

Fbgbkl_jkl\h gZmdb b \ukr_]h h[jZah\Zgby Jhkkbckdh
N_^_jZevgh_]hkm^Zjkl_ggh_ [x^`_lgh_ h[jZah\ZI_ev
\ukr_]h h[jZah\Zgby
©Kfhe_gkdbc]hkm^Zjkl_gguc mgb_jkbl_l^a

DZn_^jZ nbabq_kdhc dmevlmju

©MI_j`^Zx^a
B h ijhj_dlhjZ ih mq_[gh
f_lh^bq_kdhc jZ[hI_
BBBBBBBBBBBBBB X : Mklbf
©6^a k_gly[jy]

Б4 и4а б 4 4 в3 м
г У м дбвм и в д нгдб в бгд

GZijZ\e_gb_ ih^)(hIh\cb 4 4бжг гдб вб м
GZijZ\e_gghklv :ijhnbew б г б У4 4бжг гдб -
б вгб4 вгУ вб м
NhjfZ h[mq_gby hqgZy
Dmjk-3±
K_f_klj-5±
<k_]h aZq_lguo _^фZghp28±±
NhjfZ hlq_lghklb1,2aZ4,5lk±f_klj

Ijh]jZffm jZajZ[hIZe
DZg^b^ZI i_^Z]h]bq_kdbo gZmd ^hp_gl I < Imklhrbeh

H^h[j_gZ gZ aZk_^Zgbb dZn_^ju nbabq_kdhc dmevlmju
©0^a Z\]mR010] ijhIhdhe <

вг вЗ м Увгбд гдб

>bkpbiebgZ ©We_dlb\gu_ dmjku ih nbabq_kdhc dmevlmj
 ;ehdm qZklv nhjfbjm_fZy mqZklgbdZfb h[jZah\ZI_evguo h
 ih^]hlh\db >baZcg Zjobl_dlmjghc kj_^u WIZ ^bk
 nhjfbjh\Zgh[s_dmevlmjghc dhfi_l_gpbb Km^_k\Zl^eglvh k\yaZ
 ^bkpbiebgZfb ©;_ahiZkghklv `bag_^_yl_evghklb^ ©Nbabq_k

4 бд м б д нг4гм ди а вЗ

г з а	4г бм вг а
Д -7. Kihkh[_g ^ih^b\Zl\he`g mjh_gv nbabq_kdhc_e_gg^khl h[_ki_q_gby pihggghc khpbZ ijhn_kkbhgZevghc ^_yl_evgh	4гн hij_^_e_gb_ b khk dhfihg_glu a^hjh\h]h h[j] hkh[_gghklb bkihevah\Zg nbabq_kdhc dmevlmjju ^ey jZ[hlhkihkh[ghklb b mdj_ie jhev nbabq_kdhc dmevlmj kh\j_f_gghf h[s_kl_ \ `ba ih^]hlh\d_]h d khpb ijhn_kkbhgZevghc ^_yl_evgh nbabq_kdhc dmevlmjju \ h[s_c dmevlmjju ebqghkl ijbppbiu kj_^kl\Z f_lh^u r ha^hjh\bl_evghc b kihjlb\gh Д гн \u[bjZlv kbkl_fu nb mijZ`g_gbc ^ey \ha^_d hij_^_e_ggu_ nmgdpbhgZe hj]ZgbafZ q_eh_dZ ijbfb ^habjh\Zgby nbabq_kdbo aZ\bkbffhklb hl khklhygb nbabq_kdh]h jZa\blby b ih^]hlh\e_gghklb 4 гн l_ogbdhc \uih dhgljhevguo mijZ`g_gbc b \uihegylv bo \ khhl\ lj_[h\Zgbyfb

3 б 4 вЗ м

>bZ]ghklbdZ h[s_nbia^bghlhd^b klm^_gh\ K^ZqZ dh
 bkiulZgbc ghjfZlb\h\

1. Ф4а 4г г 4 Hkgh\u l_ogbdb [_ahiZkghklb gZ aZgylbyo
 HagZdhfe_gb_ h[mq_gb_ b h\ez^_gb_ ^\b]ZI_evgufb gZ\udZ
 Zle_lbdb [_] gZ dhjhldb_ ^bklZgpbb \b^u klZjhh\ klZjhh\u
 [_] ih ^bklZgpbb nbgbrbjh\Zgb_ ;_] gZ kj_^gb_ ^bklZgp
 <ukhdbc klZjl klZjhh\h_ mkdhj_gb_ ;_] ih ^bklZgpbb b nb
 [_] Hkh[_gghklb ^uoZgby \ jZa^Zbqgju^db^Z^o \b^u l_ogbdb
 lju`db \ ^ebgm k f_klZ Kh_jr_gkl\h\Zgb_ agZgbc mf_gb
 nbabq_kdbo dZq_kl\ nmgdpbhgZevguo \hafh`ghkl_c hj]Zg
 Ki_pbZevgZy nbabq_kdZy ih^]hlh\dZ \ jZaedhgdb^o Kbm^Zl[ueZ
 f_lh^u kZfhdhgljhey ijb aZgylbyo ez]dhc Zle_lbdhc Hkh[
 ieZgbjh\Zgby aZgylbc ez]dhc Zle_lbdhc \ k\yab k \u[jZgg
 khj_gh\Zgbc ih e_]dhc Zle_lbd_ ljZ\beZ km^_ckl\Z khj_gh
 k ghjfZlb\Zfb =LH ih e_]dhc Zle_lbd_

