₁ r ₁ e ₁ r ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ i ₁ l ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ .				G ₁ s ₁ P ₁ h ₁ e ₁ f ₁ l ₁ .
Kb, B ₁ r ₁ c ₁ l ₁ s ₁ e ₁ r ₁ s ₁ e ₁ r ₁ c ₁ b ₁ n ₁ i ₁ m ₁ a ₁ k ₁ ; .			k ₁ m ₁ d ₁ a ₁ n ₁ h ₁ y ₁ h ₁ u ₁ G ₁ l ₁ s ₁ i ₁ r ₁ a ₁ y ₁ n ₁ ; t ₁ a ₁ k ₁ ; T ₁ k ₁ e ₁ s ₁ o ₁ n ₁ ; R ₁ T ₁ k ₁ u ₁ ;	c ₁ g ₁ y ₁ u ₁ .
Kb, B ₁ r ₁ c ₁ l ₁ s ₁ e ₁ r ₁ s ₁ t ₁ k ₁ i ₁ l ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ a ₁ m ₁ a ₁ n ₁ d ₁ a ₁ s ₁ t ₁ k ₁ a ₁ r ₁ s ₁ t ₁ k ₁ ; - b ₁ e ₁ n ₁ f ₁ i ₁ t ₁ n ₁ i ₁ t ₁ f ₁ g ₁ .	e ₁ G ₁ e ₁ r ₁ k ₁ h ₁ v ₁ a ₁ t ₁ N ₁ u ₁ .		G ₁ a ₁ k ₁ X ₁ i ₁ t ₁ ; R ₁ b ₁ d ₁ e ₁ l ₁ n ₁ -1 k ₁ m ₁ d ₁ a ₁ n ₁ h ₁ y ₁ h ₁ u ₁ G ₁ l ₁ s ₁ i ₁ ; G ₁ s ₁ G ₁ g ₁ ; s ₁ i ₁ t ₁ i ₁ c ₁ .	exmbDas ₁ k ₁ e ₁ v ₁ e ₁ t ₁ y ₁ a ₁ g ₁ ; c ₁ g ₁ y ₁ u ₁ .

GkRkRkG	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, FanafamanevCbN1/1Kil anb, dak yka mäk; yanRocakMarkgkLg magkargarEd I RtU)antN-rInTajemagbEnfmpg! .		GsPheFl waTNU	GakXit RbdELn-1 CgehV Glsin eGerKh Khtay GsGg; paksu raryn; tak;Tkeson RTKU	exmbDasEvr Rhtjku yNayFitnitFg
Kb, FanafaKil andamanfaBü nigbrker eBTüRkRkAn; .	GsGg; raryn; waTNU	GakXit cgyll	CgehV Glsin ePhaeFc Khtay GsPheFl satic tak;Tkeson yNayFitnitFg	sansan RTKU
Kb, FanafaKil andamanPaBsüt I ¥.			CgehV	
Kb, Fana [R]akdfabKA keBTüenAkü Kil andan ykcitpukdakcBaKmkrneyaCit edaykareKaB .			ygva-1	Rhtjku

227 karstik/kareb)as,sarFateKalfik;

GkRkRkG	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, b)kTksarFat(kmbGay)anRtmRtUenAkEng mYdacedayELkBkEngEFlkar .	GsGg;		kmbDanhyhV CgehV Khtay	Glsin
Kb, bitpaksBaCaGksrExpeGay)anRtmRtUenA el Fgpk,sarFatKhl .	CgehV		kmbDanhyhV Khtay GsGg; paksu	Glsin santic

GltKb/Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, bll pSay 1/2 p Ek sar Tinny s Bl sut Pa Bsar Fatu KlmCaPasaExp .	GakXlt CgehV		kmbDanhy/hU GtsGg;	
Kb, bll pBk Bk Bk bxl ec j cu enAkEngEdl man kare(R) assa FatKlm .			Khtay	eGerKh sansan
Kb, brobcEpikEdl mankare(R) assa FatKlmGay enAkEngdacedayEL.kBkEngeflkar .			pakst	
Kb, bNp bNpl kmkrneyaCiteGaye(R) as; sarFatKlmday sut PaB .			ygva-1*	
Kb, pll j bkrNsmRsbdl kmkrneyaCiteEdl eFV karCamly sarFatKlm .			exmbDasEvr kmbDanhy/hU CgehV GtsGg; ygva-1*	Gtsin eGerKh sansan

2.2.8 vFankarNkarBa

GltKb/Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, pll r) dNkarBarmx nig/2eR samedd l kmkr neyaCite day \t Kitéfø.	pakst raryn;	Khtay RTklucgyU	kmbDanhy/hU Gtsin yNayFitnitFg* vraTNU	RbdELn-1 exmbDasEvr GtsPheFl takTkeson ygva-1

GkRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, bNpNpl 1/2 kTkcitkmpkrniyaCiteGay eR)as, sM okbBak; nig] bkrNkarBar .	rarn; santc	exmbDasEvr Khtay ygva-1	GakXit RbdELn-1 CgehV/Gsin eGerRKh eRhaeFc GtsGg; paksu sKic tak; Ikeson yNayFitnitFg* vwaTNU	RhykUsansan RTKU
Kb, p] eGaykmpkrniyaCitnEs, keCgkarBar eday\ tKit efbEnBait eGaykmpkrniyaCit eR)asEs, keCgpel xürbsBkenAkEngeFkar .			eGerRKh eRhaeFc GtsGg; paksu	RbdELn-1

2>9 ePhbMM

BManeragcRkNa)anTTV sMubBrTak;TgngePhbMM I minRkbRkaneLy .

