

©ML<?J@>: X a  
Až \_kl bl \_ev ^bj \_dl hj Z  
i h mŕ [ gh f \_l h^bq\_kdhc  
j ž hl \_  
\_\_\_\_\_ > : F žž ž h\ Z  
©BBB<sup>a</sup> B \_\_\_\_\_ 2023 ]

J: ; HQ: Y I JH=J: F F :  
HI Hkgh\ u ^hdmf \_gl h\ \_^\_gby b ^\_ehi j hba\ h^kl \ Z\ khpbZevghc j ž hl \_

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ki\_pbZevghklb kj\_^g\_]h ijhn\_kkbhgZevgh]h h[  
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KH>?J@:GB?

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2 KLJMDLMJ: B KH>?J@:GB? MQ?;GHC >BKPB

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\oh^bl \ ijhn\_kkbhgZevguc pbde k h b k p b k e b g b k N=H  
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1.2 P\_ebieZgbjm\_fu\_ j\_amevIZI\ubm p b i e g h c u  
P\_eb ^bkpbiebg u

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khp bZevgh]h khijh\h`^\_gby \ kh[hI\Z\_gby] b b dk H]g\_lgh  
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EJ Hij\_^\_eyxsbckhpbZevgh]h h[kem`b\Zgby b \b^u k  
\ aZ\bkbfhklb hl gm`^Z\_fhklb jjZ`^Zg



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 \ khpbZevghc jZ[hI\_

GZbf_gh\ jZa^_eh\ l_f	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ kZfhklhyl_evgy jZ[hIZ h[mqZxsboky	H[t_f qZkh	Dh^u dhfi_l_g c
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L_fZ Kbkl_fZ ^_ehijhba kl\Z \ khpBZevg jZ[hI_	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ 1 P_eb ijbgpbiu b hkgh\u hj]ZgbaZpbb khpbZevg ihemqZI_khpbZevguo mkem] b jZaebqgufb khpbZ ij_^klZ\e_gby bgl_j_kh\ ihemqZI_e_c khpbZevg khpBZevguo ijh[e_f	2	HD. HD,HD ID ID ID .EJ EJ
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L_fZ	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ	2	

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<p>JZkihjy^b vgu_ ^hdmf_glh</p>	<p>1</p>	<p>OZjZdl_jbklbdZ ^hdmf_glh\ ba^Z\Z_fuo \ mkeh\k mijZ\e_gq_kdbo j_r_gbc ihklZgh\e_gby j_r ^hdmf_glh\ ba^Z\Z_fuo \ ^mkeh\k ijbdZau jZkihjy`_gby mdZaZgby</p>		<p>HD HD ID ID ID ID EJ EJ</p>
<p>L_fZ3</p>	<p>2</p>	<p>ljZdlbq_kdh_ aZgylljZ_dlbdfm ih khklZ\e_gbx jZk ^hdmf_glh\ \ mqj_`^_gbb khpbZevgh]h h[kem`b\Z</p>	<p>2</p>	
<p>KijZ\hqgh bgnhjfZpb gu_ ^hdmf_glh</p>	<p>1</p>	<p>H[sZy oZjZdl_jbklbdZ bg khjjZ Zpbgguo ^hdmf_glh\ k ^hdeZ^gu_ h[tykgbl_evgu_ kem`_[gu_ aZibkd ^_eh\h_ ibkvfh</p>		<p>HD HD ID ID ID ID EJ EJ</p>
<p>L_fZ4</p>	<p>2</p>	<p>ljZdlbq_kdh_ aZgylljZ_dlbdfm khklZ\e_gbx kijZ\hqgh bgnhjfZpbhgguo ^hdmf_glh\ \ mqj_`^_gbb khpbZev</p>	<p>2</p>	
<p>&gt;hdmf_glh hjhl hj]ZgbaZp</p>	<p>1</p>	<p>Hkh[_gghklb jZ[hlu k dhgnb^_gpbZevgufb ^ hlgkysb_ky d dhgnb^_gpbZevghc bgnhjfZpb kh^_j`Zsbo dhff_jq_kdmx lZcgm i_jkhgZevgu khpbZevguo mkem]</p>	<p>2</p>	<p>HD HD EJ EJ</p>
<p>L_fZ JZ[hIZ k dhgnb^_g</p>		<p>Hkh[_gghklb jZ[hlu k dhgnb^_gpbZevgufb ^hdmf_g hlgkysb_ky d dhgnb^_gpbZevghc bgnhjfZpbb aZs dhff_jq_kdmx lZcgm i_jkhgZevgu_ ^Zgguu_oimkrmqZ</p>	<p>2</p>	<p>HD HD HD ID</p>