2. 3 бг У м Фм. Hkgh\u l_ogbdb [_ahiZkghklb gZ aZgylb
 b]jZfb

;Zkd_l[heAZgylby \dexqZxl h[smx nbabq_kdmx ih^]hIh\c
 nbabq_kdmx ih^]hIh\dm mijZ`g_gby ^ey jZa\bcbby kldh\kl\ghk
 \ughkeb\hklb iju]mq_klb]b[dhklb kdhjhklghc j_Zdpbb r
 hjb_glbjh\db hk\h_gb_ l_ogbdb i_j_^b`_gbc hklZgh\db b
 fyqhf i_j_^Zqb fyqZ h^ghc b ^\mfy jmdZfb gZ f_kl_ b^b`
 ^\mfy jmdZfb _^_gby fyqZ h[\h^dZ ijhIb\gbdZ [jhkdh\ fy
 h^ghc b ^\mfy jmdZfb Hk\Zb\Zxlky h[fZggu_ ^b`_gby n
 l_ogbdZ i_j_f_s_gbc hkgh\gZy aZsblgZy klhcdZ b \k_ \b^u
 l_ogbdZ^Z^_gby fyqhf \uju\Zgb_ b \u[b\Zgb_ fyqZ i_j_o\z
 _^_gbx ijhoh^Zf [jhkdZf \ dhjabgm h\ez^_gb_ fyqhf hkd
 b]ju \ [Zkd_l[he l_jZ\beZ b]ju b hkgh\u km^_ckl\Z
 <he_c[hAZgylby \dexqZxl bamq_gb_h\ghu^Z^ijg_bfZfbkgf_ogb
 \he_c[heZ i_j_f_s_gb_ ijbzf b i_j_^ZqZ fyqZ ih^Zqb
 [ehdbjh\Zgb_ Kh_jr_gkl\h\Zgb_ gZ\udh\ b]ju \ \he_c[he
 ih^]hIh\dZ \he_c[hebklZ L_ogbdZ b lZdlbdZ b]ju l_jZ\beZ
 km^_ckl\Z
 GZklhevguc l_AZgylby \dexqZxl bamq_gb_ h\ez^_gb_ hk
 l_ogbdb b]ju kihkh[u ^_j`Zgby jZd_ldb klhcdZ l_ggbkklZ
 fyqm ih^Zqb fyqZ Kh_jr_gkl\h\Zgb_ gZ\udh\ b]ju \ gZkl
 b]ju l_jZ\beZ khj_gh\Zgbc hkgh\Z km^_ckl\Z
 lh^b`gu_ b]AZgylby \dexqZxl h\ez^_gb_ f_lh^bdhc ijh_^_g
 [_]hf iju`dZfb f_lZgbyfb ^ey ^_l_c b \ajhkeuo
 3. 4вг 4. Hkgh\u l_ogbdb [_ahiZkghklb gZ aZgylbyo]bfgZ
 khklZ\ez_gb_ jZaghh[jZaguo dhfie_dkh\ h[s_jZa\b\Zxsbo mijZ
 b gZijZ\ez_gghklb \ha^_ckl\by MijZ`g_gby gZ kbem b]b[dhk

4г и в 4

	Б4 м г м	в Ф и4в У	б м 4 аг		
			з	б4 г и в 4 аг а	в4 вг аг н 4а б4 г4
1.	€ 4Ф вг 4 к и в Ф в вг а а вгд г4	18	-	18	-
1.1	lh^]hIh\dZ d ^bZ]ghklbq_kdhfm h[ke_^h\Zgbx	14	-	14	-
1.2	>bZ]ghklbq_kdh_ h[ke_^h\Zgb_	4	-	4	-
2.	Ф4а 4г г 4	120	-	60	60
2.1	;-] gZ dhjhldb_ ^bk	18	-	18	-
2.2	;-] gZ kj_^gb_ b ^e ^bklZgpbb	32	-	32	-
2.3	lju`db \ ^ebgm k f_	10	-	10	-
3.	3 бг У м ФМ	128	-	60	64
3.1	;Zkd_l[he	38	-	22	-
3.2	<he_c[he	36	-	22	-
3.3	GZklhevlg_uogb k	32	-	16	-
4.	4вг 4	44	-	22	22
4.1	MijZ`g_gby gZ kber	12	-	12	-
4.2	=b[dhklv	10	-	10	-
5.	У м ФМ	22	-	-	22
		328	-	160	168

5. м ди аг н вг

4 аг а в 4бв Ф г 4

дбв в вгб и4в4

1-(4 аг а ±ih^]hlih\dZ Z]ghklbq_hk[cler_mh\Zgbx
) 4 аг ±^bZ]ghklb_dZ gZ f_ljh\ mijZ`g_gby gZ kbem
4 аг ±^bZ]ghklb_dZ gZ \ughkeb\hkl_\mrdfb - xghrb

10- 4 аг а ijh\h^ylky kh]eZkgh khklZ\е_ggghfm]jZnb dm m_q_l[ug
klm^_glu ihhq_j_^gh aZgbfZxlky e_]dhc Zle_lbdhc [Zkd_l[hehf \
gZklhevuf l_ggbkhf we_f_glZfb]bfgZklbdb djhkkh\hc
ih^]hlih\dhc gZ mebp_ beb \ aZeZo aZgylyby ijhoh^yl k
lj_gbjh\hqg_gylbaZ H[s_nbabq_kdZy ih^]hlih\dZ d aZqzlf b
dhfie_dkZ =LH

4 аг ±aZq_lgh_ aZgylyb_ ih h[s_nbabq_kdhc ih^]hlih\d_ l_

дбв в вгб и4в4

1- 4 аг а ijh\h^ylky kh]eZkgh khklZ\е_ggghfm]jZnb dm m_q_l[ug
ihhq_j_^gh aZgbfZxlky e_]dhc Zle_lbdhc [Zkd_l[hehf \
l_ggbkhf we_f_glZfb]bfgZklbdb djhkkh\hc beb h[s_nbabq_
beb \ aZeZo aZgylyby ijhoh^yl kh]eZkghbjh]eZgZfo maZ_gg h
H[s_nbabq_kdZy ih^]hlih\dZ d aZqzlf b k^Zq_ ghjfZlb\h\ dhfie_

4 аг ±aZq_lgh_ aZgylyb_ ih h[s_nbabq_kdhc ih^]hlih\d_ l_klbjh\Zg

дбв в вгб и4в4

1- 4 аг а ijh\h^ylky kh]eZkgh khklZ\е_ggghfm]jZnb dm m_q_l[ug
ihhq_j_^gh aZgbfZxlky e_]dhc Zle_lbdhc [Zkd_l[hehf \
l_ggbkhf we_f_glZfb]bfgZklbdb djhkkh\hc beb h[s_nbabq_
beb \ aZeZo aZgylyby ijhoh^yl kh]eZkghbjh]eZgZfo maZ_gg h
H[s_nbabq_kdZy ih^]hlih\dZ d aZqzlf b k^Zq_ ghjfZlb\h\ dhfie_dkZ

4 аг ±aZq_lgh_ aZgylyb_ ih h[s_nbabq_kdhc ih^]hlih\d_ l_

дбв в вгб и4в4

1- 4 аг а ijh\h^ylky kh]eZkgh khklZ\е_ggghfm]jZnb dm m_q_l[ug
ihhq_j_^gh aZgbfZxlky e_]dhc Zle_lbdhc [Zkd_l[hehf \
l_ggbkhf we_f_glZfb]bfgZklbdb djhkkh\hc beb h[s_nbabq_
beb \ aZeZo aZgylyby ijhoh^yl kh]eZkghbjh]eZgZfo maZ_gg h
H[s_nbabq_kdZy ih^]hlih\dZ d aZqzlf b k^Zq_ ghjfZlb\h\ dhfie_dkZ =LH

