

©ML<?J@>: X^a
Až _kl bl _ev ^bj _dl hj Z
i h nq_l gh f _l h^bq_kdhc
j ž hl _
_____ > : F žž ž h\Z
©BBB^a_____2023]

J: ; HQ: Y I JH=J: F F : MQ?; GHC >BKPBI EBGU

HM> 7 NBABQ?KD: Y DMEVLMJ:

Ki _pbZevghkl v 39.02.01. KhpbZevžy j ž hl Z

D\ Zebnbdžpby \ u i nkdgdZ ki _pbžebkl i h khpbZevghc j ž hl _

Hkgh\gZy ijhn_kkbhgZevgZy h[jZah\ZI_ev
jZajZ[hIZgZ gZ hkgh_ n_^_jZevgh]h]hkm^Zjkl\
klZg^ZjIZ ih ki_pbkZj_e^gh_khb ijhn_kkbhgZevgh]h h
KhpbZevgZy jZ[hIZ \oh^ys_c \ khklZ\ m
ki_pbZevghkl_c Khpbheh]by b khpbZevgZ
ljbZahf Fbgbkl_jkl\Z h[jZah\Zgby b gZmdb JN
] ‹

J:KKFHLJ?GH

gZ aZk_^Zgbb l_^Z]h]bqHQM ©=ID^HZe ‹ hl
29.08.2023]

JZajZ[hIq=ZfaZ_\Z A J ij_ih^Z\ZI_ev IHQM =ID

J_p_ga_glu

;mIIZ_ FknZb^h\bq dZhg^ab^ZI_fZlbq_kdbo gZmd IHQ
©=ID^a

>`Zo[Zjh\Z AZ]jZI FZ]hf_d^Zegb_\^hp_gl dZn_^ju [b
wdheh]bb b f_lh^bdb ij_ih^Z\Zgby nZdmevl_IZ [bheh
>=IM

1. KH>?J@:GB?
2. H;S:Y O:J:DL?JBKLB D: J:;HQ?C IJH=J
MQ?;GHC >BKPBIEBGU
3. KLJMDLMJ: B KH>?J@:G?B?H M >BKPBIEBGU
4. MKEH<BY J?:EBA:PBB J:;HQ?C IJH=J:FFU
5. DHGLJHEV B HP?GD: J?AMEVL:LH<
MQ?;GHC >BKPBIEBGU
6. :>:IL:PBY J:;HQ?C IJH=J:FFU IJB H;MQ
EBP K H=J:GBQ?GGUFB <HAFH@GHKLYFB
7. EBKL I?J?ML<?J@>?GBY :DLM:EBA:PBB
IJH=J:FFU>BKPBIEBGU

I. H;S:Y O:J:DL?JBKLB;HQ?C IJH=J:FFU
MQ?;GHC >BKPBIEBIBU NBABQ?KD:Y DMEVLMJ

1.1. F_klh ^bkpbiebg \ kljmdlmj_
ijhn_kkbhgZevgh\ZI_evghc ijh]jZff_
F_klh ^bkpbiebg \ kljmdlmj_ h[jZah\ZIKLevgh
H[s_h[jZah\ZI_evghy Hkpb@Nbabq_kdZy dmevlmjZ
h[yaZI_evghc qZklvx h[s_h[jZah\ZI_evgh]h pbc
ijh]jZffu \ khhl_lkl\bb k N=HkgZij\ei_gbx
KhpbZeyZylZ

1.2. P_ebieZgbjm_fu_ j_amevly ^bkpbiebg
P_eb ^bkpbiebg
Kh^_j`Zgb_ ijh]jZffu @Nbabq_kdZy dmevlmjZ^a gZ
^hklb`_gb_ ke_^mxsbo p_e_c
í nhjfbjh\Zgb_ nbabq_kdhc dmevlmj_ ebq
ijhn_kkbhgZeZ \hklj_[h\Zggh]h gZ kh\j_f_gghf jugd
í jZab\l_b_nbabq_kdbo dZq_kl\ b kihkh[ghkl_c k
nmgdpbhgZevguo \hafh`ghkl_c hj]ZgbafZ mdj_ie
a^hjh\vy
í nhjfbjh\Zgb_ mklhcqb\uo fhb\h\ b ihlj_[ghk
hlghr_gbb d kh[kl_gghfm a^hjh\vx \ aZgyb
h^hjh\bl_evghc b kihjb\gh
- ha^hjh\bl_evghc ^_yl_evghklvx
í h\ez^_gb_ l_ogheh]byfb kh\j_f_gguo ha^hj
nbabq_kdh]h \hkiblZgby h[h]Zs_gb_ bg^b\b^mZe
ki_pbZei]gdeZ^gufb nbabq_kdbfb mijZ`g_gbyfb b [Z
kihjZ
í h\ez^_gb_ kbkl_fhc ijhn_kkbhgZevgh b `h
ijZdlbq_kdbo mf_gbc b gZ\udh\ h[_ki_qb\Zxsbo kh
nbabq_kdh]h b ikbobq_kdh]h a^hjh\vy

í hk\h_gb_ kbkl_fu agZgbc h aZgylbyo nbabq_ko
 agZq_gb_íjbh\Zgb a^hjh\h]h h[jZaZ `bagb b khpbZev
 í ijbh[j_l_gb_ dhfi_l_glghklb \-hrab^adim\evlreygh
 kihjlb\ghc ^_yl_evghklb h\ez^_gb_ gZ\udZfb l\hjq
 dhee_dlb\guo nhjfZo aZgylbc nbabq_kdbfb mijZ`g_g
 1.2.3. leZgbjmfu_ j_amevlZlu hk\h_gby h[s_h[jZa
 ^bkpbiebg \ khhl_lkl\bb k N=HK KIH b gZ hkgh\
 agZq_gb_ ^bkpbiebgZ bf__l ijb nhjfbjh\Zgbb b jZa\

HD Hkms_	< qZklb ljm^h\h]h	- mf_lv bkihe
ihbkd ZgZ	-]hlh\ghklv d ljm^m	jZaghh[jZagu_
bgl_jij_lZpb	p_gghklb fZk	\b^u nbadme
bgnhjZpbb	ljm^hex[b_	^_yevghk
g_h[oh^bfh^	-]hlh\ghklv d	h[jZaZ `bagb
\uihe_gby	^_yl_evghklb l_og	h[jZaZ `bagb
ijhn_kkbhgZ	b khpbZevghc gZij	hl^uoZ b ^hkm
^_yl_evghkl	kihkh[ghklv bgb	qbke_ \ ih^]h
	ieZgb\Zl b kZfhklh	\uiheg_gbx ghj
	\uihegylv lZdmx ^_	<k_jhkkbckdh]h
	- bgl_j_k d jZaebq	nbadmev-lmjgh
	ijhn_kkbhgZevghc	kihjlb\gh]h dh
	^_yl_evghklb	©=hlh\ d ljn
	mgb_jkZevgufb	h[hjhg_a =LH
	ihagZ\Zl_evgufb ^_	- \ez^_lv kh\j_
	Z [Zah\u_ e	l_ogheh]byfb m
	^_ckl\by	b kh\Zg_gb a^hj
	-kZfhklhyl_evgh	ih^^_j`Zgby
	nhjfmebjh\Zlv	jZ[hlhkihkh[ghk
	ZdlmZgb^Z ih[e_	ijhnbeZdlbdb
	jZkkfZljb\Zlv __ \k	aZ[he_\Zgbc k
	- mklZgZ\eb\Zlv km	mq_[ghc
	ijbagZd beb hkgh	ijhba\h^kl_ggh
	kjZ\g_gby deZkkb	^_yl_evghklvx
	h[h[s_gby	- \ez^_lv hkg
	- hij_^_eylv	kihkh[Zfb kZfh
	^_yl_evghklb	bg^b\b^mZevgu
	iZjZf_lju b djbl_	ihdZaZl_e_c
	^hklb`_gby	mfkl_gghc b nl
	- \uy\eylv aZdhghf	jZ[hlhkihkh[ghk
	ijhjb\hjqby	^bgb db nbabq_