evgufb ^hdmf_glh ijb hdZaZ khp bZevg mkem]			ID EJ EJ
	ljZdlbq_kdh_ aZgyKb_fb_gZjjZdlb dmf ©Lj_[h\Zgby d dhgnb^_gpbZevghklb ebqghc bgnhjZpbb ojZg_gb i_jkhgZevgufb ^Zggufb ]jZ`^Zg h[jZlb\rboky aZ ih mkem]khpjbZevghc ih^^_j`db b ]hkm^Zjkl\_gghc kh	2	
L_fZ :job\gh_ ojZg_gb_ ^hdmf_glh	Hp_gdZ agZqbfhklb ^hdmf_glh\ b kjhdb ojZg_gby Zjob\ghfm ^_em  ljZdlbq_kdh_ aZgylb_ < L_klbjh\Zgb_	2  2	HD HD HD ID ID EJ EJ
JZa^_e	: \lfZlbabjh\Zggu_ kbkl_f^hdmf_oglhZph]h h[_ki_q_gby ^_ehijh		
L_fZ Dhfivxl_jgu kbkl_fu b l_ogheh]bb kha^Zgby ^hdmf_glh\ Hnhjfe_gb_ l_dklZ	Hkgh\gu_ f_lh^u b lj_[h\Zgby d hnhjfe_gbx nhjfZlbjh\Zgbx kbfl\heh\ l_dklZ jZkaZph\_gb_ l_dklZ jm[jbdb \u^_e_gby \ aZ]heh\dh\ ijbf_qZgby kghkdb \_jklidZ fgh]hkljZgbqgh]h	2	HD HD HD ID ID EJ EJ
	ljZdlbq_kdh_ aZgylb_ < ljZdlb dmf ih jZ[h_l_ k dhf lmlb h[_ki_q_gby j_kmjkhk[_j_`_gby Kj_^kl\Z ijhn b ijhn_kkbhgZevgh]h \u]hjZgby	2	
<K?=H		44	
	>bn aZq_l \ k_f_klj_		

2.3. L\_fZlbg\_kidebZcg

mq\_[ghc ^bkpbHebguHkgh^hdmf\_glh\ \_b\_gby  
 ^\_ehijhba\h^kl\Z \ khpbZevghc jZ[mh\_jfu^he[ymaZgbqy

<p>&lt; i i</p>	<p>GZbf_gh\Zgb_ jZa^_eh\ b l</p>	<p>&lt;k_]h aZgyl</p>
		<p>d m k</p>
<p>1</p>	<p>lhgylb_ p_eb aZ^Zqb_behijhghp^h^k              Hkgh\gu_ ihgylby ^hdmf_glZpbhggh              mijZ\e_gby Jhev ^hdmf_glZ \ `bagl              h[s_kl\ _ Kihkh[u ^hdmf_glbjh\Zgby              ^hdmf_glZ MgbnbdZpby b klZg^Zjl              ^_ehijhba\h^kl\ _</p>	<p>2</p>
<p>2</p>	<p>Kh\j_f_ggu_ hj]ZgbaZpbhggu_ nhjfu              ^_ehijhba\h^kl\Z Lbih\u_ iheh`_gb              ^hdmf_glZpbhggh]h h[_ki_q_gby mi              &gt;he`ghklghc b qbke_gguc khklZ\ jZ              ^hdmf_glZpbhggh]h h[_ki_q_gby mi              jZ[hlgbdh\ kem`[u ^bdggh]hZp[_ki_c              mijZ\e_gby</p>	<p>2</p>
<p>3</p>	<p>Hkgh\gu_ lj_[h\Zgby d nhjfbjh\Zgbx              Nhjfbjh\Zgb_ ^_e \ hj]ZgbaZpbyo jZ              mijZ\e_gby AZ^Zqb kem`[u &gt;HM b              Zjob\Z ih nhjfbjh\Zgbx ^_e ljZ\beZ              ^hdmf_glh\ jZaebqguo dZI_]hjbc \ ^              kbkl_fZlbaZpbbl^hdgm]j^ ^_e Hkh[              hnhjfe_gby ^_e ih ebqghfm khklZ\m</p>	<p>2</p>
	<p>&lt;K?=H &gt;bn aZq_l</p>	<p>6</p>