4 аг ±aZq_lgh_ aZgylyb_ ih h[s_nbabq_kdhc ih^]hlih\d_ l_klbjh\Zg

дбв в вгб и4в4

1- 4 аг а ijh\h^ylky kh]eZkgh khklZ\е_ggghfm]jZnb dm m_q_l[ug
ihhq_j_^gh aZgbfZxlky e_]dhc [Zkd_l[hehf \
l_ggbkhf we_f_glZfb]bfgZklbdb djhkkh\hc beb h[s_nbabq_
beb \ aZeZo aZgylyby ijhoh^yl kh]eZkghbjh]eZgZfo maZ_gg h
H[s_nbabq_kdZy ih^]hlih\dZ d aZqzlf b k^Zq_ ghjfZlb\h\ d

4 аг ±aZq_lgh_ aZgylyb_ ih h[s_nbabq_kdhc ih^]hlih\d_ l_klbjh\Zg

34 вг аг н 4а 64 г4

3гд г4 б 4Фпгва 4Ум б У б в м а ди а з 4 Ф

в вг64 м б вг4У гнб 64г 4Ум 64 дп г д

дбв в вгб

1. NZdlhju nhjfbjmxsb_ a^hjh\v_ =_g_lbq_kdbc nZdlhj k
kj_^u f^bpbgkdh_ h[_ki_q_gb_ mkeh\by b h[jZa `bag
a^hjh\h]h h[jZaZ `bagb

1. AZdZeb\Zgb_ hj]ZgbafZ hkgh\gu_ ijbgbpiu kj_^kl\Z f_

2. IjbgppbiupjZhgzZevgh]h iblZgby
3. Klj_kku b gZr_ a^hjh\v_
4. Nbabheh]bq_kdh_ h[hkgh\Zgb_ ha^hjh\bl_evgh]h wnn_ dmevlmjhc
5. Jhev ^\b]Zl_evghc Zdlb\ghklb \ ijhnbeZdlbd_ k_j^_qghkh
6. OZjZdl_jbklbdZ kj_^kl\ ki_pbZevghc ghZa^Zj^e\lgghekld ha^hjh\bl_evgy oh^v[Z ha^hjh\bl_evduc [_] ieZ\Zgb_ _ehkbi_^_ iju`db kh kdZdZedhc
7. OZjZdl_jbklbdZ nbabq_kdh_ h[hkgh\Zgb_ ha^hjh\bl_evgh]h f_lh^bd b kbkl_f jblfbq_kdZy]bfgZklbdZ r_cibg] dZ[eZ^Z_lbdZ^ZlZdVZ]bfgZklbdZ b ^j
8. Ijbqbgv ke_^kl\b_ b ijhnbeZdlbdZ aZ\hZl\Zggb]hiZjgZj gZjmr_gb_ hkZgdb iehkdhklhib_ fur_qgZy Zljhnby k \hkiblZgby lhgylb_]bih^bgZfbb]bi_j^bgZfbb
9. <hkklZgh\bl_evgh]h h[hkgh\Zgb_ ha^hjh\bl_evgh]h ZiiZjZlZ
10. Nbabq_kdZy dmevlmjZ b ^he]he_lb_
11. OZjZdl_jbklbdZ ^bkf_ghj_b b _z ijhnbeZdlbdZ kj_^ \hkiblZgby
12. HkZgdZ \g_rgb_ ijbagZdb agZq_gb_ hkZgdb kj_^kl\Z \hkiblZgby hkZgdb
13. Bkihevah\Zgb_ kj_^kl\ nbabq_kdhc dmevlmju \ p_eyo ij aZ\bkbfbhklb
14. GZjdhfZgby b _z ijhnbeZdlbdZ kj_^kl\Zfb nbabq_kdhc dr
15. F_lh^bdZ aZgylbk kh klm^_glZfb bf_xsbfb hldhg_gby \
16. Hkgh\u a^hjh\h]h h[jZa^Z_lgZb j_`bf ljm^Z b hl^uoZ gZ]jmadb ebqgZy]b]b_gZ aZdZeb\Zgb_ ijhnbeZdlbdZ
17. <ebygb_ k_fvb b k_jklgbdh\ gZ bg^b\b^mZevguc \u[hj a
18. AgZq_gb_ nbabq_kdhc dmevlmju b kihjIZ ^ey fheh^`b
19. Hkh[_gghklb ^\b]Zl_evghc Zdlb\ghklb \ jZaebqguo \ bgl_j_kgu_ nZdlu b ^hklb`_gby ih wlhc l_f_

ДБВ В ВГБ

1. Kbeh\u kihkh[ghklb b f_lh^bdZ bo jZa\blby
2. Kdhjhklgu_ kihkh[ghklb b hkgh\u f_lh^bdb bo jZa\blby
3. <ughkeb\hklv dZdhnabZbq_kdh b f_lh^bdZ _z jZa\blby
4. =b[dhklv b f_lh^bdZ _z jZa\blby
5. Dhj^bgZpbhggu_ kihkh[ghklb b f_lh^bdZ bo jZa\blby
6. Bkihevah\Zgb_ lj_gZ`_jh\ ^ey jZa\blby hkgh\guo nbabq_
7. Bkihevah\Zgb_ ih^`b`guo b]j ^ey jZa\blby hkgh\guo nba
8. Nbabq_kdh_ \hkiblZgb_ ^_l_c \ k_fv_ hkh[_gghklb ^hrd
9. Nbabq_kdh_ \hkiblZgb_ ^_l_c \ k_fv_ hkh[_gghklb feZ^
10. Nbabq_kdh_ \hkiblZgb_ ^_l_c \ k_fv_ hkh[_gghklb rdhevgh]h \hajZklZ
11. Nbabq_kdh_ \hkiblZgb_ ^_l_c \ fgh]h^_lghc k_fv_ h[hjm^h\ m]hedZ jZpbhgZevgh_ bkihevah\Zgb_ bg_glZjy mq_l hj]ZgbaZpby l_ogbdb [_ahiZkghklb
12. F_lh^bdZ ijbfg_g_gby kj_^kl\ nbabq_kdhc dmevlmju ^ey l_ehkeby
13. F_lh^bdZ kgb`_gby _kZ b nbabq_kdb_ gZ]jmadb ijb ^ kh\j_f_gguo ^b_l ^bZ]ghklbdZ h`bj_gby ikboheh]by i h[jZa `bagb nbabq_kdb_ gZ]jmadb `bjhk`b]Zx nbabh_l_jZi_lbq_kdb_ ijhp^mjuf_ehdZjkl\qggby h`bj_gby
14. F_lh^bdZ ijbfg_g_gby kj_^kl\ nbabq_kdhc dmevlmju \ i_jb