2>10 sM grMan

GkRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, katbn/kM sM grManenAkgeragcRk bpl ; RbdabkarBarRtecokd I kmpkrniyaCit .	GtsPheFl paksu sKic		CgehVeGerRKh yNayFitnitFg	GakXit santc

2>11 sutPaBéneKQgmash

GkRkRkG	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,FanafaeKQgmashRtU)anEfrkSayagI ¥.		Khtay	CgehVGlsin RTKU	GsPheFI yNayFitnitFg
Kb,bBakeKQgmashnU]bkrN_sutPaB/Rbdab; karBarmd .	eGeRKh raryn; stic étyag	Khtay cgyU	RbdELn-1 exmbDasEvr CgehVGlsin RhjkuGtsGg; sansan tak;Tkeson RTKU waTNUygva-1	GsPheFI santc
Kb,bItpSaybMm/paksBafsutPaB enAel RoGb; kgtakePg .			Glsin	GsPheFI

2>12 xül ecj cU nigkMA

GkRkRkG	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,batyFankarkatbnRykMAenAkEngelkar .		Rhjku	RbdELn-1 kbDanhyhU Khtay GsPheFI stic	GakXit sansan tak;Tkeson
Kb,bFUGayRoesteLgnUxül ecj cU nigcrmp xül enAkEngelkar .	Rhjku tak;Tkeson	exmbDasEvr paksn raryn;	kbDanhyhU CgehVGlsin eGeRKh eRhAeFc Khtay GtsGg; GsPheFI sansan RTKU yNayFitnitFg ygva-1	étyag waTNU

GkKbKkg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, ENnaGayeR)asnlW FankarkatbnryFU I	GtsGg;		kbbDanhyhU CgehVRhgyku pakst raryn; yNayFitnitFg	
Kb, brobcMS Cui kgar nig RbBhbeBaj bBaP xül eGayenAdNtkar I ¥.	tak;Tkeson		CgehV	

22>13 eKhkic©

GkKbKkg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, rkSakEngerFikareGaymansPaBstCanic©.			yNayFitnitFg	
Kb, rkSakEngerFikareGaymanreboberobry .	pakst			
Kb, Fanafadbu bgü CBady nig/b-Bdan man sPaBst I ¥.	sansan		CgehVGtsin Khtay RTKU vraTNU	GtsPheFI
Kb, Fanafapbedrecj cU GacedreCosKæTAmk)an .	RhgykuKhtay GtsGg;		exmbDasEvr kbbDanhyhU pakst sansan yNayFitnitFg vraTNUygva-1	tak;Tkeson RTKU
Kb, rkSapbedrkGaymanGyayl .	eGerKh Khtay pakst tak;Tkeson yNayFitnitFg ygva-1 cgyü		RbdELn-1 GtsPheFI	

GkKb/Kg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, Fanafavt Batodm nigp l itp l s Mc RtU)an erobcNGay)an l ¥.	Glsin eRhAeFc		exmbDasEvr RTkU vraTNUygva-1 cgyll	
Kb, Fanafa]bkrN_nigkg tak, sutB aB s ltenA kEngEd l kmkrneyaCitgayRsV ykmkeR)as;			CgehV	

2214 Tkshhb

GkKb/Kg	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb, pp ;TkshbEd l mansutB aB .	paksta sansan			
Kb, pp ;TkshbGay)anRkRkan; .			GtsGg;	
Kb, pp EBg bsMar ³ Ed l manGnamysMshbTk	Rhyklupaksta raryn;	GakXit eRhAeFc cgyll	RbdELn-1 kbDanhyhu CgehVGlsin GtsGg; GtsPheFl sansan takTkeson RTkU yNayFlitntFg vraTNU ygva-1	exmbDasEvr eGerKh Khtay
Kb, erobcMEngsMsbrePakTkshbEnmeTot .			vraTNU	

Gik/Kb/Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, FanaGay)akdfakEng h b Tik/4gdak; Tik mansPaBs t/Gnamy I ¥.	RbdELn-1 tak;Tkeson		CgehV	
BMb, bakkM h'seht bkel Tik sMb h b .				RbdELn-1
Kb, C'SCil k, al r b n Tik sMb h b NaEdI xtd .	GtsGg;			

2>15 brkeGnamy

Gik/Kb/Kg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, IsgbgAeGay)anKb/KaneTAtanchMEdI tMedayc, ab; .	kMbDanhyhU		RbdELn-1 CgehVRhjkU vlatNU	
Kb, C'SCil bgA NaEdI xtd .	RbdELn-1 Khtay tak;Tkeson ygva-1		Gtsin	kMbDanhyhU
Kb, C'SCil T'rbgA NaEdI xtd .	exmbDasEvr kMbDanhyhU		Gtsin GtsGg; vlatNU ygva-1	erhAeC tak;Tkeson
Kb, begkM S, CBadj nig T'rbgA; .	tak;Tkeson		yNayFitnitFg	

GkRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb, bakpak sMal eGay)anc, asc, BAbogA, Mb; kmpkrneyaCit Spigbus .			G&S PheFl	k&B Danhly/hU
Kb, pfl brkr sMb; l agsMatenAEk, rbgA; .			G&S Gg;	
Kb, FanafaRkbbgA; TagSRTU)ansMatyag eTogTat; .	eGe/RKh Khtay rarn; tak;Tkeson		k&B Danhly/hU CgehVG&S G&S Gg; G&S PheFl yNayFitnitFg* waTNU	
Kb, FanafabgA; TagSmansabligTkRkRkan; .	GakXit RbdELn- 1 exmbDasEvr eGe/RKh	tak;Tkeson cgyU	k&B Danhly/hU CgehVG&S Khtay G&S Gg; G&S PheFl paksa sansan RTKU yNayFitnitFg* waTNU	
Kb, FanæGayR)akdfaKpkardakkRmitRCU h'S eh teTael kareRbR)asbgA; .	G&S Gg; yNayFitnitFg		RbdELn-1	
Kb, Ek l MePjbMhAkjbgA; .	eGe/RKh			
Kb, pfl Es, keCgsmrmu Ed l kmpkrneyaCit Gac Bak)anenAeB l BkeKerB)asbgA; b=EnBait eGayBkeKerB)asEs, keCgpbal x&rbsek .	ygva-1			RbdELn-1