3. MKEH<BY J?:EBA:PBB MQ?;GHC >BKPBIIEBGU

3.1 Lj\_[h\Zgby d fbgbfZevghfm fZloghevkghfm h[\_ki\_c

>ey j\_ZebaZjh]pZffu mq\_[ghc ^bkipbiebgu ij\_
ke\_^mxsb\_ ki\_pbZevgu\_ ihf\_s\_gby \ khhl\\_lkl\bb k
- dZ[bg\_l hkgZs\_gguc h[mj\_m^hgZgbi\_hkZ^hgg\_u\_ f
h[mqZxsboky b ij\_ih^Z\Zl\_ey deZkkgzY ^hkqZ
l\_ogkpb\_ kj\_^kl\Z h[mq\_j\_Zdlyb\gZy ^hkqZdhfjlx\_d\_lj
- dZ[bg\_l ^ey kZfhklhyl\_evghc jZ[hlu

BgnhjfZpbhg[ki\_q\_gb\_ h[mq\_gby

>ey j\_ZebaZpbb ijh]jZffu [b[ebhl\_qguc nhg^
hj]ZgbaZpbb bf\_qZlgui\_ we\_dljhggu\_ h[jZah\
bgnhjfZpbhggu\_ j\_kmjku ^ey bkihevah\Zgby \ h[jZah

GhjfZlb\ghZ\h\u\_ Zdlu

1. Dhgklblmpby JhkN\_b^k\_jZpbb ] k mq\_lhf ihij
 \g\_k\_gguo AZdhgZfb JN Dhgk]Z\ahZpbd JN hl -
 NDA hl -NDA hl -NDA hl -
 NDA
2. N\_^\_jZevguc aZdhg hl bxey ©H ]hk^m^Zjkl\\_ggh
 \ ^\_ckl\mxs\_c j\_^Zdpbb
3. =jZ`^Zgkdbc dh^\_dk Jhkkbckdhc N\_^\_jZpbb\mxs.
 j\_^Zdpbb
4. Ljm^h\hc dh^\_dk Jhkkbckdhc^NjZ^evjZpbbbaZdhg hl
 ] < -NA \ ^\_ckl\mxs\_c j\_^Zdpbb
5. N\_^\_jZevguc aZdhg hl y-gM^jy©H[ w\_e\_dljhgghc p
 ih^ibkb^a \ ^\_ckl\mxs\_c j\_^Zdpbb
6. N\_^\_jZevguc aZdhg hl bxey -NA]©H dhff\_jq\_kdhc l
 ^\_ckl\mxs\_c j\_^Zdpbb
7. N\_^\_jZevguc aZdhg hl hdly[jNA ©H] Zjob\ghf ^
 Jhkkbckdhc N\_^\_jZpbb^a \ ^\_ckl\mxs\_c j\_^Zdpbb
8. N\_^\_jZevguc aZdhg JN hl -NA ©H[hjZpbb
 bgnhjfZpbhgguo l\_ogheh]byo b h aZsbl\_ bgnhjfZ
 j\_^Zdpbb

