F b g b k l _ j k l \ h g Z m d b b \ u k r _] h h [j Z a h \ Z g b y J h k k b c k d h
N _ ^ _ j Z e v g h _] h k m ^ Z j k l \ _ g g h _ [x ^ ` _ l g h _ h [j Z a h \ Z l _ e v g
\ u k r _] h h [j Z a h \ Z g b y
© K f h e _ g k d b c] h k m ^ Z j k l \ _ g g u c m g b \ _ j k b l _ l ª

D Z n _ ^ j Z f _ g _ ^ ` f _ g l Z

l j h j _ d l h j i h m q _ [g h
f _ l h ^ b q _ k j Z [h c l _
_____ X : M k l b f _ g d h
© ª b x g y 2022]

t O ɜ ɪ s u O ʸ f t ɑ s c t e O d z ɜ O ⊣ q f m q [f ʃ d z [d z
ɹ 1 . I . I . 1 1 ⊣ l s t e O l s j c ɑ [u j f ɜ q [⊣ d z ɜ j d z ɜ ⊣ q d z ɜ d s

G Z i j Z \ e _ g b _ i h ^] h l h \ d b F _ g _ ^ ` f _ g l
G Z i j Z \ e _ g g h k l v i j h j Z a h \ Z l _ e v g h c i j h] j Z f f u l j h b a \ h ^ k l \ _ g g u c
f _ g _ ^ ` f _ g l
N h j f Z h [m q _ a Z b h y q g Z y
D m j k 4 ±
K _ f _ k l 7 , 8 ±
< k _] h a Z q _ l g u o _ ^ d Z g k b 2 0 \ 6 ±
E _ d p b b ± q Z k h \
I j Z d l b q _ k d b _ a Z g y l Z b k y h \ ±
K Z f h k l h y l _ e v g Z y j Z [h Z k Z ±
N h j f Z h l q _ l g h k l b a Z f q _ k l j ± w d a Z f f g k ± j

I j h] j Z f f Z k h k l Z \ e _ g Z g Z h < k g h i h _ g N Z ± j Z K e _ g b x i h ^] h l h \ d b
F _ g _ ^ ` f _ g l

I j h] j Z f f m j Z a j Z [h l Z e
d Z g ^ b ^ Z l w d h g h f b q _ k d b o g Z m d ^ h p _ g l L < > Z \ u ^ h \ Z

H ^ h [j _ g Z g Z a Z k _ ^ Z g b b d Z n _ ^ j u f _ g _ ^ ` f _ g l Z
@ 4 ª b x g y 2 2] i j h l h d 1 4 e ‹

K f h e _ g k d
2022

- gZ\udZfb ijbgylby k[ZeZgkbjh\Zgguo nmgdpbhgZevguo k

3. ш tsчjtэчlOdkzj чnqfnqqfjdzqz

эjdэO1. ш lstcOlsjc^qfujffsqf? djdэчnчldэjdsї Oчlszdz dчOv dчdzчOlzfjtcOэdjdчqw

lhgylb_ kljZl_]bb kljZl_]bq_kdh]h mijZ\e_gby ljbqbgu \hagbdgh mijZ\e_gby \ Jhkkbb JZaebqby kljZl_]bq_kdh]h b hi_jZlb\gl kljZl_]bq_kdh]h mijZ\e_gby ih B :gkhnnm Hkgh\guv_gu_kh[_ iheh`_gby kljZl_]bb

эjdэO2. ʕ эtsdz чqqw dчOlzuqdz ⁻ эlc^dzv чtsэ tsfhjstcOlsjc^qfujffsqtsdэlzfjtcOэdjdzqfq

Hkgh\gu_ gZmqgu_ rdheu]h^h\ rdheZ ©^baZcgZª ©kljZl_]bq_kdh]h ieZgbjh\Zgbyª GZmqgguc \deZ^ djblb ihabpbhgbjh\Zgby >hklh_bgkl ZZdb lg_hjbb RdheZ ij_^ijbgbf HibkZl_evgu_ rdheu rdheZ \eZklb rdheZ h[mq_gby b rdhe rdheZ RdheZ dhgnb]mjZpbb