2>2>16 karGgá

GkRkRkG	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,pp ekAGEdI Gaceser:nigEpKxg)an dI kmkrniyaCit EdI eFkarkg \riyabfGgá .			GakXit RodELn-1 exmbDasEvr kmbDanhyhU CgehV Glsin eGerRk eRhAeFc GtsGg; GtsPheFI paksn raryn; sansan stic santic étyag tak;Tkeson RTKU yNayFitnitFg vlatNUygva-1 cgyU	RhjkU
Kb,pp ekAGEdaydakenACit kengeFV kar dI kmkrniyaCit NaedI QreFV karedm,tGayBkeK)anGgásmk .	kmbDanhyhU eRhAeFc	exmbDasEvr raryn; santic étyag	GakXit RodELn-1 CgehVeGerRk RhjkUKhtay GtsGg; GtsPheFI paksn sansan stic tak;Tkeson RTKUvlatNUygva-1 cgyU	Glsin
B)mb,harak kmkrniyaCit NaedI Qr eFkarmineGayGgásmkel ekAGI endleT .			Glsin GtsGg; GtsPheFI	exmbDasEvr eRhAeFc raryn; étyag
Kb,Fanafak kmkrniyaCit mineFkar edayGgáyel kmI \delLy .			eRhAeFc	

2>2>17 Gahardaa

GkRkRkG	)anGnutp	)anGnutpdayGenb	B)anGnutp	fj
Kb,ITV karyI RBmBkmkrniyaCit sin maeB I kat)ak,Qü smbGaharefRtg; .	eGerRk			

GkRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,pp| GaharEdI manKINPaBsmrmü enAkEngpp| ; Gahar .	eGe/RKh			

2>2>18 sMar³pai xü

GkRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,BcarNabegltkEngsutPaBmly [kmkr neyaCitTkdk,sMar ³ pai xürbsBkek .			GtsGg; sansan	Gtsin yNayFitnitFg

2>3 Tmak;TMgkargar

2>3>1 esrPaBrbskmkrneyaCitkqkarerobcm

enAküeragcRkmly -Gtsin! kmkrneyaCit)anniyayfaBkekRtU)nek [3 du arshrd@amrk edm,bU CasmaCkshCB . bntbBBkekCU rihkq
shCB R)akyPaKTanshCBRTU)ankatecj BR)akQU rbsBkek eTahbCaakaymkBkekdkxüdecj BshCBkeday . kmkrneyaCitxü)anniyayfa eKminGac
begltshCBmlyeTot)aneLy .

enAküeragcRkmly -eGe/RKh! kmkrneyaCit)anniyayfa GkRk/RKg | MGogeTArkshCBmlyCagshCBdötTeTot . RbFanshCBmik)anniyayfa
shCBBrbsnagminGacesbökçnRotPbKA k)aneLy bEnshCBmlyeTotGac . GkRk/RKg)anR)donagfa manEtshCBEdI mantMlagedchCageKbaNÄH
EdI Gacesbökçn)an . kmkrneyaCit)anniyayfard)al rbseragcRkenakWagtGkRk/RKg)anR)anp| sMoshBkshCBendI .

enAkügeragçRkmY kmkrniyaCitxæcrGaminhæncU rihkÿskmpaBshCB bnbBRoFan shCBmæ(RtU)anbeNij ecj -tak:Tkeson! . -sbGan
 B%manbEnmenAküEpik kareriseGjrbqajshCB nig kdkm/L keGAxagerkam. ;

GkRkbRkg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,Fanafa kmkrniyaCitmanesrPaBmncU rihkÿshCB .				Glsin
BMo,katR)akyPaKTan shCBBR)ak,QÜ rbskmkr niyaCit RbsnebkkmkrniyaCitendkxüecj Bl shCB nig%bædesFecal karGnBaft [kat; R)akyPaKTanBR)ak,QÜ .				Glsin
BMo,ERCotERCksif)bskmkr niyaCit kÿkar begit nigcU rihenAkÿshCBenæeT .				Glsin tak:Tkeson
Kb,eCosvagkMatyFankarNaedI eFI Gaymankar yI faCabNIgrbsGkRkbRkgkÿkarçgRtYRta skmpaBrbsshCB			eGevRkh	

2>3>2 kariseGjRbqajshCB

enAkj eragcRkmly -tak;Tkeson; GkRkRkG)anesIsMaGnBaftBGfKarkargarext pdm, bBaBbRbFanshCBmakkjry³eBl 2 s)anbnabBl nag)anbjtvaETakanGkRkRkG)Tak;TinnjI kxVdKargar . GkRkRkG)anniyayfa RbFanshCBrbenaRbBtPl sFfffl. kmkrneyaCit)anniyayfa GkRkRkG)anbegltPstIragEkqkay edm,KaTIdI karbBaBbKargarRbFanshCBenaH . GFkarkarga)anpl karGnBaft [eragcRk edm,beNlj RbFanshCB enaH bEnkRkRkSaGaCkNpl sMcfafa eragcRkKY [nagcu eFkarvij -esckpMc 91/04; . eragcRkBMV ykkarsMcentet bEnGkRkRkG)B)an dakBakubjeTakanTul akareLy . GkRkRkG)anesIsM nigTTV)ankarGnBaftBRksjKargar nigbNplNpl vCaCl³ edm,Gnmzetael karbBaBbKargar RbFanshCBrbenaHMSvij . -sthemll EpkivaTrixageKamsMbsMlhbBrEdI BakBts ;

enAkj eragcRkmly kmkrneyaCit)anniyayfa ebkCnmlycMminRtU)anCV [eFkar eTalbCaKcabet sPRCserIskmkrneyaCit [cu eFkarkeday eBaHGkRkRkGrkeXlj fa ebkCnTajenaFobcu rnkjshCBkjKargarmu²rbsBkeK -yqva-1; .