15. F_lh^bdZ khklZ\e_gby bg^b\b^mZevguo ijh]jZff nbabq ha^hjh\bl_evghc b \hkkIZgh\bl_evghc gZijZ\e_gghklvx f ijh]medZegu`Zo b ^j
16. JmkkdZy [Zgy kZmgZ fZkkZ` dZd kj_^kl\Z \hkkIZgh kihkh[ghkl_c b ^__kihkh[ghklb klm^_glh\ \ i_jbh^ wdaZf_
17. Kj_^kl\Z nbabq_kdhc dmevlmju \ j_]mebjh\Zgbb ikb nmgdpbhgZevgh]h k^kghlygbywklamZf_gZpbhgguc i_jbh^
18. Hkgh\gu_ f_ju ih hdZaZgbx i_j\hc ihfhsb ijb ljZ\fZo nbabq_kdbfb mijZ`g_gbyfb ihgylb_ kihjlb\gZy ljZ\fZ h[fhjh`_gby djh\hl_q_gby mrb[u jZkly`_gby \u\bob fb

ДБВ В ВГБ

1. Qlh]h\hjyl fbnu b e_]_g^u h[bklhjbb \hagbdgh_gby i_j GZb[he__ ijhkeZ\e_ggu_]_jhb
2. Hebfibckdb_ b]ju kh\j_f_gghklb bo kbf\hebdZ jblmZeu
3. Hebfibckdb_ b]ju ^j_\ghklb \ kjZ\g_gbb k kh\j_f_jgoufb h
4. l_j\u_ Jhkkbckdb_ hebfibcpu b bo kihjlb\gu_ ^hklb`_gby Jhkkbb
5. H[eZ^ZI_eb kZfhc [hevrhc dhee_dpbb hebfibckdbo gZ]j b]j kihjlkf_gh\
6. H[eZ^ZI_eb kZfhc [hevrhc dhee_dpbb hebfibckdbo gZ]j b]j kihjlkf_gh\
7. <u^Zxsb_ky kihjlkf_gu Kfhe_gsbgu
8. Nbabq_kdZy dmevlmjZ b kihjl gZ Kfhe_gsbg_
9. Ojhgheh]by fbjh\uo j_dhj^h\ b bgl_j_kguo nZdlh\ aZ \kx b]j
10. JZa\blb_ Hebfibckdh]h ^\b`_gby \ Jhkkbb
11. F_^mgZjh^guc Hebfibckdbcbkdhjfbby_lkha^Zgby p_eb kh^_j`Zgb_ ^_yl_evghklb
12. Jmkkdb_ gZpbhgZevgu_ \b^u kihjIZ b b]ju
13. Djmig_crb_ kihjlb\gu_ khhjm`_gby Jhkkbb
14. JZa\blb_ dhjihjZib\gh]h kihjIZ \ kh\j_f_gghc Jhkkbb
15. Wdklj_fZevgu_ \b^u kihjIZ i_jki_dlb\ u bo jZa\blby
16. Gh\u_ \bk^ihjIZ b bo agZq_gb_ ^ey ihimeyjbaZpbb Zdlb klm^_glh\
17. FZkkh\uc kihjl dZd khpbZevguc n_ghf_g
18. ljh_n_kkbhgZevgu_ajkbfjhs_kl\Z b g_^hklZldb
19. LjZ]bq_kdb_ km^v[u kihjlkf_gh\ kihjlb\gu_ ljZ\fu aZ[he_\Zgby b gk^qZkZlg_u_kihjlb\ghc dZjv_j_
20. Nbabq_kdZy dmevlmjZ b kihjl \ ijhba_^_gbyo l\hj_q_kdb kdmevilhjh\ j_`bkk_jh\ b l ^

ДБВ В ВГБ

1. Kihjlb\guc ljZ\fZlbfaf ijbqbgub ijhnbeZdlbdZ
2. Nbabheh]by b]b]b_gZ bg^b\b^mZevgZc aZsblu hl
3. F_^bpbgkdb_ ijh[e_fu fZkkh\hc nbabq_kdhc dmevlmju
4. Lj_gZ`_ju \ nbabq_kdhc dmevlmj_ b kihjl_
5. <u[hj kihkh[u b f_lh^u hj]ZgbaZpbb Zdlb\gh]h hl^uoZ
6. Hkh[_gghklb ih^]hlh\db b ijh_^_gby lmjbklbq_kdbo iho klhyghd
7. Nbabq_kdZyh\ldZ]hmjbklZ
8. Klm^_gq_kdbc lmjbaf dZd kj_^kl\h ijb\e_q_gby klm^_glh dmevlmjhc