эjdэO3. ʌ tsdэjfjtcэOlzfj fhjstcOlsjc^qfujffsqf⁻ чjdчqf? qfhjstcOlsjc^qfq tfjtcчnfjtcqwlsqw

Fbkkby b bfb^` hj]Zgba Zpbjbkl bodZoZ JZZd\lb_eZ nhjfmebjh fbkkbb OZjZdl_jbklbdZ p_e_c hj]ZgbaZpbb Nhjfbjh\Zgb_ DeZkkbnbdZpby p_e_c kljZl_]bq_kdh]h mijZ\e_gby F_lh^u kljZl_]bq_kdh]h mijZ\e_gby bo agZq_gb_

эjdэO4. ш lstcOlsjc^qfujffsqf? OlzOlzfL эdjh dчqf? qfэdzlstcчdzчqf? fhjstcчr

ljhp_kk kljZl_]bq_kdh]h mijZ\e_gby b _]h hkgh\gu_ wl aZ^Zqb ZgZebaZ kj_^u ij_^ijbylby FZdjhkj_^Z __ oZjZ dhfihg_glu >_eh\Zy kj_^Z __ dhfihg_glu :gZebaZ\gjbkl_bgdZ_c F_lh^u ZgZebaZ kj_^u

эjdэO5. ш lstcOlsjc^qfqw qftcdzqf⁻ fhjh dчsfhjr qfчdzOffhjqw qfчOuqfw

Dexq_\u_ oZjZdl_jbklbdb wnn_dlb\ghc kljZl_]bb ;Zah\u_ KljZl_]bb ^hklb`_gby dhgdmj_glguo ij_bfms_kl\ Hkh[_gghk kj_^gbo fnbjKljZl_]bb jZa\blby nbjf fZeh]h [bag_kZ HljZk Nmgdpbhgevgu_ kljZl_]bb

эjdэO6. ш lstcOlsjc^qfw tftcjчnfjtcqwlsqw qftcdzcOlzfLOuqftcdzdzOv fhjstcчzчlszteO

JZajZ[hldZ hj]ZgbaZpbhgghc kljmdlmju \ khhl_lkl\bb hj]ZgbaZpbhgghc kljmdlmjZ hj]ZgbaZpbhgguo kljmdlmj bo ^h g_^hklZldb ^_p_gljZebah\ZggZy kljmdlmjZ kljmdlmjZ j_]bhgZevgZy kljmdlmjZ K_l_\u_ nhjfu hj]ZgbaZpbb [bag_k mijZ\e_gby

эjdэO7. ɪ tdtsfLэtsчhjsэjdzz j fhjstcOlsjc^qfqf tftcjчnfjtcqwlsqw

KljZl_]bq_kdbc \u[hj \ mkeh\byo h]jZgbq_gghklb j_kmjkh \ mkeh\byo h]jZgbq_ggh]h kijhkZ <u[hj kljZl_]bb \ aZ\bkbf pbdeZ \uimkdZ_fhc ijh^mdpbb <u[hj kljZl_]bq_kdbo ohayc ijhba\h^klhZ[eZklb Zkkhjlbf_glZ

эjdэO8. ш lstcOlsjc^qfq lzfjtcэOdjdчqw ʕ tsdчzlzqjdчsdz dзtfsksjdчqfOlzsdзtstcOlzfLOuqfqf

Dhgdmj_glgh_ ij_bfчmsj_kZ\xsbc nZdlhj kljZl_]bq_kdh]h ij_^ijbylby F_lh^u mijZ\e_gby dhgdmj_glguf ihl_gpbZ ;_gqfZjdbg] <b^u b_gvqlfZijudbg]Z Dhgdmj_glgu_ kljZl_]b

^hklb`_gby dhgdmj_glgh]h ij_bfms_kl\Z H[sZy dhgdmj_g
dhgdmj_glguo kbe FZljbpZ dhgdmj_glguo ij_bfms_kl\ Fh^_
Kh^_j`Zgb_ b hkgh\gu_ ijbgpbiu kljZl_]bc ij_^ijbylby

σjdȝO9. ɪ tsdsʷjdz dz j fhjstcOsjc[q[tstcOdz[LOuq[q[

Ihjln_evgu_ kljZl_]bb FZljbpZ ;DE=MK FZKljbZpdZ]bb jhklZ
FZljbpZ B :gkhnnZ FZljbpZ \g_rgbo ijbh[j_l_gbc Gh\Zy fZl