GkRkRkG	)anGnutp	)anGnutpdayGenb	B)anGnutp	flj
B)an,briseGjRbqajshkmkrneyaCitcBakar cu rnkjcl nashCB bBakBtsAnkjskmpAb rbssshCBenaH .				tak;Tkeson yqva-1

2>3>3 RbtPbka k

GkRkRkG	)anGnutp	)anGnutpdayGenb	B)anGnutp	flj
Kb,beNlj RbtPbka kec j edayGnal ametAtan c,abEtbaNñH .			CgehV	

Glikolizatsiya	Yanaq	Yanaqda joylashgan	Yanaq	Fluor
Kb, pili, abkargareTA [RotPbKA k enAeBI EdI BkeKesIsM			GtsGg; sansan	
Kb, brobcMare) aheqateCIsersRotPbKA kflu.	GtsPheFI ygva-1		CgehVetyag RTKU	kM DanhyhU sansan yNayFitnitFg
GnBateGayshCBtMlag bkmkrneyaCitbBadi eQhebkÇnsMokare) aheqatRotPbKA k				eGerKh
Kb, Fanafakare) aheqateCIsersRotPbKA k Gnel aneTAtanc, ab; nignitvIFedI GacGnutpan.		GakXit exmbDasEvr eRhaEfc cgyU	RbdELn-1 kM DanhyhU CgehVGlSi eGerKh GtsGg; GtsPheFI paksu raryn; sansan tak; Tkeson vlatNU	santc ygva-1
Kb, FanafachM RotPbKA kRTU) ane) aheqateCIsersRsbeTAtanc, ab; .			GtsGg;	
Kb, pili nleBI erI achM BremagkumYs) an_ kariyal yzeFkamy bnbRbCMY nigsMa ³ kariyal yz CbRotPbKA kedm, bMj kicRarbs; eK .	GakXit eGerKh sansan stic	exmbDasEvr ygva-1	RbdELn-1 kM DanhyhU CgehVGlSi Khtay GtsGg; paksu raryn; RTKU yNayFitnitFg cgyU	

GikRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,biipSay I Tj I énkae) aheqateRCserls RbtPbKA kenAkEngerFkar .				GtsPheFI

2>3>4 m@pMak;TNg

GikRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,Etgtajm@pMak;TNgmak; .	RbdELn-1 Rhgku GtsGg; tak;Tkeson	kbdanhlyhU	Gtsu dhAeFc paksu raryn; yNayFitnlFg cgyU	Khtay
Kb,BeKahCamYkmpkrneyaCitmaeBI Etgtajm@pMak;TNg .			eGerKh	tak;Tkeson
Kb,CbdNngd I kmpkrneyaCitGikRkEtgtajm@pMak;TNg .			exmbDasEvr	tak;Tkeson

2>3>5 vivaTrnh

eragcRkmymanvivaTrnhmy Ed I RtU)anedaRsayedaymankarCYGnpKmnBGfarkargarextp-yNayFitnlFg! . eragcRk nig kmpkrneyaCit)an
sMckicRmeRbogpShpSa Ed I tM[eragcRk³ 1; CV Kil anbdaykanak; nig erCbNtmak; 2; CV bKA kxagsMatGnamy 3; pI ;[kmpkrneyaCitEd I edr
sbgyagehacNasR)akQII Gb,brma 4; pI R)ak;]btthofGaharyagehacNasBrdgkumyEx 5; pI tarkal kkarQbstakRocallDasacR)ak; nig 6;
pI R)akQII TaneBI erl a . kmpkrneyaCit)anniyayfa GikRk/RKg)anGnutp;icRmeBogenHedayGenb . vivaTrnhEd I QaneTAd I kareFIkkmpRtU)anel k
eLgenAepk 2>3>6 -kdkm/LkeGA; xagerkam.

GkRk/RKg	)anGnutp	)anGnutpdayGenb	BManGnutp	fj
Kb,Gnutp/escckp/sMcrcbsRkmRokSaGaCakNpl .				tak;Tkeson
Kb,Gnutp/kankic/Bme/BogénkarpShpSa .	vraTNU	GtsGg;		
Kb,bitpSayn/kic/Bme/BogénkarpShpSa/escckp/sMcrcbsRkmRokSaGaCakNpl enAkEngerFkar .			GtsGg;	raryn;

2.3.6 ktkm/akeGA

BMan/ktkm/TenAkgeragcRkcmh 19.

eragcRkcmh 5 man/ktkm/y -khtay GtsGg;raryn;stic tak;Tkeson! . kmkreFkarTanTardbxagerkam³

- Gnutp/kic/Bme/BogrvagGkRk/RKg nig kmkrniyaCit -stic!
- EtgtayGkRk/RKgrdjal mak;nig CtdMngdI kmkrniyaCitGkRk/Etgtajenal-tak;Tkeson!
- GnBait [GksMatkayCakmkrniyaCiteBj sitbntbBry³eBI 3 Ex -tak;Tkeson!
- p/ R)akrgtheFkareTogTat;-tak;Tkeson!
- p/ R)akrgtheEnhemagEdI)anEkPaBedayGkRk/RKg nig kmkrniyaCit -stic!
- p/ R)akrgtheI kTkcit/sMokarpI itel seKal edApI itkmEdI)anEkPaBedayGkRk/RKg nig kmkrniyaCit -stic!
- kMatR)akrgtheFkareTogTat;RbsnebkmkrniyaCitmkeFkary/bnmanmU ehTEdI mansBI PaB -raryn;tak;Tkeson!
- bBa/bokmkrniyaCit nig p/ R)ak,QÜ bntbkarbBa/bel sBR)ak,QÜ EdI tMedayc,ab;-khtay!
- p/ R)ak,QÜ [kmkrniyaCit ()anqabenAkjEx -raryn;