9. N\_^\_jZevguc aZdhg hl fZyNA ©H ihjy^d\_ jZkkf  
h[jZs\_gbc ]jZ`^Zg Jhkkbckdhc N\_^\_jZpbb^ \ ^\_ck
10. N\_^\_jZevguc aZdhg hl -NA ©H i\_jkhgZevguo ^Z  
^\_ckl\mxs\_c j\_^Zdpbb
11. N\_^\_jZevguc aZdhg hl -NA ©H [ hkg h\Zo khpbZ  
h[kem`b\Zgby ]jZ`^Zg \ Jhkkbckdhc ^N\_c^l\jZpbb  
j\_^Zdpbb
12. l\_j\_q\_gv k\\_^\_gbc dhgnb^\_gpbZevgh]h oZjZdl\_j  
ij\_ab^\_glZ Jhkkbckdhc N\_^\_jZpbb hl fZjIZ ]  
j\_^Zdpbb
13. lhklZgh\^\_gb\_ ljZ\bl\_evkl\Z JN hl  
hjjZgbaZpbc ^\_y\_jh\_lbc^\_l\_c hklZ\rboky [\_a ihi\_q  
b h[ mkljhckl\ \ gbo ^\_ly\_ d\_khZ\rboky jh^bl\_e\_c  
lhev`\_gb\_f h ^\_yl\_evghklb hjjZgbaZpbc b^\_y\_l\_  
hklZ\rboky [\_a ihi\_q\_gby jh^bl\_e\_c b h[ mklj  
hklZ\rboky [\_a ihi\_q\_gby jh^bl\_e\_c
14. lhklZgh\^\_gb\_ ljZ\bl\_evkl\Z Jhkkbckdhc h N\_^\_jZpbb  
ba]hlh\^\_gby bkihevah\Zgby ojZg\_gby b mgbqlh  
\hkijhba\\_^\_gb\_f =hkm^Zjkl\\_ggh]h ]\_j[Z Jhkkbck  
^\_dZ[jy ] ^\_ckl\mxs\_c j\_^Zdpbb
15. lhev`\_gb\_ h ihjy^d\_ h[jZs\_gby kh kem`\_[g  
h]jZgbq\_ggh]h jZkijhkljZg\_gby \ n\_^\_jZevguo hj  
\eZklb MI\\_j`^\_gh ihklZgh\^\_gb\_f ljZ\bl\_evkl\Z J  
hl ghy[jy ] ^\_ckl\mxs\_c j\_^Zdpbb
16. lhklZgh\^\_gb\_ ljZ\bl\_evkl\Z Jhkkbckdhc N\_^\_jZpbb  
©H ljm^h\uo dgb`dZo^ \ ^\_ckl\mxs\_c j\_^Zdpbb
17. lhklZgh\^\_gb\_ =hkm^Zjkl\\_ggh]h dhfbl\_IZ Jhkkb  
klZl\_bkl\_d\_hl yg\Zjy ] ©H[ ml\\_j`^\_gbb m  
i\_j\bqghc mq\_lghc ^hdmf\_glZpbb ih mq\_lm ljm  
^\_ckl\mxs\_c j\_^Zdpbb
18. ljbDza Fbgdmevlmju Jhkkbb hl j\_^  
ml\\_j`^\_gbb ©l\_j\_qgy lbih\uo mijZ\^\_gq\_kdbo Z  
h[jZamxsboky \ ijhp\_kk\_ ^\_yl\_evghklb]Zgkm^Zjkl\Z  
f\_klgh]h kZfhmijZ\^\_gby b hjjZgbaZpbc h\ k\_jZg\_Zgb  
^\_ckl\mxs\_c j\_^Zdpbb
19. =HKL J - KB;B> >\_ehijhba\h^kl\h b Zjob\gh\_  
hij^\_e\_gbyB^h klZg^Zjhl\ k
20. =HKL J - KhpbZevgh\_ h[kem`b\Zgb\_ gZk\_e\_g  
khpBZevguo mkem]
21. =HKL 0.97 Kbkf\_fZ klZg^Zjhl\ ih bgnhjfZpbb [Z  
ba^Zl\_evkdhfm ^\_em HjjZgghjZpbb h^ghZy ^hdm  
Lj\_[h\Zgby d hnhjfe\_gbx ^hdmf\_glh\