9. Aj_ ebsghklv ki fZkkg huo f_jhijbylbc dZd kj_^kl\h ij
klm^_glh\ d aZgylbyf nbabq_kdhc dmevlmjhc
 10. lmlb ^hklb`_gby nbabq_kdhc Zld b ggb q_kdhc hcb likbobq
ih^]hlh\ e_gghklb
 11. Hkgh\ u f_lh^bdb kZfhklhyl_evguo aZgylbc nbabq_k
hilbfZevgZy ^\b]ZI_evGZy Zdlb\ghklv nhjfu b kh^_j`Zgb
 12. KlZl bklbdZ b dhgljhev dZd dhfihg_glu wnn_dlb\gh]h
nbabq_k d h]kiblZgby
 13. Nhjfbjh\Zgb_ fhlb\Zpbb d aZgylbyf nbabq_kdhc dmevlmjhc
 14. DeZkkbnbdZpby b oZjZdl_jbklbdZ^ h j b abd m e v g m p g hf_jhijb
f_^b d b]b_gbq_kdb_ ijhp_^mju b dhgkmevlZpbb ih hj]
hl^uoZ e_q_[gu_ dZ[b g j Z i u b y n b a b h k_l h e_q_g b_ b ^j
b]jh\ u_ aZeu b iehsZ^db ieZ\ZI_evgu_ [Zkk_cgu \h^g
Zwjh[bdZ lmj bklbq_kdb_ f_jhijbylby ih^\h^gZy hohIZ b
b \bdlhjbg u ij_a_glZpbb ijZa^g bdb ihk^u b b g u j_ b]ju dhg
 15. Kh^_j`Zgb_ \hkkIZgh\bl_evguo f_jhijbylbc ijbgbpiu b
ijh_^_gby hdkb]_ghl_jZiby fZkkZ` [Zgb]bigha
ij_iZjZlu \blZfbgu b m b e j Z e v g u_ gZibldb \h^gu_]j
\ha^mrgu_ ijhp_^mju kheyjbb b ^j
 16. Hkh[_gghklb ijh_^_gby hba^d h j h e \ b l m j e v g u o f_jhijbylbc \
jZaebqgufb baf_g_gbyfb \ hj]Zgbaf_ ijb mom^r_gbb n
kgb`_gby jZ[hlhkihkh[ghklb ^bZ]ghklbdZ b ijhnbeZdlb
klZj_gby
 17. Jhev b agZq_gb_cnd m e v l m j h kihjIZ b lmjbafZ \ mkeh\
hlghr_gbc
 18. Ijhn_kkbhgZevguc b weblguc kihjl \ Jhkkbb b wdgh
g_h[oh^bfhklb bo jZa\blby
 19. ;bheh]bq_kdb_ jblfu b bo \ebygb_ gZ hj]Zgbaf q_eh_dZ
 20. Kihgkhjkl\h bg_klbpbb f_p_g Z i k k h [b k d h Z d j r k j k l \ h \ Z g
nbabq_kdhc dmevlmjhc kihjIZ b lmjbafZ
 21. Nbadmev_l m a j g h j h \ b l _ e v g u _ m k e m] b b l j _ [h \ Z g b y d b o h j] Z
 22. Hj]ZgbaZpby]hkm^Zjkl_ggh]h mijZ\ e_gby \ kn_j_ kihjIZ
- ДБВ В ВГБ**
1. Jhev nbabq_kdh]h \hkiblZgby \ k h h \ j f b r j h g Z g l h b Z g b b \ h e_
dZq_kl\ m aZgbfZxsboky nbabq_kdhc dmevlmjhc b kihj]h
 2. Hj]ZgbaZpby b kh^_j`Zgb_ jZ[hlu ih nbabq_kdhfm \hkib
eZ]_jyo
 3. <ebygb_ kihj]b\ghc ^_yl_evghklb gZ ikbobq_kdh_ k
dhee_dlb\Z F_l a m u g _ g b y b b d h j j _ d p b b
 4. Hkgh\ u ikbobq_kdh]h a^hjh\vy b ikbohkhfZl b q_kdZy
ijhnbeZdlbdZ g_\jhah\ Zmlh]_ggZy lj_gbjh\dZ kZfh\gm
 5. KhpbZe v i k b o h e h] b q _ k d b c n Z d l h j e b ^ _ j k l \ Z \ k i h j] b \ g h c d
 6. <ujZ[hldZ ikboheh]bb.ih[_^bl_ey
 7. ;hjv[Z kh kljZohf kj_^kl\Zfb nbabq_kdhc dmevlmjhc
 8. Hkh[_gghklb ikboheh]bq_kdh]h khklhygby ijb ih^]hlh
khj_gh\Zgbyf b _]h \ebygb_ gZ ih_^_gb_ klm^_glh\
:^ZilZpby d klj_kkh\uf kblmZpbyf b nbabq_kdbf gZ]jmadZ
 10. Khg kgh\b^_gby]biggh_a k g Z Z q e y aZgbfZxsboky nb
mijZ`g_gbyfb b kihj]hf
 11. Bkihevah\Zgb_ kh\j_f_gguo bggh\Zpbhgguo l_ogheh]
nbabq_kdhc dmevlmjhc

12. J_ZebaZpby ehhghg\Zggh]h h[mq_gby gZ aZgylb
dmevlmjhc \ \ma_
13. ljh]j_kkb\gu_ pbbp_ribabq_kdhc dmevlmju i_j_kljhcdZ
\hkiblZgby
14. Jhev ij_kku jZ^bh l_e_b^_gb_ i_qZlv \ jZa\blbb nba
b lmjbafZ
15. J_deZfgZy dhfiZgby \ hj]ZgbaZpbb b ijh_^_gbb kihjlb
f_jhijbylbc
16. >hibg]b \ kihjl^bagg bo jhev ;hvj[Z k ^hibg]hf
17. Nbabq_kdZy dmevlmjZ \ j_`bf_ `bag_^_yl_evghklb jZ[hlg
18. Jhev aZgylbc ih nbabq_kdhc dmevlmj_ \ jZa\blbb
kihkh[ghkl_c d jZaebqguf ijhn_kkbyf f_g_^`_j [bag
ke`zsbcb xjbkl b ^j
19. ljhnbZdlbdZ ijhn_kkbhgZevguo aZ[he_\Zgbc b ljZ\
nbabq_kdhc dmevlmju
20. Kihjlb\gZljbhqb_kdh_ \hkiblZgb_ dZd h^gh ba ijbhjb\
]hkm^Zjkl_gghc iheblbdb \kn_j_ nbabq_kdhc dmevlmju
21. >_yl_evghklv f_`^mgZjh^gh]h klm^_gq_kdh]h kihjlb\gh]h
22. F_`^mgZjh^gu_ klm^_gq_kdb_ khj_\gh\Zgby
23. Jhkkbckdbc klm^_gq_kdbc khxa b _]h \aZbfh^_ckl\b
kihjlb\gufb hj]ZgbaZpbyfb

з и мжвб вгУ а б У а б дги г дк 4гг вг4з

6.1. з и м вб вгУ4 б г б з У4 а аг дк 4гг вг4з

4вг 4 БД Dhfie_dk h[s_jZa\b\Zxsbo mijZ`g_gbc ijh\h^bl
mq_[ghf aZgylbb g_aZ\bkbfb hl_]h gZijZ\e_gghklb Klm^_gl
i_j_^mqc [gmiihc hp_gb\Z_lky dZd ij_ih^Z\Zl_e_f lZd b klm
\uklmiZxl ijZ\bevguc jZkkdZa ihdZa b kq_l agZgb_]bfgZkl