	<p>jZkfZljb\Z_fuo y\e_ - \ghkblv dhjj_d ^_yl_evghklv khhl_lkl\b_ j_ p_eyf hp_gb\Zlv ihke_^kl\bc ^_yl_e - jZa\b\Zlv dj_ fure_gb_ ijb j `bag_gguo ijh[e_f bkke_^h\ZI_evkdb_ - \eZ^v gZ\udZfb bkke_^h\ZI_evkdhc ^_yl_evghklv jZaj_r_gby ijh[e_f - \uy\eylv ijb ke_^kl_ggu_ k\ ZdlmZebabjh\Zlv \u^\b]Zlv]bihl_am</p>	<p>jZa\b\by b nb dZq_kl\ - \eZ^lv nbab mijZ`g_gbyfb nmgdpbhgZevgh gZijZ\^e_gghklb bkihevah\Zgb_ j_`bf_ mq_[g ijhba\h^kl_ggh ^_yl_evghklb ijhnbeZdlbdb i_j_mlhfe_gby khojZg_gby jZ[h\h\kkhg]hklb</p>
<p>HD Bkihe kj_^kl\Z nbabq_kdhc dmevlmju khojZg_gby mdj_ie_gby a^hjh\vy \ i ijhn_kkbhgZ ^_yl_evghkl ih^^_j`Zgby g_h[oh^bfh] mjh\gy nba ih^]hlh\^e_gg</p>	<p>-]hlh\ghklv d kZfh kZfhklhyl_evghklb kZfhhhj_ebg -h\^eZ^_gb_ gZ\udZ bkke_^h\ZI_evkdhc b khpbZevghc ^_ H\^eZ^_gb_ mgb\ dhffmgbdzlb\gufb ^_ckl\byfb [k ^_yl_evghklv - ihgbfZlv b bkih ij_bfms_kl\Z dhfZ bg^b\b^mZevghc jZ - ijbgbfZl pbekh\^f_ ^_yl_evghklb hj]Z b dhhj^bgbjh\Zlv ^ _^hklb`_gbx jZ ieZg ^_ckl\bc jZ jheb k mq_lhf mqZklgbdh\ j_amevlZlu kh\^f_kl - dhhj^bgbjh\Zlv b jZ[hlm \ mkeh\Zebhd \bjlmZevgh]h dhf[bgbjh\Zggh]h \aZbfh^_ckl\by</p>	<p>b kZfhhi_j^_e h\^eZ^_gb_ g mq_{gh bkkeh\Zevkdh ijh_dlghe b kh ^_yl_evghklb mgb_jkZevgufb dhffmgbdzlb\gu ^_ckl\byfb kh\^f_klgZy ^_yl - ihgbfZlv bkihevah\Zlv ij_bfms_kl\Z dh b bg^b\b^m jZ[hlu ijbgbfZlv kh\^f_klghe ^_yl hj]Zgba\Zlw dhj^bgbjh\Zlv ^ ih _^hklb khklZ\eylv ieZg jZkij^_eylv j mq_lhf f mqZklgbdh\ h j_amevlZlu kh jZ[hlu - dhhj^bgbjh\Z</p>

- hkms_kl\eylv ih	\uihegylv jZ[r
kljZl_]bq_kdh_ ih	mkeh\byo j_
jZaebqguo kb	\bjlmZevgh]h
ijhy\eylv l\hj_q_k	dhf[bgbjh\Zggh]
\hh[jZ`_gb_	\aZbf^_t\ky
bgbpbZlb\guf	hkms_kl\eylv ih
H\ez^_gb_ mgb\	kljZl_]bq_kdh_
j_]meylb\gufb ^_ck	\ jZaebqguo k
] ijbgylk_[yb ^m]	ijhy\eylv l\hj_q_
ex^_c	\hh[jZ`_gb_
- ijbgbfZlv fhlb\	bgbpbZlb\guf H
Zj]mf_glu ^jm]bo	mgb_jkZevgufb
ZgZeba_ j_a	j_]meylb\gufb
^_yl_evghklb	^_ckl\byfb]
- ijbagZ\Zlv k\h_	k_[y b ^jm]bo e
ijZ\h ^jm]bo ex	- ijbgbfZlv fhll
hrb[db	Zj]mf_gljum]b ex^
- jZa\b\Zlv kihl	ijb ZgZeba_ j_
ihgbfZlv fbj k ihab	^_yl_evghklb
-]hlh\ghklv d kZfh	- ijbagZ\Zlv k\h_
kZfhklhyl_evghklb	ijZ\h ^jm]bo e
kZhhij^_e_gbx	hrb[db
- gZebqb_ fhlb\	- jZa\b\Zlv kihl
h[mq_gbx b ebc	ihgbfZlv fbj k i
jZa\blbx	mf_lv bkihe
< qZklb nba	jZaghh[jZagu_
\hkiblZgby	\b^u nbadme
knhjfbjh\Zgghklv a	^_yl_evghklb
[_ahiZkgh]h h[jZa	hj]ZgbaZpbb
hl_lkl_ggh]h hlg	h[jZa`_gb Zdlk
k\h_fm a^hjh\vx	hl^uoZ b ^hkm
- ihlj_[ghklv \ nb	qbke_ \ ih^]h
kh_jr_gkl\h\ZgZby	\uiheg_gbx ghj
kihjl_gha^hjh\bl_ey	<k_jhkkbckdh]h
^_yl_evghklvx	nbadmev-lmjgh
- Zdlb\gh_ g_ijbylb	kihjl_gh]h dh
ijb\uq_d b bgud	©=hlh\ d ljn
ijbqbg_gby \j_^Z n	h[hjhg_a =LH
b ikbobq_kdhfm a^	- \ez^_lv kh\j_
H\ez^_gb_ mgb\	l_ogheh]byfb m
j_]meylb\gufb ^_ck	b khojZg_gby
Z kZfhhhj]ZgbaZpby	ih^^_j`Zgby
-- kZfhklhyl_evgh l	jZ[hkikhk]ghklb
ieZg j_gby ijh[e_	ijhnbeZdlbdb

	<p>mq_lhf bf_xsboky kh[kl_gguo \hafh` ij_^ihql_gbc - ^Z\Zlv hp_gdm kblmZpbyf - jZkrbjylv jZfdb ij_^f_IZ gZ hkgh\ ij_^ihql_gbc - ^_eZlv hkhagZgg Zj]mf_glbjh\Zlv _ hl\kl\gghklaZ j_r hp_gb\Zlv ijbh[hiul -kihkh[kl\h\Zlv nhjfbjh\Zgbx b ijh rbjhdhc wjm^bpb h[eZklyo agZgbc ih\urZlv h[jZah\ZI_evguc b mjh\v_g</p>	<p>aZ[he_\Zgbc k mq_[ghc ijhba\h^kl_ggh ^_yl_evghklvx - \eZ^_lv hkg kihkh[Zfb kZfh bg^b\b^mZevgu ihdZaZI_e_c mfkl_gghc b n jZ[hlhkihkh[ghk ^bgZfbdb nba jZa\blby bab dZq_kl\ - \eZ^_lv nbab mijZ`g_gbyfb nmgdpbhgZevgh gZijZ\e_gghklb bkihevah\Zgb_ j`bf_ mq_[g ijhba\h^kl_ggh ^_yl_evghklb ijhnbeZdlbdb i_j_mlhfe_gby khozZg_gby jZ[hlhkihkh[ghk - mf_lv bkihe jZaghZagu nhjfu \b^u nbadme ^_yl_evghklb hj]ZgbaZpbb h[jZaZ `bagb hl^uoZ b ^hkm qbke_ \ ih^]h \uiheg_gbx ghj <k_jhkkbckdh]h nbadmev-lmjgh kihjlb\gh]h dh ©=hlh\ d ljn h[hjhg_a =LH - \eZ^_lkh\jf_gg l_ogheh]byfb m b khojZg_gby ih^^_j`Zgby jZ[hlhkihkh[ghk</p>
--	--	--