22. ljb dZa Fbg ljm^Z Jhkkbb hl < g ©H[ m aZy\ e\_gby h ij\_^hklZ\ e\_gby [okmkem]^a ©Jhkkbb <
23. ljb dZa Fbg ljm^Z Jhkkbb hl 1 g j\_^ ijbf\_jghc nhjf\_ ^h]h\hjZ h ij\_^hklZ\ e\_gbb khpbZe nhjf\_ bg^b\b^mZevghc ijh]jZffu ij\_^hklZ\ e\_gby kh
24. l hklZgh\ e\_gb\_ ljZ\bl\_ evkl\h JH hl < lhjy^dZ ij\_^hklZ\ e\_gby khpbZ [okmkem]^a khpbZ [okmkem]^a

### 3.1. Hkgh\gu\_ bklhgqgdbb

1. >hdmf\_glZpbhggh\_ h[\_ki\_q\_gb\_ mijZ\ e\_gby e\_kbhk ^\_eh\uo ^hdmf\_glh\ mq\_[gh\_ ihkh[b\_ ^ey KIH ;ZrfZdh\ZKZjZih\ Fhkd\Z ljhnh[jZah\Zgb\_ :c lb ^ 144 c.
2. Dhjg\_\_\ B D >hdmf\_glZpbhggh\_ h[\_ki\_q\_gb\_ ijZdlb dmf ^ey kj\_^g\_]h ijhn\_kkbhgZevgh]h h[jZah < lr\_gdh < : FZrmajp\_ba^ i\_j\_jZ [Fb ^Bia^ZI\_evkl\ XjZcl ^ 2 k^2 ljhnh\_kkbhgZevgh]h h[jZah\Zgb\_
- Dmag\_ph\ B G >hdmf\_glZpbhggh\_ h[\_k >hdmf\_glh[hjh] b ^\_ehijhba\h^kl\h mq\_[gbd b ij ijhn\_kkbhgZevgh]h h[jZah\Zgby ^ 3B Ga^Dmia\_g\_jZ\ ^ 2 F Ba^ZI\_evkl\h XjZcl k^2 ljhnh\_kkbhgZevgh h[jZah\Zgb\_
- 4 >hjhgbgZ E : >hdmf\_glZpbhggh]h h[\_ki\_q\_gb\_ ijZdlb dmf ^ey kj\_^g\_]h ijhn\_kkbhgZevgh]h h[jZah\Z K Bjblbdh\Z Fhkd\Z Ba^ZI\_evkl\h XjZcl^2 k^2 ljhnh\_kkbhgZevgh\_gbh[jZah\Z ISBN 9785-534-057836. ^ 2 L\_dkl we\_dljhguc W;K XjZcl URL: https://urait.ru/bcode/453767
5. Dhjg\_\_\ B D >hdmf\_glZpbhggh\_ h[\_ki\_q\_gb\_ n mq\_[gbd b ijZdlb dmf ^ey kj\_^g\_]h ijhn\_kkbhgZevgh]h h[jZah\Z Dhjg\_\_\ : < lr\_gdh < ? 2FZrmajp\_\i\_j\_jZ [Fb ^Bia^ZI\_evkl\ XjZcl k^2 ljhnh\_kkbhgZevgh\_ h[jZah\Z ISBN 9785-534-050226. ^ 2 L\_dkwe\_dljhguc W;K XjZcl URL: https://urait.ru/bcode/453688
- 6 Dhjg\_\_\ B D >hdmf\_glZpbhggh\_ h[\_ki\_q\_gb\_ ijZdlb dmf ^ey kj\_^g\_]h ijhn\_kkbhgZevgh]h h[jZah\Z lr\_gdh < : FZrmajp\_\i\_j\_jZ [Fb ^Bia^ZI\_evkl\