Hlebq\ghZql_gh klZ\blky _keb

Klm^_gl ^Z_l ijZ\bevgh_ hij_^_e_gb_ \uihegyZ_q]hl mijZ`g_
bkoh^gh_ iheh`_gb_ l_eZ

lhke_^h\Zl_evgh b ijZ\bevgh mdZau\Z_l gZ kh_jrZ_fu_ ^\
<uihegy_l ^\b`_gby ih^ kq_l kh]eZkh\Zggh]jhfdh b q_ldh

g_ ^himkdZ_l hrb[hd \]bfgZklbq_kdhc l_jfbgheh]bb

Ohjh\haZql_gh klZ\blky _keb

Klm^^Z_l ijZ\bevgh_ hij_^_e_gb_ \uihegy_fh]h mijZ`g_gby
bkoh^gh_ iheh`_gb_ l_eZ

G_fgh]h k[b\Zykv mdZau\Z_l gZ kh_jrZ_fu_ ^\b`_gby

GZ[ex^Zxlky g_agZqbl_evgu_ jZkkh]eZkh\Zgby \ ^\b`_gbyc

hrb[hd ijZdlbq_kdb g_l \ pkkfigZklbq\Zgdbbc l_jfbgheh]bb

m^h\e_l\hjb\aeZvql_gh klZ\blky _keb

ФГ У Г н 4а з в 4а ФД 4

	4 4Г й 4 4 з					4 4Г й 4 4 з						
	д и м	1	2	3	4	5	к м	1	2	3	4	5
1.	lh^ly]b\Zgb \bkZ gZ \uk i_j_deZ^bg d\h jZa	2	4	6	8	10	lh^ly]b\Zgb \bkZ e_`Z gbadhс i_j_deZ^bg \h jZa	3	6	9	11	15
	или ju\hd]bj d]-\d jZa	3	7	10	20	30	или k]b[Zgb_ jZa]b[Zgb_ mihj_ e_`Z ihem\hdjZa	3	5	7	9	13
2.	GZdehg \i_ klhy k ijyfu gh]Zfb gZ]bfgZklbq_ kdZf_cd_	1	3	5	7	11	GZdehg \i_ klhy k ijyf gh]Zfb gZ]bfgZklbq_ kdZf_cd_	2	4	6	8	13
3.	lju`hd \ ^e k f_klZ kf	170	180	190	200	210	lh^gbfZgb_ lmeh\bsZ b ih eh`_gby gZ kibg\h c jZa aZ fb	20	25	30	35	40

3 з 4 н 4а з в 4а ФД 4

	4 4Г й 4 4 з					4 4Г й 4 4 з								
	д и м	д бв	1	2	3	4	5	к м	д бв	1		2	3	4
1.	вГн klhy gZ k f_cd_ ^hklZlv jmdZfb d fh`gh gb mjh\gy g kf	1-3	2	6	10	12	16	вГн klhy gZ kdZf_cd ^hklZlv jmdZfb d fh`ghgb `_ mjh\g gh] kf	1-3	5	9	12	15	18
2.	4 Г ±i_j_^Zq iZj_ k	1	20	30	40	50	60	4 Г ±i_j_^Zc \ iZj_ k	1	20	30	40	50	60
	±gZ[b\Zg d\h jZa	2	15	20	30	40	50	±gZ[b\Zg d\h jZa	2	15	20	30	40	50
	±i_j_^Zq iZj_ k	3	40	50	80	90	100	±i_j_^Zc \ iZj_ k	3	40	50	80	90	100
3.	Г 4 а k]b[Zgb_ jZa]b[Zg jmd \ mi e_`Z jZa	1 2 3	4 5 7	6 8 9	8 10 14	10 12 16	12 15 20	б4к бди4 \ h[_ klhj k_d	1 2-3	20 40	30 50	40 70	50 80	60 90

дбв в вб

вГм в бГ У -г ж и в ФГ У
;Zkd_l[hæljZngu_ [jhkdb ba [jhkd\ \ ihiz^Zgby
[ZeeZ ihiz^Zgby

GZklhevguc l_gjjk\ iZj_ [_a ihl_jb fy_ Z k_d[ZeeZ
[Zeeh\ ihiz^Zgbc
[Zeeh\ k_d
[Zeeh\ k_d

4) ВГМ К И В ФГ У
В У 4а з в 4а Фд 4 <

	[_] df djm]b				кр			[_] df djm]b						
2.	±i_j_^Z qZ \ iZ k_d	1	20	30	40	50	60	± i_j_^Z \ iZjZo k_d	1	20	30	40	50	60
	±ih^Zq jZa	2	1	2	3	4	5	±ih^Zq jZa	2	1	2	3	4	5
	±i_j_^Z qb q a k_ldm k_d	3	20	30	40	50	60	±i_j_^Z qb q a k_ldm k_d	3	20	30	40	50	60
3.	<udjm \ aZ\bkb fhklb h ^ebgu kdZdZe kf	1-3	12 0	11 0	10 0	90	80	©<udjr a \ aZ\bkb fhklbl ^ebgu kdZdZe kf	1-3	12 0	11 0	10 0	90	80

ДБВ В ВГБ

5) ВГМ В БГ У -Г Ж И В ФГ У

<he_c[h_ej_^Zqb fyqZ \ iZjZo q_j_a k_ldm [_a _]h ihl_jb
[ZeeZ k_d
[ZeeZ k_d
[Zeeh\ k_d
GZklhevguc l_gg`kj`Zgb_ fyqZ \kijZgZijZ\h ke_gZe_h
[ZeeZ k_d
[ZeeZ k_d
[Zeeh\ k_d

6) ВГМ К И В ФГ У

В У 4а з в 4а Фд 4

	4 4г й 4 4 з					4 4г й 4 4 з						
	д и м	1	2	3	4	5	к м	1	2	3	4	5
1.	lh^ly]b\Zgb \bkZ gZ \ul i_j_deZ^bg d\h jZa	5	7	9	10	13	lh^ly]b\Zgb \bkZ gZ gb i_j_deZ^bg d\h jZa	5	7	10	15	20
	beb ju\hd] d]-\d jZa	5	10	20	30	40	beb k]b[Zg jZa]b[Zgb_ mihj_e`Z ihem\hd jZa	6	8	10	12	14
2.	GZdehg \i_ klhy k ijyfu gh]Zfb gZ]bfgZklbq_ kdZf_cd_	3	5	6	7	13	GZdehg \i_ klhy k ijyfu gh]Zfb gZ]bfgZklbq_ kdZf_cd_	6	7	8	11	16
3.	lju`hd \ ^e k f_klZf	195	205	215	230	240	lh^gbfZgb_ himkdZgb_	25	30	35	40	50

								l meh \ bsZ b						
								i heh ` _ gby						
								gZ kibg \ h c						
								jZa \ fb g						