- CtdMngd I kmkrniyaCitGDR)ak,QÜ Epkel brimaNp I it enAeBI Ed I BkeKcabepmEbbbTfl-rar;yn;
- pasbpmageFkar -rar;yn;
- pñ karQbsMkQWlaymanR)ak,QÜ -tak;Tkeson;
- kMtkareFkarEnBemagenAeFQsAr_Rtm 4 emag -sñc;
- GnBñt [kmkrniyaCit QbsMksMkakarQbsMkRocadMra;yn;
- [RbFanshCBEd I RtU)anbeNij ecj ½Bñkargar [cU eFkarvij -tak;Tkeson;
- [kmkrniyaCitEd I RtU)anbeNij ecj cU eFkarvij -rar;yn;
- pñ ½BRgkkEngctyanynp-tak;Tkeson;
- EfrkSagñGnamiz [)ansñt -tak;Tkeson;
- kM kmkrniyaCit @spl ksM okbñak;-tak;Tkeson;
- kMñz kmkrniyaCitEd I eFkñkmp-tak;Tkeson;
- pñ ; [kmkrniyaCitnR)akrgñeFkareTogTatkñkMgeBI kñkmp-tak;Tkeson;
- pñ R)ak,QÜ [kmkrniyaCitkñkMgeBI kñkmp-rar;yn;
- pñ R)ak,QÜ [kmkrniyaCit sMkargarEd I min)aneFkMgeBI daccrnñKñsnl-GñsGg;

enAkñkrNñny GñRkBRkgn kmkrniyaCit)ansñMckicRmeBogeday GenbedaymankarCYGnpakmnBRksñkargar nigbNñbNñl vCñCl³ -rar;yn;
 nigenAkñkrNñny BkeK)ansñMckicRmeBogedayBmankarCYGnpakmn-GñsGg;. enAkñkrNñny Rksñkargar nigbNñbNñl vCñCl³ nigGaCaFrmU dñ
)anpShpSavaT bññpñManc,as;l asenAeLyeTfaGñRkBRkgn kmkrniyaCit)ansñMckicRmeBog -tak;Tkeson;. enAkñkrNñny2 vivaTñmU RtU)an
 bññeTakanRkmRokSaGaCñkNñl -Khtay sñc; ehly enAkñkrNñny manEtEpkñvivaTmly/bññRtU)anbññeTakanRkmRokSaGaCñkNñl .

enAkükrNimY RkmRokSaGaCakNpl)anbdesFBakübNimYrbskmpkrniyaCitügöcNanBakübNimYCaerch ehly)anGBlana [kmpkrniyaCit nig
GkrRkbrKgBüayamedalRsayBakübNimYdeTot -Khtay! . kmpkrniyaCitminRmTTV ykkarsMcrbsRkmRokSaGaCakNpl enH ehlymanKMagdakBakü
bNimYetaKantul akar . enAkükrNimY -tak;Tkeson! RkmRokSaGaCakNpl)ansMcfa eragcRkY [RbFanshCBEdl RtU)anBabBkarga cu eFkarvij
-esckpsMc 91/04! . eragcRkBMV ykkarsMcentet bEnp GkrRkbrKgBüayamedalBakübNimYetaKantul akareLly . GkrRkbrKg)anesisMing TTV)ankar
GnBabBRksykgarga nig bNimYbNpl vCaCl³ edm,GnmYetael karBabBkargaRbFanshCBEdl naCMSvij . -sbemil EpkivaTrnsMbsNlbBrEdl
BakBüs! enAkükrNimY GkrRkbrKg)anGnutpsckpsMcrbsRkmRokSaGaCakNpl -shtic! .

GkrRkbrKg)anGnutpsckpsMcrbsRkmRokSaGaCakNpl -shtic! .

kmpkrniyaCitenAkügeragcRkmY)anCldNimYdI eragcRkry³eBl 4 éffimongeFikdkmp-tak;Tkeson! nig kmpkrniyaCitenAkügeragcRkmY -shtic!
)anCldNimYdI eragcRk nig GFkarkargary³eBl 4 éffim . kmpkrniyaCitenAkügeragcRkmYmanbNimYgedalRsayvivaTmongeFikdkmp-tak;Tkeson! . kmpkr
niyaCitenAkügeragcRkchM 3 min)anGnel ametAtanc,ab; nig nitivFCaFrmanet mongeFikdkmp-Khtay GbsGg; raryn! . kdkmptayGskWakdkmpday
snpFl.

237 vivaTbKA

vivaTbKA Edl QaneAdl kareFikdkmpRtU)anel kelGenEpk 236 -kdkmptayLkeGA! xagel I .

3 esckpsegbGMSnPaBénkarGnwtpameragcRknmly²

EpkenHpl nvesckBNhaCaTETA GMD/nPaEdI sMlc)anedayeragcRknmly² kúkarGnutpnu sNlhbBr . eragcRkEdI)anbBaib; b= kúbskmpaBmumankarcltandanBnitüemil el kTBr BntU)an bBaipkúgBakagekamenHeT . esckpBakEdI RtUel keLgcbahsNlhbBrfju KúbbBaig [eXlj Bkar pasbphusnPaBxisBlnu EdI kal enah BManel kCasNlhbBr [eFkarEkI M [)anRoesteT . karpasbphus nPaBxisBlnu edayEpkeTael W/nPaBfju bmuageTotqúbbBaig [eXlj nUsnPaBmyEdI mankarstít shúkkúkarbkRsaybBaipgpat; eTb)anCatRnu [mankarel keLgnUsNlhbBrfTadlenH .

GakXit hámin ehkeFHexmbDa I mFlit³ kúcbNamsNlhbBrchh 23 EdI)anel keLg sNlhbBrchh 7 RtU)anGnutpsNlhbBrchh 4 RtU)anGnutpdayGenbsNlhbBrchh 11 BntU)anGnutpT ehlysNlhbBrchh 1 RtU)anI becal edaysarEtEl gBakBhs. mansNlhbBrfphh 8 RtU)anel keLg .