σjdȝO10. ʀ dzdtsɔOuq[tsdzʷ j q[q[dzj fhjs[uq[tsdzʷ j fhjstcOsjc[q[dzO[tsq[tstcOsq[ɔdtsdȝ lztcɔdȝ

Ihgylb_ b \b^u bggh\Zpbhgguo kljZl_]bc Lbiu bggh\Z
nbjf Ki_pbnbdZ jhkkbckdbo bggh\Zpbhgguo kljZl_]bc Ihke
j_ZebaZpbb bggh\Zpbhgghc kljZl_]bb Ihgkfbkebbgv\dhkghpbq
Bg_klbpbhggZy kljZl_]by ij_^ijbylby __ k\yav k h[s_c dhjihj

σjdȝO11. ʉ lstcOsjc[ʷ ɔdȝh dȝɻ[tsdtsȝq[ujfȝq[ɔ2 ʉjʷsjdz dtsfhjs[tjtcjʉq[tc[ʷsq[ʷ

KljZl_]by f_`^mgZjh^gh]h jZa\blby nbjfu P_eb b nhjf
jZa\blby WlZiu phjhZggha]Z jZa\blby ljyfhc g_ijyfhc wdkihjl
aZjm[_`guo jugdZo JZajZ[hldZ kljZl_]bb ij_^ijbylby jZ[hlZx
KljZl_]bb ijbf_gy_fu_ ijb \uoh^_ gZ \g_rgbc jughd b
ij_bfms_kl\Z b g_^hklZldb

σjdȝO12. ʌ tstcɔ[tcɔ Odtq[j fhjstcOsjc[ujfȝq[ɔ2 Odz sjtcdOsq[ɔ q[fhjstcOsjc[ujfȝq[ɔ2 ɔr ʁtstc

Ihgylb_ b lbiu kljZl_]bq_kdbo Zevl_jgZlb\ ljhp_kk jZaj
Zevl_jgZlb\ F_lh^u jZajZ[hldb kljZl_]bq_kdbo kZe^vkl\jggZgb\
f_lh^u wdkljZiheypbhggu_ f_bh^ueZk[bevgkubo]gZeh\ km[t_d
lh^oh^u d nhjfbjh\Zgbx kljZl_]bq_kdbo Zevl_jgZlb\ Dhgdm
ih^oh^ KljZl_]bq_kdbc ih^oh^ gZ hkgh_ jZajZ[hldb kp_gZjl
gZ hkgh_ fh^_ebjh\Zgby KljZl_]bq_kdbc hajh^oh^h grZmjhZg
KljZl_]bq_kdbc ih^oh^ ±©dhkgdmjuggdZgZy ihabpby nbjfuª KljZ
ih^oh^ gZ hkgh_ jSWaOTe±ZlgZZke\baZ :f[bpbhaguc kljZl_]bq_kdb

σjdȝO13. ʉ lstcOsjc[ujfȝq[ɔ tsj tjdzOdq[tcɔ Odzq[j, tsjOdzq[LOuq[ʷ fhjstcOsjc[q[, tsjdȝ£Oq[ɻtsdȝstcɔdz

F_klh kljZl_]bq_kdh]h ieZgbjh\Zgby \ mijZ\e_gbb l
kljZl_]bq_kdh]h ieZgbjh\Zgby KljZl_]bq_kdbc i±ieZgZg_]dhZklj
we_f_gl kljZl_]bq_kdh]h ieZgbjh\Zgby Hkgh\gu_ wlZiu pb
ih^oh^Z d j_ZebaZpbb kljZ\g_gb_ ih^oh^h\ Hp_gdZ j_amev
kljZl_]bb MijZ\e_gb_ ijhp_kkhf j_ZebaZpbb kljZl_]b
Wnn_dlb\ghklv kljZl_]bq_kdh]h f_g_^`f_glZ Kmsghklv kljZl_
Ihgylb_ dhgljhey OZjZdl_jbklbhdbdhwghjh_dyb\gHp[sZy ko_fZ ij
dhgljhey KljZl_]bq_kdbc dhgljhev