		<p> ijhnbeZdlbdb aZ[he_\Zgbc k mq_[ghc ijhba\h^kl_ggh ^_yl_evghklvx - \eZ^_lv hkg kihkh[Zfb kZfh bg^b\b^mZevgu ihdZaZI_e_c mfk_ghc b nbab jZ[hIhkihkh[ghk ^bgZfbdb nba jZa\blby b nb dZq_kl\ - \eZ^_lv nbab mijZ`g_gbyfb nmgdpbhgZevgh gZijZ\e_gghklb bkihevah\Zgb_ j_`bf_ mq_[g ijhba\h^kl_ggh ^_yl_evghklb ijhnbeZdlbdb i_j_mlf_gby khozZg_gby jZ[hIhkihkh[ghk - \eZ^_lv l_ogk ijb_fZfb ^\b]ZI_evgufb ^_ckl\byfb [\b^h\ kihjIZ ijbf_g_gb_ b nbadmev-lmjgh ha^hjh\bl_evgh khj_\gh\ZI_evgh ^_yl_evghklb ^hkm]Z ijhn_kkbhgZev ijbdeZhc kn_j_ - bf_lv iheh`bl ^bgZfbdm \ hkgh\guo nba dZq_kl\ kbeu \ughkeb\hklb] </p>
--	--	--

		eh\dhklb
ID	ijh_^_gby f_jhijb	ijh\h^blv
f_jhijbylby	dhgkmevlbjh\Zgbx	bg^b\b^mZevgh
dhgkmevlbjh	ih`beh]h \khlZjZ	dhgkmevlbjh\Zg
ebp ih`b	bg\Zeb^h\ jZ	aZgylby \
\hajZklZ	dZI_j]hc k_f_c b ^_l]jZ`^Zg \ h
bg\Zeb^h\	qbke_ l^cbg\Zeb	bgnhjZpb-hggh
jZaebqguo]jZ`^Zg gZoh^ys	dhffmgbdZpbhg
dZI_]hjbc k	ljm^ghc `bag_gghc	l_ogh]bc \ lh
^l_c \ lqbl	kblmZpbb b beb \	^ey]jZ`^Zg
^l_cbg\Zeb	hiZkghf iheh`_gbb	h]jZgbq_ggufb
]jZ`^Zg	jZa\blby pb	\hafh`ghklyfb
gZoh^ysbok]jZfhlghklb	h[_ki_qb\Zlv ij
ljm^ghc `ba		bgnhjZpb-hggh
kblmZpbb b		ijhk_l_l_evkdb
khpZevgh		f_jhijbylbc
iheh`_gbb		gZijZ\e_gguo
h[eZklb jZ		jZa\blb_ pb
pbnjh\hc]jZfhlghklb]j;Z`
]jZfhlghklb		

1.2. J_dhf_g^rd h eb_q_kqZkh\ gZn_hkb_ ijh]jZffu
^bkpbiebg

-fZdkbfZevghc mq_[ghc gZ]jma d h 72mq Z k s_]hkhf
qbke_ \h \aZbfh^j_cihl^ZbZk72qZkhAZq_l b > AZq_l \h
k_f_klj_

- fZdkbfZevghc mq_[ghc gZ]jma d h 72mq Z k s_]hkhf
qbke_ \h \aZbfh^j_cihl^ZbZk12qZkhN hjfZ dhgljhey aZc
> AZq_l \h_f_klj_

KLJMDLMJ: B KH>?J@:GB? MQ?;GHC >BKPBI
H[t_f mq_[ghc ^bkpbiebgub \b^u mq_[ghc jZ[hlu

<b^ mq_[ghc jZ[hlu	H[t_f qZ HNH	H[t_f qZkh\ A
FZdkbfZevgZy mq_[gZy gZ]jma	72	72
H[yaZI_eyvZ\h \aZbfh^_ckl\ ij_ih^Z\ZI_e_f	72	
\ lhf qbke_ nhjf_ ijZdlbq_kdh		6
ijZdlbq_kdb_ aZgylby	72	6
KZfhklhyl_eyvZy jZ[hIZ	-	16
ljhf_`mlhqgZy Zll_klZjpb_y \ nh	AZq_l k > aZq_l k_f	AZq1k_f > aZq_2l k_f

2.2 L_fZl bq_kdbc ieZg b kh^_j`Zgb_ mq_Hg h c N b a b q _ d m e v l m j Z

<p>GZbf_gh\Z jZa^_eh\ b</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZg b arZpjb b h_jyl_e h[mqZxsboky</p>	<p>H[t_f qZkh\</p>	<p>Dh^ dhfi_l pbb</p>
<p>1</p>	<p>2</p>	<p>3</p>	
<p><_^g_b_ Nbabq_kd dmevlmjZ h[s_dmev lmjghc b ijhn_kkbh gZevghc ih^]h h\d_ ^_glh\ KIh</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZg b arZpjb b h_jyl_e nbabq_kdhc dmevlm muf_bg b_i_hjh Z h kgh\ u\Zlv agZq_ nbabq_kdhc dmevlmj u\Zg y b yn re jf b p j h k l b k k b h g Z e Z ijhnbeZdlbdb ijhnaZ[he_\Zgbc AgZgb_ ha^hjh\bl_evguo kbkl_f nbabq_kdh]h \h bgnhj fZpb_c h <k_jhkkbckdh-fk n b j a l d n g e v l d h j g i e _ d ©=h h\ m^l j n b h[hjhg_ a =LH</p>	<p>1</p>	<p>HD HD ID7</p>
<p>L_fZ E_]dZ Zle_lbdZ</p>	<p>Kh^_j`Zgb_ mq_fZg]bZeZ L_ogbdZ [_ahiZkghklb gZ aZgylbyo e_]dhc Zle e_]dhc Zle_lbdb Dhfie_dk h[s_jZa\b\Zxsbo mijZ Jhev n_kadh c dmevlm i j h j l Z \ ijhnbeZdlbd_ aZ[he mdj_ie_gbb a^hjh\vy _L k h j h k l Z g b \ u o d Z q _ k l \ Kh_jr_gkl\h\Zgb_ l_ogbdb kijbgl_jkdh]h [_]Z</p>	<p>10</p>	<p>HD2 HD ID</p>

Kh_jr_gkl\h\Zgb_l_ogbdb gbadh]h klZjIZ Nb	
Kh_jr_gkl\h\Zgb_l_ogbdb iju`dZ k^fe k gZn Q_eghqgu	
Kh_jr_gkl\h\Zgb_l_ogbdb f_lZgby]jZgZlu	
Djhkkh\Zy ih^]hIh\dZ	
Kh_jr_gkl\h\Zgb_l_ogbdb iju`dZ \ ^ebgm k jZa[_]Z	
JZa\bIb_ kdhjhklgulo dki h k h [g m k k dhj_gbyfb klZ	
jZaebqguo bkoh^guo iheh`_gbc	
Mq_[guc ghjfZ] f	
Kh_jr_gkl\h\Zgb_l_ogbdb f_lZgby]jZgZlu	
Djhkkh\Zy ih^]hIh\dZ	
Mq_[guc ghjfZ] iju`hd \ ^ebgm k jZa[_]Z	
JZa\bIb_ \ughkeb\fh kj b uc j Z \ g h d j m]h\Zy Ij_gbj h	
Mq_[guc ghjfZ] d j h k k f ^_ h m k r d b f x g	
JZa\bIb_ k e d k p r e k l \ g u o k i h k h [g h k l _ c i h ^ k d h d b	
hly]hs_gbyfb	
Mq_[guc ghjfZ] f_lZgb_]jZgZlu	
JZa\bIb_ d h h j ^ b g Z p b g h g l u c k q h k e g [h q g u c [_] i	
ij_iyIkl\bc	