XjZcl 2 k 2 Ijhn\_kkbhgZevgh[jZah\Zgb\_  
we\_dljgguc W;K XjZcl URL: >k  
7. Dmag\_ph\ B G >hdmf\_glZpbhggh\_ h[\_ki  
>hdmf\_glhh[hjhl b ^\_ehijhba\h^kl\h mq\_[gbd b ij  
ijhn\_kkbhgZevgh]h h[BZaG\Zgby?3-phba^ i\_j\_jZ? b  
F Ba^ZI\_evkl\h XjZcl k2 Ijhn\_kkbhgZevgh\_ h[jZ  
2 L\_dkl we\_dljgguc W;K XjZcl URL: >k  
<https://urait.ru/bcode/470020>  
8 Rm\Zeh\Z G G >hdmf\_glZpbhggh\_ h[\_ki\_q\_gb  
ijZdlbdfm ^ey kj\_^g\_]h ijhn\_kkbhgZevgh]h h[jZah\Z  
2- \_ba^ F Ba^ZI\_evkl\h XjZcl k2 Ijhn\_kkbhgZev  
h[jZah\Zgb L\_dkl we\_dljgguc W;K XjZcl URL: >k  
<https://urait.ru/bcode/469832>  
>hihegbl\_evgu\_ bklhqgbdb  
=HKL J - ©GZpbhgZevguc klZg^Zjl Jhkkbck  
Kbkl\_fZ klZg^Zjlh\ ih bgnhjfZpbb [b[ebhl\_qghfm  
Hj]ZgZpbhgZgkihjy^bl\_evgy ^hdmf\_glZpby  
hnhjfe\_gbx ^hdmf\_glh\^ ml\ ljbdZahf JhkkIzg^ZjlZ  
kl j\_^ hl

4. DHGLJH BVHP?GD: J?AMEVL:LH< HK<H?GBY MQ?;GHC >BK

J_amevlZlu h[mq	Nhjfub f_lh^u dhgljhey b hp_gdb j_amev
Hk\h_ggu_ mf_gb	
± hnhjfeylv hj]ZgbaZpbhggh jZkihjy^bl_evgu_ ^hdmf_glu \ khh k ghjfZlb\ghc [Za bkihevamy bgnhjfZpbhggu_ l_ogheh]bb	-mklguc hijhk ih,13f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb IA< IA< IA< ijhf_`mlhqqZy Zll_klZpby
± mgbnbpbjh\Zlv kbkl_fu ^hdmf_gl	-mklguc hijhk ih l_f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb ijhf_`mlhqqZy Zll_klZpby
-hkms_kl\eylv oja ihbkd ^hdmf_glh\	-mklguc hijhk fih -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb ijhf_`mlhqqZy Zll_klZpby
-hkms_kl\eylv Z\lhfZlbaZpbx h[ ^hdmf_glh\	-mklguc hijhk ih l_f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb ijhf_`mlhqqZy Zll_klZpby
± bkihevah\Zlv l_e_dhffmgbdZpb l_ogheh]bb \ we_ ^hdmf_glhh[hjhl_	-mklguc hijhk ih l_f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb ijhf_`mlhqqZy Zll_klZpby
± hkms_kl\eylv h[jZ[hldm ^hdmf_ h[jZs_gbyf ]jZ`^Z	-mklguc hijhk ih l_f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb ijhf_`mlhqqZy Zll_klZpby
± hkms_kl\eylv h dhgnb^_gpbZevg ^hdmf_glh\	-njhglZevguc hijhk ih l_f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ h[mydZesgjhk ijhp_kk_ \uiheg_gby ijZdlbq_kdbo aZ^Zgb ijhf_`mlhqqZy Zll_klZpby
± hnhjfeylv i ^hdmf_glh\ ij^hklZ\evgby khpZevguo mke	-mklguc hijhk ih l_f_ -hp_gdZ j_amevlZlh\ \uiheg_gby ijZlppb@ j_amevlZlh\ gZ[ex^_gbc aZ ^_yl_evghklvx ijhp_kk_ \uiheg_gby ijZdlbq_kdbo IA< IA< IA< IA<; ijhf_`mlhqqZy Zll_klZpby
Mk\h_ggu_ agZg	