4. σjdȝOlsq[ujfȝq[ɔ2 tjdzOdz

‹ i i	JZa^_eu b l_fu	<k_] qZkl	Nhjfu aZgylbc		
			e_dp	ijZdlb±q_ db_ aZg	kZfhkl-hy l_evgZ jZ[hlZ
7 fjdȝfhjstc					
1.	**t Oɻjdz1. σjtstcjsq[ujfȝq[j tsfhjstcɔr fhjstcOsjc[ujfȝq[ɔ tsdȝ ȝ ʉ[ȝdsO**	**72**	**8**	**4**	**60**

2.	L_fZ KljZl_]bq_kdbc ±ZdlmZevgZy gZmdZ mij	12	2	-	10
3.	L_fZ W\hexpby gZmq(h kljZl_]bq_kdhf mijZ\e	10	-	-	10
4.	L_fZ Nhjfbjh\Zgb_ kljZl_]bq_kdbo p_e_c b ij_^ijbylby	12	2	-	10
5.	L_fZ KljZl_]bq_kdbc \g_rg_c b \gmlj_gg_c kj	14	2	2	10
6.	L_fZ KljZl_]bb nbjf b b deZkkbnbdZpby	14	2	2	10
7.	L_fZ KljZl_]by ij_^ijb hj]ZgbaZpbhggZy kljmdl	10	-	-	10
8.	**t Ou jdz2. .I qHr fhstcOsjcq? tcOe qlsqw tstcOdqLOuqqf**	**82**	**8**	**8**	**66**
9.	L_fZ ljhba\h^kl_ggu_ ij_^ijbylby	12	2	2	8
10.	L_fZ KljZl_]bb mijZ\e dhgdmj_glguf ihl_gpbZe hj]ZgbaZpbb	8	-	-	8
11.	L_fZ lhjln_evgu_ kljZ hj]ZgbaZpbb	12	2	-	10
	l Ouj ls	4			4
		8 fjdzjfhstc			
12.	L_fZ B Zgb hggu_ b bg_klbpbhggu_ kljZl_]b dhjihjZlb\ghf mjh\g_	24	2	2	20
13.	L_fZ KljZl_]by \g_rg_wdhghfbq_kdhc ^ ij_^ijbylby	26	2	4	20
14.	**t Ou jdz3. oj dsdtscqw tcOtcOstsscf, tej Odqf LOuqfqf qf tsuj df qf ltwwj sqfs dsfhsqf fhstcOsjcqfqf**	**49**	**4**	**-**	**45**
15.	L_fZ Nhjfbjh\Zgb_ kljZl_]bq_kdbo Zevl_jgZ kljZl_]bq_kdbc \u[hj	22	2	-	20
16.	L_fZ KljZl_]l ieZgbjh\Zgb_ j_ZebaZp hp_gdZ b dhgljhev	27	2	-	25
	f f LOdjdz	**9**	**-**	**-**	**9**
R ls tscts		**216**	**20**	**12**	**184**

5. J cfr lzujвdts2 нj wlsjdz dtsfhjsc
∫ ʗ ʂ ʎ R R
7 fjjdzjfhjstc

σjdzO1. н lstcOlsjc@fujffzc2 dzjdzн|dzjdzls ï Ol lszOlz dtsw dtOlzt= Olzjftc©ɔdzjdtsw (2 ujCfhO).

∫ j≥ujfw 1.

1. Ihgylb_ kljZl_]bb kljZl_]bq_kdh]h mijZ\e_gby b f_g_^`f_glZ
2. W\hexpby kljZl_]bq_kdh]h mijZ\e_gby
3. Ijbqbgu \hagbdgh_gby kljZl_]bq_kdh]h mijZ\e_gby \ J
4. JZaebqby kljZl_]bq_kdh]h b hi_jZlb\gh]h \b^h\ mijZ\e
5. Hkgh\gu_ hkh[_gghklb b dhgp_ilmZevgu_ iheh`_gby kl

σjdzO3. ∧ tstcdzjftcts©Olzt=j fhjstcOlsjc@fujffzc2 ujdzj= cf fhjstcOlsjc@fcf tfjtzjнfjtcfwlsfw (2 ujCfhO).

∫ j≥ujfw 2.