	Mq_[guc ghjfZlb\ d]h_kmrdbf f xghrb		
L_fZ =bfgZklbd	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ	2	
	Kljh_\u_ mijZ`g_gby MijZ`g_gby \ i_j_kljh_gb JZ[hIZ gZ lj_gWkZjZdu k]bfgZklbq_kdbf bg_glZj		
L_fZ Fb nml[he	Kh^_j`Zgb_ mq_[g]h_e_ZZI_j	10	
	L_ogbdZ [_ahiZkghklb ijb b]j_ \ fbgb Dmfi[edf h[s_jZa\b\Zxsbo mijZ`g_gbc		HD
	H[f_g _s_kl\ b ij_\jZs_gde_wqZq]blb_kljbh\Zgb		HD
	JZa\bib_ dhhj^bgZpbb Bg^b\b^mZeVgZyZjZ[hI		ID
	Kh_jr_gkl\h\Zgb_ l_ogbdb _^_gby fyqZ		
	Kh_jr_gkl\h\Zgb_ i_j_^Zq fyqZ l_j_^Zqb gZ		
	JZa\bib_ kdkjlekuoghkiikh[ghkl_ckhijkddZedhc ^b`_gbb iju`dh\u_ mijZ`g_gby gZZh^ghc b ^\mo		
	Kh_jr_gkl\h\Zgb_ m^Zjh\ ih \hjhlZf B]jZ \jZI		
	JZa\bib_ \ughkeb\hklb ^\mklhjhggyy b]jZ		
	Kh_jr_gkl\h\Zgb_ b]jh\uo ^_ckl\bc		
	;_k] mkgbjyfb wkIZn_lu		
	Kh_jr_gkl\h\Zgb_ b]jh\uo ^_ckl\bc Mq_[gZy		
	M_[guc ghjfZlb\ q_dZgdZ fyqZ		

	Kh_jr_gkl\h\Zgb_m^Zjh\ ih \hjhlZf B]jZ \jZ		
	Mq_[guc ghjfZlb\ m^Zju ih \hjhlZf		
	Kh_jr_gkl\h\Zgbdb \fyqZgbMq_[gZy b]jZ		
	Mq_[guc ghjfZlb\ af_cdZ		
	Kh_jr_gkl\h\Zgb_i_j_^Zq fyqZ Mq_[gZy b]jZ		
	Mq_[guc ghjfZlb\ gZ_k \ aZ^Zggmx ahgm		
	Khj_gh\Zgby \gmljb]jmiiu		
	K^ZqZ dhgljhevguo ghjfZlb\h\ZgbnaZggpbjh		
L_fZ	Kh^_j`Zgb_mq_[gh]h fZI_jbZeZ	10	HD
;Zkd_I[he	L_ogZb[_ahiZkghklb gZ aZgylbyo ih [Zkd_I[hen [Zkd_I[he]fie_dk h[s_jZa\b\Zxsbo mijZ`g_gbc		HD
	Kljh_gb_ b jhkl dhkl_c =_g_lbdZj_i[hlgdZbZev L_klbjh\Zgb_f_ldhklb		
	Kh_jr_gkl\h\Zgb_l_ogbdb i_j_^\h`c`g`b`ch[kl`g`f`h ih\hjhl		
	Kh_jr_gkl\h\Zgb_ [jhkdh\ \ dhevph ba ih^ dh rljZnghc		
	JZa\bIb_ dhhj^bgZpbhgguo kihkh[ggthk]lh`fy`q`Z`I`Z jZaebqguo iheh`_gbc \ p_ev		

Kh_jr_gkl\h\Zgb_l_ogbdb ^_g_bgby mykqZhj_gby kgb`_gguf hlkdhdf	
JZa\b b_dhhj^bgZp b h[ggukd_c bg^b\jbZ^mZZe kgfZ `hg]ebjh\Zgb_	
Kh_jr_gkl\h\Zgb fyqZ_ ^ZZj_ _joggyZ ii jj^ZZ qZ h lkdhdf	
JZa\b b_kdhjhklguo k h_k h [ggk lfyqZ \ jZaguo k fZdkbfZevghc qZklhlhc	
Mq_ [gZy b]jZ	
Kh_jr_gkl\h\Zgb_bg^b\b^mZevguo ^_ckl\bc	
JZa\b b_kdhkjihklhg [ggchkl_c wklZn_glu_k fyqZ	
Kh_jr_gkl\h\Zgb_bg^b\b^mZ eavZgsuol_ ^_cukjlù bZg \u[b\Zgb_i_j_o\ZI gZdju\Zgb_	
Kh_jr_gkl\h\Zgb_i_j_^Zq fyqZ hl]jm^b hl i	
Kh_jr_gkl\h\Zgb_lZ d]jbm b hb j_ ^_ckl qb_ye dZ_ \ aZsbl_ b gZiZ^_gbb	
Mq_ [guc ghjfZlZ qbif yqZ hl kl_gu	
Kh_jr_gkl\h\Zgb_ [jhkdh\ \ dhevph rljZb-g h c dhev pZ	

	Mq_[guc ghjfZlb\ rljZnghc [jhkhd		
	19. Kh_jr_gkl\h\Zgb_l_ogbdb i_j_^Zq k_jom b k		
	Mq_[guc ghjfZlb\ fyqZ_gbbaf_g_gb_f gZijZ\e_		
	Khj_gh\Zgby \gmljb]jmiiu		
L_fZ	Kh^_j`Zgb_mq_[gh]h fZI_jbZeZ	10	
<he_c[he	L_ogbdZ [_ahiZkghklib gZeaZghyebyoljZ\beZ [h]e		
	Dhfie_dk h[s_jZa\b\Zxsbo mijZ`g_gbc		
	=b_q_kdb_lj_[h\Zgby d h^_`^_ijb aZgyIbyo		
	kihjIhf L_klbjh\Zgb_eh\dhkIb		
	JZa\bIb_dhhj^bgZpbhgguo kihkh[ghkl_c fyg^h		
	Kh_jr_gkl\h\Zgb_l_ogbdb i_j_^Zq k_jom b k		HD
	Kh_jr_gkl\h\Zgb_l_ogbdb ih^Zq fyqZ _jeagZ c		HD
	ebp_hc ebgbb		ID
	Mq_[gZy b]jZ		
	JZa\bIb_kdhkbkhuo kihkh[ghkl_c fyg^h		
	bkihevah\Zgb_f kdZdZedb b kdZfvb		
	Kh_jr_gkl\h\Zgb_l_ogbdb i_j_^Zq k_jom b k		
	JZa\bIb_ \ughkeb\hkIb djm]h\Zy Ij_gbjh\dZ k		