± ihgylb_ p_eb ijbgpbui ^_ehijhba\h^kl\Z	-mklguc hijhk ih l_f_ --dhgljhev\uiheg_gby KJK ih;l_f_ ijhf_`mlhqqZy Zll_klZpby
± hkgh\gu_ il ^hdmf_glZpbhggf h[_ki_q_gby mijZ	-mklguc hijhk ih l_f_ -dhgljhev \uiheg_gby KJK ih l_f_ ijhf_`mlhqqZy Zll_klZpby
± kbkl_fu ^hdmf_glZpbhggf h[_ki_q_gby mijZ	-mklguc hijhk ih l_f_ l_klbjh\Zgb_ -dhgljhev \uiheg_gby KJK ih;l_f_ ijhf_`mlhqqZy Zll_klZpby
± deZkkbnbdZpby	-mklguc hijhk ih l_f_ l_klbjh\Zgb_ -dhgljhev \uiheg_gby KJK ih l_f_ ijhf_`mlhqqZy Zll_klZpby
± lj_[h\Zgby d khklZ\e_gbx b hnhjfe_gbx ^hdmf	-mklguc njhglZevguc hijhk ih l_f_ -dhgljhev \uiheg_gby KJK ih;l_f_ ijhf_`mlhqqZy Zll_klZpby
± hj]ZgbaZpby ^hdmf_glhh[hjhIZ h[jZ[hldZ j_]b dhgljhev o ^hdmf_glh\ ghf_ ^_e	-mklguc njhglZevguc hijhk ih 2.4,2.5 -dhgljhev\uiheg_gby KJK ih l_f_ ijhf_`mlhqqZy Zll_klZpby
± hkh[_gghklb ^_ehijhba\h^kl\Z h[jZs_gbyf ]jZ`^ dhgnb^_gpbZevg ^_ehijhba\h^kl\Z	-mklguc hijhk ih l_f_ -dhgljhev \uiheg_gby KJK ih l_f_ ijhf_`mlhqqZy Zll_klZpby
± hkh[_gghklb hj]ZgbaZpbb ^hdmf_glhh[hjhIZ mqj_`^_gkhpZev aZsblu	-mklguc hijhk ih l_f_ -dhgljhev \uiheg_gby KJK ih l_f_ ijhf_`mlhqqZy Zll_klZpby
± Ze]hjblf hnhjf ^hdmf_glh\ ij_^hklZ\e_gby khpZevguo mke	-mklguc hijhk ih l_f_ -\uiheg_gb_ bg^b\b^mZgbcguo aZ^ -dhgljhev \uiheg_gby KJK ih l_f_ ijhf_`mlhqqZy Zll_klZpby

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

:^ZilZpby jZ[hq\_c ijh]jZffu ^bHkpbiebgukgh\u  
^hdmf\_glh\\_^\_gby b ^\_ehijhba\h^kl\Z \ kjm p b Z b k g y  
ijb j\_ZebaZpbb Z^Zilb\ghc h[jZah\ZI\_eviglm]jZfifh]]  
ih^]hlh\db ki\_pbZebklh\ kj\_^g\_]h aVkgZbZle v g Zy \jZ[  
p\_eyo h[\_ki\_q\_gby ijZ\Z bg\Zeb^h\ uf be b p a k h `rg]h Z byk  
a^hjh\vy gZ ihemq\_gb\_ ijhn\_kkbhgZevgh]h h[jZah\Z  
^ey ihemq\_gby kj\_^g\_]h ijhn\_kkbhgZevgh]h h[jZah  
h[\_ki\_q\_gby ^hklb`\_gby h[mqZxsbfby bg\Zeb^  
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H[hjm^h\Zgb\_g\_IZ ^\_ehijhba\h^kl\Z b j\_`b^Zyk\_c  
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hl\\_qZlv hkh[uf h[jZah\Z]je[ghklyf h[mqZxsboky bg  
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hkgZs\_gu h[hjm^h\Zgb\_f b mq\_[gufb f\_klZfb k l\_o  
h[mq\_gby ^ey h[mqZxsboky k jZaebqgufb \b^Zfb h]j