Фг Уг н 4а з в 4а Фд 4

	4 4г					й 4 4 з					4 4г					й 4 4 з									
	д	и	м	1	2	3	4	5	к	м	1	2	3	4	5	к	м	1	2	3	4	5			
1.	lh^ly]b\Zgb_					3	5	7	9	10	lh^ly]b\Zgb_					3	5	7	10	15					
	\bkZ gZ \uk										\bkZ gZ gba														
	i_j_deZ^bg_										i_j_deZ^bg_														
	d\h jZa										d\h jZa														
	или ju\hd]bjb					5	7	10	20	30	или k]b[Zgb_					4	6	8	10	12					
	d] -\h jZa										jZa]b[Zgb_ j														
											mihj_ e_ `Z g														
											ihem \hdjZa														
2.	GZdehg \i_j					1	3	5	6	10	GZdehg \i_j					4	6	7	8	11					
	klhy k ijyfu										klhy k ijyfu														
	gh]Zfb gZ										gh]Zfb gZ														
]bfgZklbq_ k]bfgZklbq_ k														
	kdZf_cd_ k										kdZf_cd_ k														
3.	lju`hd \ ^eb					185	195	205	215	230	lh^gbfZgb_					20	25	30	35	40					
	f_klZ kf										himkdZgb_														
											l meh \ bsZ b														
											i heh ` _ gby e														
											gZ kibg \ h jZ														
											\ fb g														

3 з 4 н 4а з в 4а

	4 4г					й 4 4 з					4 4г					й 4 4 з											
	д	и	м	д	1	2	3	4	5	к	м	д	1	2	3	4	5	к	м	д	1	2	3	4	5		
1.	вн					1-3	2	6	10	12	16	вн					1-3	5	9	12	15	18					
	klhy gZ k											klhy gZ															
	f_cd_											kdZf_cd															
	^hklZlv											^hklZlv															
	jmdZfb d											jmdZfb d															
	fh`gh gb											fh`gh -gb															
	mjh\gy g											` _ mjh\g															
	kf											gh] kf															
2.	4 г					1	20	30	40	50	60	4 г					1	20	30	40	50	60					
	±i_j_^Zq											±i_j_^Zd															
	iZj_ k											\ iZj_ k															
	±gZ[b\Zg					2	15	20	30	40	50	±gZ[b\Zg					2	15	20	30	40	50					
	d\h jZa											d\h jZa															
	±i_j_^Zq					3	40	50	80	90	100	±i_j_^Zd					3	40	50	80	90	100					
	iZj_ k											\ iZj_ k															
3.	г 4 а					1	4	6	8	10	12	б4к					1	20	30	40	50	60					
	k]b[Zgb_					2	5	8	10	12	15	бди4 \					2-3	40	50	70	80	90					
	jZa]b[Zg					3	7	9	14	16	20	h[_ klhj															
	jmd \ mi											k_d															
	e_ `Z jZa																										

дбв в вб

(вгм в бг у -г ж и в фг у
;Zkd_l[h]hkbd dhevpm \ ^\b`_gbb ba ihiulhd
[ZeeZ ihiZ^Zgby
[ZeeZ ihiZ^Zgby
[Zeeh\ihiZ^Zgbc
GZklhevguc l_ggbk`Zgb_ fyqZ \ iZg_ZikZjZ\Z k_eZ_eZ\h
[ZeeZ k_d
[ZeeZ k_d
[Zeeh\ k_d

) вгм к и в фг у
в у 4а з в 4а бд 4

	4 4г й 4 4 з					4 4г й 4 4 з						
	д и м	1	2	3	4	5	к м	1	2	3	4	5
1.	;_] gZ f k_d	15.7	15.4	15,1	14,8	13,5	;_] gZ f k_d	18.5	18.0	17,5	17,0	16,5
2.	;_] gZ f fbg k	15.0 0	14.3 0	14,0 0	13,3 0	12,3 0	;_] gZ f fbg k_d	12.1 5	11.5 5	11,3 5	11,1 5	10,3 0
3.	Ba ihef `_gby \bkZ ih^t_f gh] ^h dZkZgb i_j_deZ gu dh jZa	2	3	5	7	9	lju`hd \ ^ebg k f_kl kf	150	160	170	180	195

фг у г н 4а з в 4а бд 4

	4 4г й 4 4 з					4 4г й 4 4 з						
	д и м	1	2	3	4	5	к м	1	2	3	4	5
1.	;_] gZ f k_d	16.0	15.7	15,4	15,1	14,8	;_] gZ f k_d	19.0	18.5	18,0	17,5	17,0
2.	;_] gZ f fbg k	15,3 0	15.0 0	14,3 0	14,0 0	13,3 0	;_] gZ f fbg k_d	12,3 0	12,1 5	11,5 5	11,3 5	11,1 5
3.	Ba ihef `_gby \bkZ ih^t_f gh] d i_j_deZ g_-dh	1	2	3	5	7	lju`hd \ ^ebg f_klZ kf	140	150	160	170	180

\h jZa													
--------	--	--	--	--	--	--	--	--	--	--	--	--	--

3 з 4 н 4а з в 4а Фд 4

	4 4Г й 4 4 з							4 4Г й 4 4 з						
	д и м	д б в	1	2	3	4	5	к м	д б в	1	2	3	4	5
1.	вг д б4 oh^v[Z [_] df djm]b	1-3	1.5 4.0 dj	1.8 4.8 кр	2.2 6,0 кр	2.5 6,8 кр	2.7 7.3 кр	вг д б4 oh^v[Z [_] df djm]b	1-3	1.3 3,5 кр	1,6 4,3 кр	1,9 5,1 кр	2,1 5,7 кр	2,3 6,2 кр
2.	±i_j_^Z qZ \ iZ k_d	1	20	30	40	50	60	± i_j_^Z \ iZjZo k_d	1	20	30	40	50	60
	±ih^Zq jZa	2	1	2	3	4	5	±ih^Zq jZa	2	1	2	3	4	5
	±i_j_^Z qb q a k_ldm k_d	3	20	30	40	50	60	±i_j_^Z qb q a k_ldm k_d	3	20	30	40	50	60
3.	<udjm \ aZ\bkb fhklb h ^ebgu kdZdZe kf	1-3	12 0	11 0	10 0	90	80	©<udjr a \ aZ\bkb fhklb h ^ebgu kdZdZe kf	1-3	12 0	11 0	10 0	90	80

дбв в вб

9) вгм в бг у -г ж и в Фг у

GZklhevguc l_ggbZklb_ \ khj_\gh\Zgbyo gZ i_j_gkl\h mq
mqZklb_ \ khj_\gh\Zgbyo klm^_glZf gZqbkeyxlky [Zeeu \ a
l_j_u_ f_жI[Zeeh\ Z ^Zevr_ \ aZ\bkbq hklbZhklm^_gh\ \ m
]jmii_

lh^\b`gu_ bljjh_^_gb_ ^\mo b]j \ mq_[ghc]jmii_
<he_c[hmqZklb_ \ khj_\gh\Zgbyo gZ i_j_gkl\h mq_[guo
km^_ckl\h khj_\gh\Zgbc