	Kh_jr_gkl\h\Zgb_l_ogbbdb]ju ihZ`zqlb_		
	JZa\bdb]hkh\guohk]ghkl_c wkIZn_lu k \he_c[he		
	Mq_[gZy b]jZ		
	JZa\bkbbeh\uo kihkh[ghkl_c mijZ`g_gby k gZ		
	Kh_jr_gkl\h\Zgb_l_ogbdb b]ju k\yamxs_]h b		
	Mq_[guc ghjfZib\ _jogy i_kh^ZqZ fyqZ gZ^		
	Mq_[gZy b]jZ		
	Mq_[guc ghjfZib\ i_j_^Zqb fyqZ \ kl_gm		
	Kh_jr_gkl\h\Zgb_l_ogbdb ih^Zq fyqZ _jog_eaiZy		
	ebp_hc ebgb		
	Mq_[guc ghjfZib\ ih^ZqZ fyqZ		
	Khj_gh\Zgby \gmljb]jmiiu		
L_fZ H[s	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ	10	
nbabq_kd	JZagh\b^ghklb oh^v[u pbZeyZ]h hui_ b ki_p		HD
ih^]h\dZ	iju`dh\u_ mijZ`g_gby HJM MijZ`g_gby gZ		HD
	kihkh[ghkl_c B]ju ih \u[hjm h[mqZxsboky		ID
	JZagh\b^ghoh^v[u[_pZ Ki_pZeyZ]h hui_ b ki_p		
	iju`dh\u_ mijZ`g_gby HJM MijZ`g_lgby kgZ		
	kihkh[ghkl_c [_a hly]hs_gbc b k hly]hs_gby		

	ih^\b`gu_ b]ju		
	10 MijZ`g_gby dhhj^bgZpbhgghc gZijZ\e_gghklb ih^\b`gu_ b]ju		
	MijZ`g_gby kbeh\hc gZijZ\e_gghklb Kùhjb]gu		
	Dhfiè_dku mijZ`g_gbc gZ jZa\b1b_ nbabq_kdb ih^\b`gu_ b]ju		
	Dhfiè_dku gmijZ`c jZaebqghc gZijZ\e_gghklb W Kihjlb\gu_ b ih^\b`gu_ b]ju		
	HJM ki_p]Z]h\gh b ki_p]Z`èd\gu_ mijZ`g_gby MijZ`g_gby k ij_^f_lZfb b [_a ij_l^f_g]h Mq_g[u_h b] \u[hjm		
L_fZ	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ	8	
Kmsgghklv b kh^_j`Zgb_ ijhn_kkbhgZ hagZqbfuo nbabq_kdb dZq_kl\ \ ^hklb`_gbb ijhn_kkbhgZ uo j_amevl	Dhfiè_dku mijZ`g_gbc bgZdjZj^bgZpbb Dhfiè_dk gZ jZa\b1b_ kbeh\uo dZq_kl\ Dhfiè_dku mijZ`g_g kbeh\uo dZq_kl\ Kihjlb\gu_ b ih^\b`gu_ b]ju ih \u[hj Ki_p]Z`èd\gu_ mijZ`g_gby Kiiup`dZevghmijZ`ggy MijZ`g_gby gZ jZa\b1b_ ijhn_kkbhgZevgh agZqbf ljbzfu b kihkh[u hdZaZgby ^h\jZq_[ghZoi Kfih\$bb\g ih^\b`gu_ b]ju ih \u[hjm h[mqZxsboky Dhfiè_dku ijhba\h^kl_gghc]bfgZklbdb MijZ`g_		HD HD ID

	gZ\u dhjZ\bevghc hkZgdb MijZ`g_gby Z^Zilb\ghc gZjmr_gbb hkZgdb Kihjlb\gu_ b ih^\b`gu_ b]ju		
	Dhfie_dku g_mig Z`c jZaebqghc gZijZ\e_gghklb Ki ih^\b`gu_ b]ju ih \u[hjm h[mqZxsboky		
	ljbzfu kZfhfZkkZ`Z b lhq_qghZhgZgkkyZ`gZ dhijj_ c l_ehkeh`_gby		
	ljbzfu Zmlhlj_gbg]Z ljbzfu kZfhj_]meypbb Kih b]ju ih \u[hjm h[mqZxsboky		
	MijZ`g_gby ^ey ijhnbeZdlbdb b dhjj_dpbb gZjm ^\b]ZI_evgh]h ZiiZjZIZ aj_gby b hkgh\gkulo_fnmBg]d ih \u[hjm h[mqZxsboky		
L_fZ	Kh^_j`Zggbq_[gh]h fZI_jbZeZ	2	
Kmsgghklv	Dhfie_dk ijhba\h^kl_gghc]bfgZklbdb ljbzfu f Kihjlb\gu_ b ih^\b`gu_ b]ju h[mqZxsboky		HD
kh^_j`Zgb	Dhfie_dk mijZ`g_gbc ^uoZI_evghc]bfgZklbdb dhjj_dpbx gZjmr_gby bh]Zhgghy h ZiiZjZIZ aj_gby b nmgdpbhgZevguo kbkl_f		HD
IINI \	Kj_^kl\Z b f_lh^u nbabq_kdh]h \hkibIZgby ^ey ijhn_kkbevggZuo aZ[he_\Zgbc		
^hklb`_gb	K^ZqZ dhgljhevguo ghjfZlb\h\ >bnn_j_gpbjh\Zg	2	
ijhn_kkbhg	<k_]h	72	
uo j_amevl	aZq_l> a		

L_fZlbg_ileZhgcb kh^_j`Zgb_ mq_[ghc ^bkp Nleabqg_ kdmZeylmjZ ANH

<p>GZbf_gh\Z jZa^_eh\ b</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ h[mqZxsboky</p>	<p>H[t_f qZkh\</p>	<p>Dh^ dhfi_l_ pbb</p>
<p>1</p>	<p>2</p>	<p>3</p>	
<p><_^_gb_ Nbabq_kdZ dmevlmjZ \ h[s_dmev lmjgh b ijhn_kkbh gZevghc ih^]hlh\d_ ^_glh\ KIH</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ nbabq_kdhc dmevlmj b kihjlZ Mf_gb_ h[hkgh\u\Zlv nbabq_kdhc dmevlmj ^ey nhjfbjh\Zgby ebqghk ijhnbeZdlbdb ijhnaZ[he_\Zgb AgZgb_ ha^hjh\bl_evguo kbkl_f nbabq_kdh]h \ bgnhjZpb_c h <k_jhkkbckdh-fkntbja blng ev l dh_glk_ ©=hlh\ d ljm^m b h[hjhg_ a =LH</p>	<p>1</p>	<p>HD HD ID</p>
<p>L_fZ E_]dZ Zle_lbdZ</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ L_ogbdZ [h_klbiZgZg aZgylbyo e_]dhc Zle_lbdhc e_]dhc Zle_lbdb Dhfie_dk h[s_jZa\b\Zxsbo mijZ Jhnbabq_kdhc dmevlmj b kihjlZ \ ijhnbeZdlk mdj_ie_gbb a^hjh\vy L_kljbjhk Zgb_u k ddhZlk_lgh</p>	<p>1</p>	<p>HD HD ID</p>

	Kh_jr_gkl\h\Zgb_l_ogbdb kijbgl_jkdh]h [_]Z		
	Kh_jr_gkl\h\Zgb_l_ogbdb gbadh]h klZjIZ Nb		
	Kh_jr_gkl\h\Zgb_l_ogbdb iju`dZ \ ^ebgm k f_klZ		
	Kh_jr_gkl\h\Zgb_l_ogbdb f_lZgby fyqZ \ p_e		
	H[mq_gogbdb f_lZgby]jZgZlu	2	
	Djhkkh\Zy ih^]hlh\dZ		
	Kh_jr_gkl\h\Zgb_ iju`dZ \ ^ebgm k jZa[_]Z		
	JZa\bIb_ kdhjhkhggbkk_c [_] k mkdhj_gbyfb jZaebqguo bkoh^guo iheh`_gbc		
	Mq_guc ghjfZib\ [_] f	2	
	Kh_jrl\gkZgb_ f_lZgby]jZgZlu		
L_fZ	Kh^_j`Zgb_mq_gh]h fZI_jbZeZ	2	
=bfgZklbd	Kljh_u_mijZ`g_gby MijZ`g_gbyHVM_k_kljh]hgb JZ[hIZ gZ lj_gZ`zjZo WklZn_lu k]bfgZklbq_kdb		HD HD
L_fZ Fb	Kh^_j`Zgbmq_gh]h fZI_jbZeZ	1	
nml[he	L_ogbdZ [_ahiZkghklb ijb b]j_ \ fbgb Dmfl[edl h[s_jZa\b\Zxsbo mijZ`g_gbc		HD HD
	2. H[f_g _s_kl\ b ij_ljZs_gb_wg_j]bb \ de_ldZo		ID
	JZa\bIb_ dhhj^bgZpbevgZg^jZpMzZk fyqhf Q_		