DZ[bg\_\ dhjh f h[mqZxlky ebpZ k gZjmr\_gb\_f ken  
h[hjm^h\Zg jZ^bhdeZkkhf dhfivxl\_jghc l\_ogbdh  
\b^\_hl\_ogbdhc we\_dljhgghc ^hkdhc fmevlbf^bcgh  
>ey keZ[h\b^ysbo h[mqZxsboky]j\_`mkfZljb\Zxlk  
ijhkfhlj m^Ze\_ggubh\h[ij\_bd ihfhsb \b^\_hm\\_ebqbl\_  
m^Ze\_ggh]h ijhkfhljZ Bkihevah\Zgb\_ ;jZce\_\kdhc  
we\_dljhgguo emi ijh]jZff g\_\bamZevgh]h ^hkIm  
l\_ogbq\_kdbo kj\_^kl\jijbZ\_qfZ mq\_[ghc bgnhjZpbb \  
nhjfZo

>ey h[mqZxsboky k gZjmr\_gb\_f^b]j]g evgh]h ZiiZ  
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bklhqqgdhf iblZgby

<ur\_mdZaZggh\_ hkgZs\_gb\_ mklZgZ\eb\Z\_lky \  
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bf\_xs\_]hky lbiZ gZjmr\_gbc a^hjh\vy m h[mqZxs\_]hky

BgnhjZpbhggh\_ b f\_lh^bq\_kdh\_ h[\_ki\_q\_gb\_ h[r

>hkImi d bgnhjZpbhgghuf b [b[ebh]jZnbq\_kdbf j\_  
\ i jZ[hq\_c ijh]jZffu ^he`\_g [ulv ij\_^klZ\e  
Z^Zilbjh\Zggguo d h]jZgbq\_gbyf a^hjh\vy h[mqZxsbo  
h]jZgbq\_ggufb \hafh`ghklyfb a^hjh\vy

>ey ebp k gZjmr\_gbyfb aj\_gby g\_f\_g\_\_ h^gh]h  
-\ i\_qZlghc nhjf\_ m\\_ebq\_gguf rjbnlhf

```

- \ 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_gbyfb]Zihjggh]h ZiiZjZIZ g_ f
\b^h\
- \ i_qZlghc nhjf_
- \ nhjf_ we_dljhggh]h ^hdmf_glZ
- \ nhjf_ Zm^bhnZceZ
>ey ebp k -gk]gghq_kdbfb gZjmr_gbyfb jZ
Zmlbq_kdh]h ki_dljZ gZjmr_gb_ ikbobq_kdh]h jZa\b
- bkihevah\Zgb_ l_dklZ k beexkljZpbyfb
- fmevlbf_^bcgu_ fZl_jbZeu
<h \j_fy kZfhklhyl_evghc ih^]h]h\klydb gh\ZrephZxsb e
h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy ^he`gu [ulv h
d k_lb Bgl_jg_l

```

Nhjf u b f\_lh^u dhgljhey b hp\_gdb j\_amevlZlh\ h

```

MdZaZggu_ \ i ijh]jZffu nhjf u b f_lh^u dhglj
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y\ey_lky k\h_\j_f_ggh_ \uy\e_gb_ aZljm^g_gbc b hl
k h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy b \g_k_
mq_[gmx ^_yl_evghklv
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ebp k h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy mklgh
ibkvf_ggh gZ dhfivxl_j_ \ nhjf_ l_klbjh\Zgby b l i
ljb ijh\_^_gbb ijhf_`mlhqghc Zll_klZpbb
ij_^hklZ\ey_\j_fy gZ ih^]h]h\dm d hl\_lm m\_ebq_g
ljb jZaZ mklZgh\e_ggh]h ^ey ih^]h]h\db d hl\_
bf_xsb f h]jZgbq_gbc \ khklhygbb a^hjh\vy

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