RbUeLn exmbDa hámin GuDisRpsaxaTI 1³ kúcbNamsNlhbBrchh 37 EdI)anel keLg sNlhbBrchh 7 RtU)anGnutpsNlhbBrchh 2 RtU)anGnutpdayGenbsNlhbBrchh 27 BntU)anGnutpT ehlysNlhbBrchh 1 RtU)anI becal edaysarEtEl gBakBhs. mansNlhbBrfphh 10 RtU)anel keLg .

exmbDa sXEv GmeGhVI Gil FDI³ kúcbNamsNlhbBrchh 24 EdI)anel keLg sNlhbBrchh 7 RtU)anGnutpsNlhbBrchh 5 RtU)anGnutpdayGenb ehlysNlhbBrchh 12 BntU)anGnutpT. man sNlhbBrfphh 14 RtU)anel keLg .

kúbdan hlyhúhámin &nltFg hkeFh³ kúcbNamsNlhbBrchh 48 EdI)anel keLg sNlhbBrchh 5 RtU)anGnutpsNlhbBrchh 3 RtU)anGnutpdayGenbsNlhbBrchh 35 BntU)anGnutpT ehlysNlhbBrchh 5 RtU)anI becal edaysarEtEl gBakBhs. mansNlhbBrfphh 10 RtU)anel keLg .

eragcRktm,aj sM okbBakCgehV³ kúcbNamsNlhbBrchh 52 EdI)anel keLg sNlhbBrchh 2 RtU)anGnutp ehlysNlhbBrchh 50 BntU)anGnutpT . KansNlhbBrfphh)anel keLgeT .

Glsin exmbDa nltFg xGil FDI³ kúcbNamsNlhbBrchh 49 EdI)anel keLg sNlhbBrchh 3 RtU)an GnutpsNlhbBrchh 3 RtU)anGnutpdayGenbsNlhbBrchh 42 BntU)anGnutpT ehlysNlhbBrchh 1 RtU)anI becal edaysarEtEl gBakBhs. mansNlhbBrfphh 19 RtU)anel keLg .

eGevKk hÁmin ³ kŭcŭNamsNubBrchM 42 Ed I)anel keLg sNubBrchM 19 RtU)anGnutpsNubBrchM 19 BntU)anGnutpT ehlysNubBrchM 4 RtU)anI becal edaysarEtEl gBakBŭs. mansNubBrfŭchM 10 RtU)anel keLg .

RhŭkhitFg hÁmin hŭkeFI Gil FDI ³ kŭcŭNamsNubBrchM 20 Ed I)anel keLg sNubBrchM 8 RtU)anGnutpsNubBrchM 2 RtU)anGnutpdayGenbehlysNubBrchM 10 BntU)anGnutpT. mansNubBrfŭchM 14 RtU)anel keLg .

eRhŭeFc GnpCati ³ kŭcŭNamsNubBrchM 30 Ed I)anel keLg sNubBrchM 8 RtU)anGnutpsNubBrchM 2 RtU)anGnutpdayGenbehlysNubBrchM 20 BntU)anGnutpT. mansNubBrfŭchM 6 RtU)anel keLg .

Khtay hÁmin ³ kŭcŭNamsNubBrchM 36 Ed I)anel keLg sNubBrchM 10 RtU)anGnutpsNubBrchM 6 RtU)anGnutpdayGenbsNubBrchM 19 BntU)anGnutpT ehlysNubBrchM 1 RtU)anI becal edaysarEtEl gBakBŭs. mansNubBrfŭchM 8 RtU)anel keLg .

GŭsGg; hÁmin ³ kŭcŭNamsNubBrchM 63 Ed I)anel keLg sNubBrchM 19 RtU)anGnutpsNubBrchM 4 RtU)anGnutpdayGenbehlysNubBrchM 41 BntU)anGnutpT. mansNubBrfŭchM 2 RtU)anel keLg .

GŭsPheFI hÁmin enntŭkQrrg -exmbDa; I hFit ³ kŭcŭNamsNubBrchM 29 Ed I)anel keLg sNubBrchM 3 RtU)anGnutpsNubBrchM 5 RtU)anGnutpdayGenbehlysNubBrchM 21 BntU)anGnutpT. mansNubBrfŭchM 15 RtU)anel keLg .

paksu nitFg ehkeFI ³ kŭcŭNamsNubBrchM 50 Ed I)anel keLg sNubBrchM 19 RtU)anGnutpsNubBrchM 3 RtU)anGnutpdayGenbehlysNubBrchM 28 BntU)anGnutpT .

raryn; hÁminxb ³ kŭcŭNamsNubBrchM 52 Ed I)anel keLg sNubBrchM 17 RtU)anGnutpsNubBrchM 6 RtU)anGnutpdayGenbsNubBrchM 21 BntU)anGnutpT ehlysNubBrchM 8 RtU)anI becal edaysarEtEl gBakBŭs. mansNubBrfŭchM 3 RtU)anel keLg .

sansan km@a I hFit ³ kŭcŭNamsNubBrchM 26 EdI)anel keLg sNubBrchM 7 RtU)anGnutp minmansNubBrNaktU)anGnutpdayGenbT ehlysNubBrchM 19 BntU)anGnutpT. mansNubBrfpmM 8 RtU)anel keLg .

satic GudisRshy ³ kŭcŭNamsNubBrchM 17 EdI)anel keLg sNubBrchM 5 RtU)anGnutpehly sNubBrchM 12 BntU)anGnutpT. mansNubBrfpmM 2 RtU)anel keLg .

satic PFGuGil FDI ³ kŭcŭNamsNubBrchM 8 EdI)anel keLg sNubBrchM 5 RtU)anGnutpehly sNubBrchM 2 RtU)anGnutpdayGenbehlysNubBrchM 1 BntU)anGnutpT .

tak;keson Ghefil -Gtit hnnhmin xUGil FDI ³ kŭcŭNamsNubBrchM 40 EdI)anel keLg sNubBrchM 14 RtU)anGnutpsNubBrchM 3 RtU)anGnutpdayGenbsNubBrchM 20 BntU)anGnutpT ehlysNubBrchM 3 RtU)anI becal edaysarEtEl gBakBhs. mansNubBrfpmM 16 RtU)anel keLg .

shKaskatedr etyag ³ kŭcŭNamsNubBrchM 11 EdI)anel keLg sNubBrchM 5 RtU)anGnutp sNubBrchM 1 RtU)anGnutpdayGenbehlysNubBrchM 5 BntU)anGnutpT. mansNubBrfpmM 3 RtU)anel keLg .