	Kh_jr_gkl\h\Zgb_l_ogbdb_^_gby fyqZ		
	Kh_jr_gkl\h\Zgb_i_j_^Zq fyqZ l_j_b^ZgbbgZ		
	JZa\bib_kelk\h\gub kihkh[ghkl_c iju`db kh kc ^\b`_gbb iju`dh\u_myijZgh^ghc b ^\mo gh]Zo		
	Kh_jr_gkl\h\Zgb_m^Zjh\ ih \hjhIZf B]jZ \jZl		
	JZa\bib_ \ughkeb\hklb ^\mklhjhggyy b]jZ		
	Kh_jr_gkl\h\Zgb_b]jh\uo ^_ckl\bc	1	
	;_] k mkdhj_gbyfb wkIZn_lu		
L_fZ	Kh^_j`Zgb_mq_ [g]b]heZZI_	2	HD
;Zkd_I[he	L_ogbdZ [_ahiZkghklb gZ aZgyIbyo ih [Zkd_I[[Zkd_I[Defie_dk h[s_jZa\b\Zxsbo mijZ`g_gbc		HD ID
	Kljhg b_ b jhkl dhkl_c =_g_lbdZ ihl_gpbZevgu L_klbjh\Zgb_f_ldhklb		
	\k_]h	12	

3. MKEH<BY J?:EBA:J:BBQ?GJH=J:FFU

3.1. FZI_jbZe-Mgbgbq_kdh_ h[_ki_q_gb_

>eyj_ZebaZpbb[ihq_ich]jZffu mq_[ghc ^bkplb07gu

Nbabq_kdZnyevlmijZ^mkfhlj_gZebqb_ \ ijhn_krkdbhgZ

h[jZah\ZI_evghc hjkZhgjbaZghjZ

L_ogbq_kdb_ kj_^kl\Z h[mq_gby

-dhfivxl_j k ebp_gabhgguf ijh]jZffguf h[_ki_q_gb_

-fgh]hnmgdpbhgZevguc ijbgl_j

-fmaudZevguc p_glj

H[hjm^h\Zgbb_g_glZjv kihjlb\g:h]h aZeZ

-]bfgZklbq_kdb_ fZlu

-]bfgZklbq_kdb_ kdZf_cdb

-\hjhlZ nml[hevgu_

-k_ldZe_c[hevgZy

-[Zkd_l[hevgu_ sblu

-fyqb

-]jZgZlu ^ey f_lZgby

-dhgmku

-kdZdZedb

-h[jmqbf_gZklbq_kdb_

-klheu l_ggbkgu_

BgnhjZpbhgg_h[_kiqqggyb_ h

>ey j_ZebaZpbb ijh]jZffu [b[ebhl_qguc nhg^ h[jZah

hj]ZgbaZpbb_bqZ_lgui_ bjhwgeg_uhl[jZah\ZI_evgu_ b

bgnhjZpbhgg_u_j_kmjku ^ey bkihevah\Zgby \ h[jZah

l_j_q_gv bkihevam_fuo mq_[guo ba^Z_gkmcjkh\Bg

^hihegbl_evghc ebl_jZlmju

3.2.1.Hkgh\gu_ bklhqgbdb

1. ;Zjhg_gdh < : JZihihjl E : A^qjkdVZy bdmreba
klm^_glZ mq_[gh_ ihkh[b_ ^ey klm^_glh_-kjba^ ij
i_j_jZfF :ev-rFZ BGN-F: ± k

2. <be_gkdbc Nbyabq_kdZy dmevlmjZ mq_[gbd
: = =hjr d^h F hkd\ZghJmk ^ k^ ISBN 978-5-406-098677.

^ URL: https://book.ru/book/943895^ZIZ h[jZs_gby ^ L_dkl
we_dljhggu c

3. Dmag_ph\ < K Nbabq_kdZyd dmevlmjZmanq_p[hg
Dheh^gbp^d F bkd\ZghJmk ^ k^ ISBN 978-5-406-082713.

^ URL: https://book.ru/book/940094^ZIZ h[jZs_gby ^ L_dkl
we_dljhggu c

J_r_lgbdh\ G < Dbkebpug X E Nbabq_kdZy
ihkh[b_ ^ey^_glh\ kj_^gbo ijhn_kkbhgZevgFo az
:dZ^_fby ± k

J_r_lgbdh\ GebpugDbK E IZelb_\bq J E Ih]Z
Nbabq_kdZy dmevlmjZ mq_[gh_ ihkh[b_ ^ey
ijhn_kkbhgZevguo aZ_^:dgZ^_fby±176 k

3.2.2.>hihegbl_evgu_ bklhqgbdb

;brZ:\Z Nbabq_kdZy dmevlmjZ Mq_[gbd^^eybklm
kj_^g_]h ijhn_kkbhgZevgh]h fh[jZba^Zg_beykdbc p
©:dZ^_fby8

1. Dbkebpug X E J_r_lgbdh\ G < Ih]Z^Z_\ = B M
Mq_[gbd ^ey klm^_glh\ mqj_`^_gbc kj_^g_]h ijhn
h[jZah\Z-gfby Ba^ZI_evkdbcZp^_gbjy©8.d

Nbabq_kdZy dmevlmjZ >We_dljhggu c j_kmjka@
kj_^g_]h ijhn_kkbhgZevgh]h h[jZah\Zgby ?

j_^ ? < Dhg^2_2\h d a^ i_j_jZ[2 B ^XjZcl ^
k±J_`bf ^hklmiZ k-wmsru ELEO

3.2.3. Bgl_jg-j_lkmjku

1. ZZZ PLQVWP JRY UX HnbpbZevguc kZcl Fbgbk
Jhkkbckdhc N_^_jZpbb
2. ZZZ HGX UX N_^_jZevguc kZcl Fbgbk
Jhkkbckdhc N_^_jZpbb
3. ZZZ RO\PSLF UX HnbpbZevguc kZcl Hebfibckdhc
N_^_jZpbb
4. www.goup32441.narG UX kZcl f_Mh^_jg_hkdb_ ihkh[by
©H[s_\hckdh\Zy-ichZ^_hGZklZ\e_gb_ ih nbabq_kdh
ih^]hIh\d_ \ <hhjm`_gguo KbeZo Jhkkbckdhc N_^_jZpbb
2009).

4. DHGLJHEV B HP?GD: J?AM EWL:HLHG BY
 MQ?;GHCBKPBIEBGU

<p>Kh^_j`Zgb_ h[r</p>	<p>OZjZdl_jbZlthkgh\guo \b^h\ m ^_yl_evghklb klm^_glh\ gZ mjh\g_ mq_[guo ^_ckl</p>
<p>L_hj_lbq_kdZy qZklv</p>	
<p><_^_gb_ Nbab dmevlmjZ \ h[s_dmevlmjgh ijhn_kk bhgZevgh ih^]hlh\d_ klm KIH</p>	<p>AgZgb_ kh\j_f_ggh]h khklhygby dmevlmju b kihjIzh[Mkfg\Zlv ag nbabq_kdhc dmevlmju ^ey nhjfbj ijhn_kkbhgZeZ ijhnbeZdlbdb ijh AgZgb_ ha^hjh\bl_evguo kbkl_f \hkibIZgby <eZ^_gb_ bgnhjZpb <k_jhkkbckdhf nba d ihj Md mgjgfh dhfie_dk_ ©=hlh\ dhlijmg^m b= lH</p>
<p>Hkgh\u f_lh^ kZfhklhyl_evgu aZgylbc nbabq mijZ`g_gbyfb</p>	<p>>_fhgkljZpby fhIb\Zpbb b klj_fe_ kZfhklhyl_evgu f aZgylbyf AgZgrbhjf b kh^_j`Zgby nbabq_kd Mf_gb_ hj]Zgbah\u\Zlv aZgylby r mijZ`g_gbyfb gZaeoZijZ\ev_gghklb bkihevah\Zgb_f agZgbc hkh[_ggh kZfhklhyl_evguo aZgylbc ^ey xgh AgZgb_ hkgh\guo ijbgpbih\ ihklj kZfhklhyl_ evgu aZgylbc b bo]b]b_gu</p>
<p>KZfhdhgljhe hkgh\gu_ f_lh^ ihdZaZI_eb b d hp_gdb</p>	<p>KZfhklhyghevkihevah\Zgb_ b hp ihdZaZI_e_c nmgdpbhgZevguo ij l_klh\ ^ey hp_gdb nbabq_kdh]h j l_ehkeh`_gby nmgdpbhgZevgh]h</p>