1. Kmsghklv \b^_gby hj]ZgbaZpb`bZ fbbdkcbZbjZbdlb_fjbb^klbdZ
2. IjZ\beZ nhjfmebjh\Zgby \b^_gby b fbkkbb
3. OZjZdl_jbklbdZ p_e_c SMJZTg=bZgZZpebba
4. Nhjfbjh\Zgb_ kljZl_]bq_kdbo p_e_c DeZkkbnbdZpby mijZ\e_gby
5. F_lh^u mijZ\e_gby ih p_eyf
6. F_lh^bdZ ©>_j_\h p_e_cª

σjdzO4. н lstcOlsjc@fujffzc2 Olzt=dtzfL ɔdzjh dzj= cf ɔdtzlstcjdtzj= fujнr (2 ujCfhO).

∫ j≥ujfw 3.

1. Kljmdlmjz p_eb b aZ^Zqb ZgZebaZ kj_^u ij_^ijbylby
2. FZdjhkj_^Z __ oZjZdl_jbklbdZ b hkgPESTgZug_ZebbfaihgЗ_glu
3. >_eh\Zy kj_^Z __ dhfihg_glu
4. :gZeba \gmlj_gg_c Zkjj_dlu_jb_k_lbdZ
5. F_lh^u ZgZebaZ kj_^u

σjdzO5. н lstcOlsjc@fcf ww cftcdzjc2 fhjw dtsfhjsr cf≥ dzOfhjqfww cf≥ Olqfw (2 ujCfhO).

∫ j≥ujfw 4.

1. Dexq_\u_ oZjZdl_jbklbdb wnn_dlb\ghc kljZl_]bb
2. ;Zah\u_ wlZehggu_ kljZl_]bb
3. KljZl_]bb ^hklb`_gby dhgdmj_glguo ij_bfms_kl\
4. Hkh[_gghklb]kbcjZdlj_miguo b kj_^gbo nbjf
5. KljZl_]bb jZa\blby nbjf fZeh]h [bag_kZ
6. HljZke_\u_ kljZl_]bb
7. Nmgdpbhgzevgu_ kljZl_]bb

σjdzO7. ɻ tcsfLɔtsнfhjsɔjdzdz j fhjstcOlsjc@fcf tfjtzjнfjtcfwlsfw (2 ujCfhO).

∫ j≥ujfw 5.

1. KljZl_]bq_kdbc \u[hj \ mkeh\byo h]jZgbq_gghklb j_kmj
2. KljZl_]bdqb_ck \u[hj \ mkeh\byo h]jZgbq_ggh]h kijhkZ
3. <u[hj kljZl_]bb \ aZ\bkbfhklb hl wlZiZ `bag_ggh]h ijh^mdpbb
4. <u[hj kljZl_]bq_kdbo ohayckl_gguo ahg
5. KljZl_]bb ijhba\h^kl\Z \ h[eZklb Zkkhjlbf_glZ

σjdȝO9. ɪ tstdsʷjdz dz j fhjstɶOsjɕɑ[q tstɶOlz[ʟOuq[q (2 ч[Ofhȝ).

ʃ j‡ч[qʷ 6.

1. lhgylb_ kmsghklv b hkh[_gghklb ihkljh_gby ihjlm hj]ZgbaZpbb
2. FZljbpZ ;D=
3. FZljbpZ GZ/MK.
4. Kljl_]bb jhklZ FZljbpZ B :gkhnnZ
5. FZljbpZ \g_rgbo ijbh[j_l_gbc
6. H[sZy dhgdmj_glgZy fZljbpZ

8 fjdȝjfhjstɕ

σjdȝO10. ʀ dzdtsɔOuq[tsdzdz j q[q[dɶjfhjs[uq[tsdzdz j fhjstɶOsjɕɑ[q[dzO‡tstɶ[tstɶOlsq[ɔdzsdȝ lztetɔdj (2 ч[Ofhȝ).

ʃ j‡ч[qʷ 7.