RTKU-km@a;fcEsh ³ kŭcŭNamsNubBrchM 22 EdI)anel keLg sNubBrchM 3 RtU)anGnutp sNubBrchM 2 RtU)anGnutpdayGenbsNubBrchM 22 BntU)anGnutpT ehlysNubBrchM 1 RtU)an I becal edaysarEtEl gBakBhs. mansNubBrfpmM 5 RtU)anel keLg .

yNayFit nitFg eGmeGhU ³ kŭcŭNamsNubBrchM 45 EdI)anel keLg sNubBrchM 9 RtU)anGnutp minmansNubBrNaktU)anGnutpdayGenbT sNubBrchM 35 BntU)anGnutpT ehlysNubBrchM 2 RtU)an I becal edaysarEtEl gBakBhs. mansNubBrfpmM 13 RtU)anel keLg .

vraTNUIsaj -exmbDa; PFGuGil FDI ³ kŭcŭNamsNubBrchM 42 EdI)anel keLg sNubBrchM 14 RtU)anGnutp sNubBrchM 2 RtU)anGnutpdayGenb ehlysNubBrchM 26 BntU)anGnutpT. man sNubBrfpmM 6 RtU)anel keLg .

Ygva Ghdærsöl -saxaTI 1 ³ kǫcǫNamsNIbBrchMh 30 EdI)anel keLg sNIbBrchMh 7 RtU)an
GnutpsNIbBrchMh 2 RtU)anGnutþdayGenbehlySNIbBrchMh 21 BntU)anGnutþT. mansNIbBrfþMh
8 RtU)anel keLg .

cgYUxGIil FDI-GtIt XnemAslj Gil FDI ³ kǫcǫNamsNIbBrchMh 32 EdI)anel keLg sNIbBrchMh
2 RtU)anGnutpsNIbBrchMh 6 RtU)anGnutþdayGenbsNIbBrchMh 22 BntU)anGnutþT ehlySNIbBr
chMh 2 RtU)anI becal edaysarEtEl gBakBhS. mansNIbBrfþMh 6 RtU)anel keLg .

esckp snlanbBa

r)aykarNenH K(Or)aykarNel kTI 10 bnbnbKEd I manbBaKeQHeragcRkTajG; . BMan
PstlagBkargaredaybgM bkarerlseGhenAkgeragcRkNanlyEd I)anerobrabenAkgr)aykarNenHeT el k
El gEtkarerlseGgRbqatJshCB .

BMankarbgaj BBI kmkmanenAkgeragcRkNanlyenHeT .

eragcRkchh 4 xkxanmin)anFanansitf kmknieyaCitkugkarerobcmhg/boesrPaBptBkarerlseGg
RbqatJshCBely .

mankarGnel anl ATatanc,abkargar enAkgeragcRkMan²Caerch³

- eragcRkTajGsp; [kmknieyaCitCab;I abnUR)ak,Q Gb,brmasMbemageFkarFmpta nigGRta
RtmRtUsMbkareFkarbenhemagFmpta .
- 83° éneragcRkTajG; p; [kmknieyaCitmgmal nUR)ak,Q Gb,brmasMbemageFkarFmpta
nig 96° p; [kmknieyaCitmgmal nUGRtaRtmRtUsMbkareFkarbenhemagFmpta .
- eragcRkTajGEd I RtU)anchRtYBhitü p; karQbsMkRocadMlaymanR)ak,Q chh 18 éf].
eragcRkchh 63° p; R)ak,Q RtmRtUkugkMgeBI karQbsMkI MmatPaB -eragcRkEd I
minGnutpsbeTatanc,ab; CaFmpta p; CdkmknieyaCitnUR)ak,Q BakkNal Etmin)anp; nU
GtRbeyacngsg²BakkNal eTotelLy; . yagNakeday manEtBakkNal éneragcRkEd I RtU
)anchRtYBhitüTajGsbNñH Ed I p; R)ak,Q stbkarQbsMkQWAtaneKal neya)ayrbs;
Rksygkargar nig bNñbNñl vCaCl³ .
- 71° éneragcRkTajG;FanafakargarbenhemagRtU)aneFidaysRkCitp . EteTahCayagNakp
kargarbenhemagrbseragcRkchh 2 PaK 3 enAetmanry³eBI EvgCagry³eBI Ed I kNIteday
c,ab;nigenAkgeragcRkchh 3 PaK 4 kargarbenhemagminxisBkargarFmptaet .

enAtameragcRkPaKerch mankarckchhCadMñEpkEk I M I kxYkargar Et]bsKñAetmandEd I .
eragcRkmlychhFMbgbnkarGnutpsNñbBr xN³Ed I eragcRkmlychh tbeTotmin)anxitxRbgERbgRkb;
Rkanedh,Ek I MeLy .

GgkBI kmGnpCati (ILO) ngbnkicRrenHCamYRkbPaKEdI BakBhS edm,haMknWDAInPaB
bEnheTot . KMag ngpasbpkarykcitpikdak;eqateArkkareFiyagNaeGayRoBhSamXednll manninpPaB
nigeArkkarbeghtynkannaedm,edaRsaybBaEdI)anrkeXlj eGaymanI kN³CaRoBhS. KMag ngBRgk
kmpFEkI MenH eGay)andI eragcRkbEnheTotenAqam 2005 edm,CyeGaykan[etmanPaBRbestelgnU
I kN³CaRgar ng plitPaB RBmTagbeghtnU]bkrNEdI GacykeTaeR)askgRTgRTayFMkvisyenH
TagmU edm,FanakarGnutp_edayGnel ametAtanc,ab;ngbTdækargaEdI mankaTTV sAl CaGnpCati .