	<p>h]ZgbafZ nbabq_kdhc ih^]hlh\e_
 <g_k_gb_ dhjj_dpbc \ kh^_j`Zgb_
 nbabq_kdbfb mijZbg_kghbjy h b ih
 j_amevlZIZf ihdZaZI_e_c dhgljhe</p>
<p>3.
 lkbohnbabheh]
 hkgh\u mq_[gh
 ijhba\h^kl_ggh
 ljm^Z Kj_^kl\Z
 nbabq_kdhc dm
 j_]me bZlgbb
 jZ[h]hkihkh[gh</p>	<p>AgZgb_ lj_[h\Zgbc dhlhju_ ij_^t
 ijhn_kkbhgZevgZy ^_yl_evghklv
 ikbohnbabheh]bq_kdbf \hafh`ghk
 nbabq_kdhc ih^]hlh\e_gghklb
 Bkihevah\Zgb_ agZgbc ^bgZfbdb
 \ mq_[ghf]h^m bw'd a_ZjfbhgZpbhggh
 Mf_gb_ hij_^_eylv hkgh\gu_-djbl
 wfhpbhgZevgh]h ikbob q_nkcb]q_ k
 mlhfe_gby
 H\ez^_gb_ f_lh^Zfb ih\ur_gby wr
 ijhba\h^kl_ggh]h b mq_[gh]h ljm
 ijbf_g_gby Zmlhlj_gbg]Z ^ey ih\u
 jZ[h]hkihkh[ghklb</p>
<p>Nbabq_kdZy
 \ ijhn_kkbhgZe
 ^_yl_evghklb
 ki_pbZebklZ</p>	<p>H[hkgh\Zgb_ khv bZg hfb q_kdhc
 g_h[oh^bfhklb ki_pbZevghc Z^Zi
 ikbohnbabq_kdhc ih^]hlh\db d ljr
 bkihevah\Zlv ha^hjh\bl_evgu_ b
 f_lh^ubabq_kdh]h \hkiblZgby ijb
 jZaebqgufb \b^Zfb ^\b]ZI_evghc
 ljbfg_gb_ kj_^kl^hb f_blabq_kdh]
 \hkiblZgby ^ey ijhnbeZdlbdb ijhn
 aZ[he_\Zgbc
 Mf_gb_ bkihevah\Zlv gZ ijZdlbd
 dhfivxl_jgh]h l_kljbh\Zgbg^kljkl\h
 ^\b]ZI_evguo dZq_kl\ ikbohnbab</p>

	<p>nmgdpbc d dhlhjuf ijhn_kkby ki ij_↑y\ey_l ih\ur_ggu_ lj_[h\Zgby</p>
<p>ljZdlbq_kdZy qZklv</p>	
<p>Mq_[-g_hlh^bq_k aZgylby</p>	<p>>_fhgkljZpby mklZgh\db gZ ikbo nbabq_kdh_ a^hjh\v_ Hk\h_gb_^h\lhjhnbZdlbdb ijhn_k aZ[he_\Zgbc H\ez^_gb_ ijb_fZfb fZkkZ`Z b kZ ikbohj_]m estbjfb xmijZ`g_gbyfb Bkihevah\Zgb_l_klh\ iha\heyxs kZfhklhyl_evgh hij_^_eylv b ZgZ khklhygb_ a^hjh\v_y h\ez^_gb_ h ijb_fZfb g_hle^h^ghjZq_[ghc ihfhs AgZgb_ b ijb_f_g_gb_ f_lh^bdb Zc fZkkZ`Z b kZfhfZkkZ`Z h_jfbnbabq mfkl_gghf mlhfe_gbb Hk\h_gb_ aZgylbc nbabq_kdbfb mijZ`g_gby ijhnbeZdlbdb b dhjj_dpbb gZjmr_ ^b]Zl_evgh]h ZiiZjZbZ hlg h g nmgdpbhgZevguo kbkl_f AgZgb_ a^hjh\v_k[_j_]Zxsbo l_ogheh]bc dhfivx_ljh_f Mf_gb_ khklZ\eylv b ijh\h^blv dh mlj_gg_c \h^ghc b ijhba\h^kl\ k mq_lhf gZijZ\e_gby [m^ms_c ij ^_yl_evghklb</p>
<p>Mq_[-g_h_gbjh\hqqgu_ aZgylby</p>	

<p>E_]dZy Zle_ Djhkkh\Zy ih^]</p>	<p>Hk\h_gb_ l_ogbdb [_]h\gubc mdjjZ`k [_]Z [_]Z gZ dhjhldb_ kj_^gb_ ^bklZgpbb \ukhdh]h b gbadh]h jZa]hgZ nbgbrrbjh\Zgby [_]guc [_] • f • f [_]Z ih ijyfhc kdhjhklvx jZ\ghf_jgh]h [_]Z gZ ^ f ^_\mrdb b f xghrb Mf_gb_ l_ogbq_kdb]jZfhlgh \uih l_ogbdm iju`db \ ^ebgm k jZa[_ ©kh]gm\ gh]b^a iju`db \ \Zkhlm k ©ijh]gm\rbkv^a i_j_rZ]b\Zgby ©g i_j_db^ghc F_lZgb_]jZgZlu _khf] ^_\m xghrb lhedZgb_ y^jZ k^ZqZ d ghjfZlb\h\</p>
<p>=bfgZklbdZ</p>	<p>Hk\h_gb_ l_ogbdb h[s_jZa\b\Zxs mijZ`g_gbc \ iZj_ k iZjlg_jgbcnk]Zgl_eyfb gZ[b\gufb fyqZfb mij fyqhf h[jmq_f ^_\mrdb \uiheg ^eyjhnbeZdlbdb ijhn_kkbhgZevgu mijZ`g_gbc \ q_j_^h\Zgbb gZijy` jZkkeZ[e_gb_f mijZ`g_gbc ^ey d gZjmr_gbc hkZgdb mijZ`g_gbc g b mihjh\ mijZ`g_gbc m]bfgZklbc mijZ`g_gbc ^ey dhjj_dpbb aj_gby <uihegb_g dhfie_dkh\ mijZ`g_gbc ijhba\h^kl_gghc]bfgZklbdb</p>