10) вгм к и в Фг у

в у 4а з в 4а Фд 4

	4 4Г й 4 4 з							4 4Г й 4 4 з						
	д и м	1	2	3	4	5	к м	1	2	3	4	5		
1.	lh^ly]b\Zgb \bkZ gZ \ul i_j_deZ^bg d\h jZa	5	7	9	10	13	lh^ly]b\Zgb \bkZ gZ gb i_j_deZ^bg d\h jZa	5	7	10	15	20		

2.	4 r ±i_j_^Zq iZj_ k	1	20	30	40	50	60	4 r ±i_j_^Zq iZj_ k	1	20	30	40	50	60
	±gZ[b\Zg d\h jZa	2	15	20	30	40	50	±gZ[b\Zg d\h jZa	2	15	20	30	40	50
	±i_j_^Zq iZj_ k	3	40	50	80	90	10 0	±i_j_^Zq iZj_ k	3	40	50	80	90	100
3.	г 4 a k]b[Zgb_ jZa]b[Zg jmd \ mi e_`Z jZa	1	4	6	8	10	12	б4к	1 2-3	20	30	40	50	60
		2	5	8	10	12	15	бди4 \						
		3	7	9	14	16	20	h[_ klhj k_d						

Klm^_glu ihghklvx beb \j_f_ggh hk\h[h`^_ggu_ hl ijZ
 nbabq_kdhc dmevlmj_ b kihjlm kZfhklhyl_evgh jZ[hIZxl
 hij_^_e_gghc ij_ih^Z\ZI_e_f b aZsbsZxl_]h gZ aZq_l_
 б у4 а 4 в4 п б б4г4
 J_n_jZlhl eZlbgk«dferh» ± ^hdeZ^u\Zlv khh[sZlk evrZy
 ibkvf_ggZy jZ[hIZ gZyk\h sj_g_e_gghc l_f_ h[ahjm bk-lh qgbd
 gZijZ\e_gbx H[uqgh p_evx j_n±kZ hZ b\eyb_klk_yZlbaZpby agZ
 dhgdÿ_lagZf h@ahj g&@ hg gbc ibk!6@b_n_jZcglu

< ijbeh`_gby fh]ml [ulv \dexq_gu
 fZI_jbZeu ^hihegyxsb_ j_n_jZI
 lZ[ebpul\kihfh]ZI_evguo pbnjh\uo ^Zgguo
 beexkljZpbb \kihfh]ZI_evgh]h oZjZdl_jZ
 ^jm]b_ ^hdmf_glu
 lJZ\beZ hnhjfe_gby j_n_jZIZ
 J_n_jZI ^he`_g [ulv \uiheg_g fZrbghibkguf kihkh[hf gZ
 [_ehc [mfZ]b q_j_a ihelhjZ bgl_j\ZeZ b rjbnlhf
 L_dkl j_n_jZIZ ke^m_l i_qZIZlv kh[ex^Zy ke^mgxsb_ j
 f_g__ ff ijZ\hf_g__ ff \gjb_gg__ ff gb`g_f_g__ ff
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5. L_hjby b f_lh^bdZ ba[jZggh]h \b^Z kihjlZ mq_[gh_ ihk AZ\vyeh\Z >b ^j @ ih^ j^Zdpb^c2-K b^a^Rbbkigk dFhkd\Z Ba^ZI_evkl\h XjZcl k² Mgb_jkb_lu Jh ISBN 978-5-534-07551-9. ² L_dkl we_dljhguc W;K XjZcl URL: <https://biblio-online.ru/bcode/438824>
6. YfZe_l^bgh\Z = : l_^Z]h]bdZ nbabq_kdhc dmevlmju b ^ey ZdZ^_fbq_kdh]h [ZdZeZ\j b Zl^_l^bgh\Z ih^ gZmqghc j_?jdhfZcr\b^bFhkd\Z Ba^ZI_evkl\h XjZcl k² Mgb_jkb_lu Jh ISBN 978-5-534-05600-6. ² L_dkl we_dljhguc W;K XjZcl >k URL: <https://biblio-online.ru/bcode/441686>

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3. Жданкина, Е. Ф. Nbabq_kdZy dmevlmjZ Eu`gZy ih^]hlh\dB n \mah\ ? N @ BZgfbgZ[jugbg ih^ gZmqghc j_^Zdpb^c K Fhkd\Z Ba^ZI_evkl\h XjZcl ?\chZIMjZg[\zr]g Bk^a Mgb_jkb_lu Jh ISBN 978-5-534-10153-5-1996-1903- Ba^h MjZe_lZm^g L_dkl we_dljhguc W;K XjZcl URL: <https://biblio-online.ru/bcode/429446>
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5. Замараев, В. А. :gZlhfby mq_[gh_ ihkh[b_ ^ey \mah\ ^_ka^: A bkij b ^hFhkd\Z Ba^ZI_evkl\h XjZcl k² Mgb_jkb_lu Jh ISBN 978-5-534-07276-1. ² L_dkl we_dljhguc W;K XjZcl >kZcl @ URL: <https://biblio-online.ru/bcode/437343>
6. Иванков, Ч. Т. L_ogheh]by nbabq_kdh]h \hkibIZgby \ \ukrbo m Q L B\Zgdh\ K : ^_b_l\ba^hFhkd\Z Ba^ZI_evkl\h XjZcl k² Mgb_jkb_lu Jh ISBN 978-5-534-11441-6. ² L_dkl we_dljhguc XjZcl >kZcl URL: <https://biblio-online.ru/bcode/445290>
7. Серова, Л. К. Kihjlb\gZy ikboheh]by ijhn_kkbhgZevguc hl[hj ihkh[b_ ^ey \mah\ E^ D_ Ka^h\Zbkij ^b Fhkd\Z Ba^ZI_evkl\h XjZcl k² Mgb_jkb_lu Jh ISBN 978-5-534-06393-6. ² L_dkl we_dljhguc XjZcl W;K kZcl URL: <https://biblio-online.ru/bcode/438412>
8. Kihjlb\gZy f_ljheh]by mq_[gbd ^ey \mah\ < < :nZgZ FmjZ\v_ l < FboZceh\ hl_lkl^_gucnZgZevguc h\ba^ bkij ^hi^ Fhkd\Z Ba^ZI_evkl\h XjZcl k² Mgb_jkb_lu Jh ISBN 978-5-534-07484-0. ² L_dkl we_dljhguc W;K XjZcl URL: <https://biblio-online.ru/bcode/437252>

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