* * * * *

esckpfgkarN_rbsKN³kmkarRokSaKMag (PAC)

SBI

karecj pSayr)aykarN_SMyaKel kTI 15

rbsGgkarBI kmGnpCati (ILO)

SBI kxNkargar kugvisykatedrenAkm&a

- 1> enAefqll28 Ex kBaql2005 KN³kmkarRokSaKMag rbs: *KMageragcRkkanEtRbestenAkm&a*³
énGgkarBI kmGnpCati)anCbRbCmATRkgPIBj edm,Bnitüemll nig pI karyI RBmeTael I
r)aykarN_SMyaKel kTI 15 rbsGgkarBI kmGnpCatisBI kxNkargar kugvisykatedrenA
km&a . KN³kmkarRokSaKMagmanGktMagbrömkBiraCrdap)al km&a smaKmeragcRkkatedr
enAkm&a nigcI nashCBkm&a .
- 2> smaCkKN³kmkarRokSaKMag sKmnUkarecj pSayr)aykarNenH ehlyCafmpgeTot)ansUlg
nUkarekatsresrdI bKA krbsKMagGgkarBI kmGnpCati EdI)anbnR)asnWfIsaSp^{3/4}
RtmRtU nghjctenAkugkarefikavaytU rbsxü .
- 3> eygeCOCakfa karsMccitpSKN³kmkarRokSaKMag kugkarKant dI kmuFGgkarBI kmu
GnpCati)annaMknUpI RoeyaCnCarCmandI KMagenH nig)annaMknUl kxNkargarkanEt I ¥
Rbest nigkareKarBsifbskmkrneyaCitkanEtRbest . eybgsGmfakicRarenHng nabGayman
pI itPaBxsCagmukugeBI GnaKt .
- 4> eygktsMal edayesckpBj citf(r)aykarNenH)anbBaKfa BManPstIragenkargaredaybgM=kar
erseGgeRkABmankrNkzBakBngkarerseGgRoqatishCB RtU)anrkeXlj enAtameragcRkEdI)anch
GegateLly .
- 5> eygkMa nesckpkraypgEdrEdI)anktsMal fa BMankarbgaj BBI kmkmarenAkugeragcRkmlyNa
eLly .

³ kal BhumaneQpHfaKMagEkI Ul kxNkargarkugvisykatedrenGgkarBI kmGnpCati .

- 6> eygktsMal edaykaresakshyfa maneragcRkcmH 4 min)anFana[kmkrneyaCitmansitkgkar erobcmig1/2=esrPaBptBkareriseGgRbqatJshCBET .
- 7> eygktsMal fa eragcRkTajGSEdI RtU)anclRtYBnituemll p[[kmkrneyaCitCab;I ab; nUR)ak,QÜ Gb,brmasMabemageFkarFmpta nig GRtaRtmRtUsMabkareFkar bEnfhemagFmpta . 83° éneragcRkTajGSp[[kmkrneyaCitmgmal nUR)ak,QÜ Gb,brmasMab; emageFkarFmpta nig 96° p[[kmkrneyaCitmgmal nUGRtaRtmRtUsMabkareFkarbEnfhemag Fmpta.
- 8> eygktsMal fa eragcRkTajGSEdI RtU)anclRtYBnituemll p[kar ObsMkRocadMabmanR)ak,QÜ cmH 18 éf[. eragcRkcmH 63° p[R)ak,QÜ RtmRtUkg kMgeBI karObsMkI MmatPaB -eragcRkEdI minGnut[sbetAtanc,ab; CaFmptap[Cdkmkr neyaCitnUR)ak,QÜ BakkNpl Etmin)anp[ClnUGtRbeyaCnepSg²BakkNpl eToteLy |. Et yagNakéday eygktsMal edaykaresakshyfa manEtBakkNpl éneragcRkEdI RtU)anclRtY Bnituemll TajGSEtbaNH p[R)ak,QÜ smabkarObsMkQW eTatamekal neya)ayrbsRks[kargar nig bNplbNpl vCaCl³ .
- 9> eygktsMal exLij pgEdrfa 71° éneragcRkEdI RtU)anclRtYBnituemll Fanafa kargarbEnfhemag KWKargarsKcitp. EteTatCayagNa eygmankaresakshyedayktsMal exLij fa PaBj kj ab; nig frevI ænkargarbEnfhemag enAetCabBaænAtameragcRkmYcmHFM eygshGBanardI neyaCkTaj GSEdI RtU)anrkeXij famanbBaænH [bBj nUkatBkK[sbc,abrbsBkeKenAküEpkenH .
- 10> ebEtalberagcRkmYcmHFM I)anerobrabenAküj)aykarNenH)aneFUGaymankarrkcmHcadM kMhenAkükarEkI I k[PaBkargar)anRbestCagmukp KN³kmkarRokSakMagmankaresakshy EdI eragcRkmYcmHtHThgddCa)anxitxNbgERogtict[bbaNH CaBessenAküEpksutPaB nig s[PaBkargar . edaysarkm[a)ancU CasmaCkGgkarBaNCkmPPBel ak karI becal nU k[anadU nigkarptkM[ténkc[BmeRógBaNCkmv[agkm[a nigshrd[æmrkenal eygeCOCak; fakarmanI k[PaBkargar nig Thk;Thgkargarkükt[bTdaæxsenAküvis[yenHTajmU KWaRkar sManb[.

11> CaffmgeTot KN³kmkarRokSakMag sbhGNavndI m&PaKhu CaBessGikTij sbeGay
bgäj nUkarKArbsxü cBakic@txNbyERogEdI kBgektmanenAkm& tamry³karbegänU
kartajcitij plitpl nigcU rihvPaKTandI ;sSahkmkatedrrbseytg edayeh tdechehy
mankarrincNkbEnbeTotkükarEkI M I k&PaBarga eGaykanEtmanI kN³I KoestenAkü
visykat,edrsM okbBakenAkm& .

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