<p>Kihjlb\gu_ b</p>	<p>Hk\h_gb_ hkgh\guo b]jh\uo we_f AgZgb_ ijZ\be khj_\ghj\Zggghfrmh b b]jh\hfm \b^m kihjIZ JZa\bIb_ dhhj^bgZpbhgguo kihkh kh_jr_gkl\h\Zgb_ hjb_gllZpbl_i kdhjhklb j_Zdpbb ^bnn_j_gpbjh\ ijhkljZgkl_gguo \j_f_ggu o b kb iZjZf_ljh\ ^\b`_gby JZa\bIb_ ebqghfrhggbZIb\guo dZ Kh\jr_gkl\h\Zgb_ \hkijbylby \gbf \hh[jZ`_gby kh]eZkh\Zggghklb]jr \azbfh^_ckl\bjh]hukjlbgylby j_r_gk JZa\bIb_ \he_\uo dZq_kl\ bgbpb kZfhklhyl_evghklb Mf_gb_ \uihegylv l_ogbdm b]jh\u hp_gdm MqZklb_ \ghhZ_gbyo ih ba[jZggghfr kihjIZ Hk\h_gb_ l_ogbdb kZfhdhgljhey mf_gb_ hdZau\Zlhfih_svmixb ljZ\fZc b]jh\hc kblmZpbb</p>
<p><b^u kihjIZ ih</p>	<p>Mf_gb_ khklZ\eylv b \uihegylv b ih^h[jZgggu_ dhfihabpbb ba mijZ` \uihegyu_d k jZaghc Zfieblm^hc l jblfhf l_fihf ijhkljZgkl_gghc lh KhklZ\e_gb_ hbk\b_ihgobg_gb_ \]jm dhfie_dkZ mijZ`g_2gbc^bla`_gbc</p>
<p>Jblfbq_kdZy]bfgZklbdZ</p>	<p>AgZgb_ kj_^kl\ b f_lh^h\ lj_gbjh\ kbeu hkgh\guo]gguo]jmii k wkiZg^</p>

	Mf_gb_ hkms_kl\eylv dhgljhev az a^hjh\vy \ ^bgZfbd_ mf_gb_ hc f_^bpbgkdmx ihfhsv ijb ljZ\fZo Kh[ex^_gb_ l_ogbdblp_ahiZkghk
--	---

:>:IL:PB Y J:;HQ?C IJH=J:FFU IJB H;MQ?G B B E B
H=J:GBQ?GGUFB <HAFH@YFBKA>HJH<VY

:^ZilZpby jZ[hq_c ijh]jZffu HkpbieNBQA BQ?KD:Y
DMEVLMJi:jh\h^bkiyb j_ZebaZpbb Z^Zilb\ghc h[jZa
ijh]jZffu± ijh]jZffu i]h\h\db ki_pbZebklh\ kj_^g_]h

KhpbZevgZy\jZ[hq_c ijh]jZffu h[_ki_q_gb]Zei]Z hZ b g a b p
h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy gZ ihemq_gb
h[jZah\Zgby kha^Zgby g_h[oh^bfuo ^ey ihe
ijhn_kkbhgZevgZy\jZ[hq_c ijh]jZffu h[_ki_q_gb]Zei]Z hZ b g a b p
h[mqZxsbfky bg\Zeb^Zfb b ebpZffb kha]hZgbq_gby
a^hjh\vy j_amevlZih\ nhjfbjh\Zgby ijZdlbq_kdh]h hiu

H[hjm^h\Zg_Z]bg_IZ ^_ehijhba\h^kl\Z b j_`bfZ k_
^ey h[mqZxsboky kbjZa^Zfb]h]jZgbq_gby a^hjh\vy

HkgZs_gb_ dZ[bg_IZ ^_ehijhba\h^kl\Z b j_`b
^he`gh\h]Zlv hkh[uf h[jZah\Zl_evguf ihlj_[ghklyf
bg\Zeb^h\ b ebp k h]jZgbq_ggufb \hafh`ghklyfb a
^he`gu [ulv hkgZs_gu h[hjm^h\Zg_Z]bg_IZ ^_ehijhba\h^kl\Z b j_`b
l_ogbq_kdbfb kj_^kl\Zfb h[mq_gby ^ey h[mqZxsb
\b^Zfb h]jZgbq_gby a^hjh\vy

DZ[bg_\ dhlhjhf h[mqZxlky ebpZ k gZjmr_gb_f ke
h[hjm^h\Zg jZ^bhdeZkkhf dhfivxl_jghc l_ogbdhc
\b^_hl_ogbdhchgwbcd]hkdhc fmevlbf_^bcghc kbkl_fh

>ey keZ[h\b^ysbo h[mqZxlky_ ^mkfZlj\Zxlky
ijhkfhlj m^Ze_gguo h[t_dlh\ ijb ihfhsb \b^_hm\
m^Ze_ggh]h ijhkfhljZ Bkihevah\Zgb_ ;jZce_\kd
l_ogbdb we_dljhgguo emi \bi]h]Z^fg]h]h ^hklmiZ
bgnhjfZpbb l_ogbq_kdbb -kj_j^kZq]jbm]Z[g]h]c bgnhjfZ
^hkliguo nhjfZo

>ey h[mqZxsboky k gZjmr_^g_b]Zl_hi]h]h ZiiZjZ

dZ[bg_l ^he`_g [ulv h[hjm^h\Zg i_j_^`b`gufb j_]meb
bklhqgbdhf iblZgby

<ur_mdZaZggh_ hkgZs_gb_ mkIZgZ\eb\Z_lky \ c
h[mqZxsboky ih Z^Zilbjh\Zgguo d h]jZgbq_gbyf a^hjh\vy m h[mqZxs_]hky

BgnhjZpbhggh_ b f_lh^bq_kdh_ h[_ki_q_gb_ h[r
>hkmi d bgnhjZpbhggh_b[ebh]jZnbq_kdbf j_kr
mdZaZgguf \ i jZ[hq_c ijh]jZffu ^he`_g j[fZl ij_^
Z^Zilbjh\Zgguo d h]jZgbq_gbyf a^hjh\vy h[mqZxsbo
h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy

>ey ebp k gZjmr_gbyfb aj_gby\bq_Z f_g__ h^gh]h
- \ i_qZlghc nhjf_ m_ebq_gguf rjbnlf

- \ nhjf_ we_dljhggh]h ^hdmf_glZ
- \ nhjf_ Zm^bhnZceZ
- \ i_qZlghc nhjf_ gZ yaud_ ;jZcey

>ey ebp k gZjmr_gbyfb kemoZ
- \ i_qZlghc nhjf_
- \ nhjf_ we_dljhggh]h ^hdmf_glZ

>ey ebp k gZjmr_gb-y^f\bZl h i e j g g h]h ZiiZjZlZ g_
^mo \b^h\

- \ i_qZlghc nhjf_
- \ nhjf_ we_dljhggh]h ^hdmf_glZ
- \ nhjf_ Zm^bhnZceZ

>ey ebp k -gkl\bq_kdbfb gZjmr_gbyfb jZkk
Zmlbq_kdh]h ki_dljZ gZjmr_gb_ ikbobq_kdh]h jZa\b
- bkihevah\Zgb_ lexkljZpbbyeb
- fmevlbf_^bcgu_ fZl_jbZeu

<h \j_fy kZfhklhyl_evghc ih^]hlh\db h[mqZxsbo
ebpZ k h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy ^he`g
^hkmihf d k_lb Bgl_jg_l

Nhjfub f_lh^u dhgljhey b hp_gdb j_amevlZlh\ h
MdZaZgg i ijh]jZffu nhjfub f_lh^u dhgljhey i
mq_lhf h]jZgbq_gby a^hjh\vy_h[mqZxs]h Pd hglj
y\ey_lky k\h_\j_f_ggh_ \uy\e_gb_ aZljm^g_gbc
h[mqZxs_]hky k h]jZgbq_ggufb \hafh`ghklyfb a^h
dhjj_dlb\hmq_[gmx ^_yl_evghklv
NhjfZ ijhf_`mlhqghc Zll_klZpbb mkIZgZ\eb\Z
bg^b\b^mZevghumbakbo_kdbo hkh[_gghkl_c h[mqZxsbc
b ebp k h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy ml
[mfZ]_ ibkvf_ggh gZ dhfivxl]hjh\Zgbjfb ll_k
ljb ijh_^_gbb ijhf_`mlhqghc Zll_klZpbb h
ij_^hkIZ\ey_lky \j^hlgZdim d hl_lm m_ebq_ggh_ g
ljb jZaZ mkIZgh\e_ggh]h ^ey ih^]hIh\db d hl_lm
bf_xsbf h]jZgbq_gbc \ khklhygbb a^hjh\vy