План

1. lhgylb_ b \b^u bggh\Zpbhgguo kljZl_]bc
2. Lbiu bggh\Zpbhggh]h ih_^_gby nbjf
3. Ki_pbnbdZ jhkkbckdbo bggh\Zpbhgguo kljZl_]bc
4. lhgylb_ b wdhghfbq_kdbc kfuke bg_klbpbc
5. Bg_klhmghgZy kljZl_]by ij_^ijbylby __ k\yav k h[s_c kljZl_]b_c

σjdȝO11. ʉ lstɶOlsjɕɑ[qʷ ɔdȝʰ dȝɻ‡tstdsdȝ[ʉjfȝ ts2 нjʷlsjdz dzsfhsɑ[tʃtɕjнʃtɑ[qʷlsɑ[qʷ (2 ч[Ofhȝ).

ʃ j‡ч[qʷ 8.

План

1. Kljl_]by f_`^mgZjh^gh]h jZa\blby nbjfu
2. P_eb b nhjfu f_`^mgZjh^gh]h jZa\blby hgWghZihu jhZjaZhglbayZ
3. ljyfhc g_ijyfhc wdkihjl
4. ljhba\h^kl\h gZ aZjm[_`guo jugdZo
5. JZajZ[hldZ kljZl_]bb ij_^ijbylby jZ[hlZxs_]h gZ \g_rg_
6. Kljl_]bb ijbf_gy_fu_ ijb \uoh^_ gZ \g_rgbc jughd ij_bfms_kl\Z b g_^hklZldb

σjdȝO12. ʌ tstdȝ[tɔsɔOlzɑ[j fhjstɶOsjɕɑ[qʃujfȝ q[‾ Olz lsjtɶdzOlsɑ[ɔ q[fhjstɶOsjɕɑ[qʃujfȝ q[‡ ɔʳ вtstɕ (2 ч[Ofhȝ).

ʃ j‡ч[qʷ 9.

План

1. lhgylb_ b lbiu kljZl_]bq_kdbo Zevl_jgZlb\
2. ljhp_kk jZajZ[hldb kljZl_]bq_kdbo Zevl_jgZlb\
3. F_lh^u jZajZ[hldb kljZl_]bq_kdbo Zevkejg^Zklb_ggjub_c f_lh^u wdkljZiheypbhggu_ f_lh^u kbevguo b kez km[t_dlb\gu_
4. lh^oh^u d nhjfbjh\Zgbx kljZl_]bq_kdbo Zevl_jgZlb\
5. Dhgdmj_glguc kljZl_]bq_kdbc ih^oh^
6. Kljl_]bq_kdbc ih^oh^ gZ hkgh_ jZajZ[hldb kp_gZjb
7. Kljl_]bq_kdbc ih^oh^ gZ hkghh_ fh^_ebjh\Zg
8. Kljl_]bq_kdbc ih^oh^ gZ hkgh_ fha]h\h]h rlmjfZ
9. Kljl_]bq_kdbc ih^oh^ ±©ljhmkdmjju_ggdlZZy ihabpby nbjfu
10. Kljl_]bq_kdbc ih^oh^ gZ hkgWO1T_ ±jZ_gZnebvaZlh\
11. :f[bpbhaguc kljZl_]bq_kdbc ih^oh^

σjdȝO13. ʉ lstɶOlsjɕɑ[qʃujfȝ tsj tʃdzOlz[tɔsɔOlzɑ[j, tsjɕOlz[uOuq[ʷ fhjstɶOlsjɕɑ[q[, tsujdȝ Oq[

Ç tsdlstcsdz (2 ч Cfq).

Ѓ j Ç чqf[w 10.

План

1. F_klh kljZl_]bq_kdh]h ieZgbjh\Zgby \ mijZ\e_gbb kljZl_]bq_kdh]h ieZgbjh\Zgby
2. KljZl_]bq_kdbc ieZg _]h kljZl_]bq_kdbc ieZgbjhb\Zg
3. Hkgh\gu_ wlZiu pbdeZ j_ZebaZpbb kljZl_]bb
4. <u[hj ih^oh^Z d j_ZebaZpbb kljZl_]bb KjZ\g_gb_ ih^o
5. MijZ\e_gb_ ijhp_kkhf j_ZebaZpbb kljZl_]bq_kdbo baf_
6. Wnn_dlb\ghklv kljZl_]bq_kdh]h f_g_^`f_glZ Kmsgh wnn_dlb\ghklb
7. Ihgylb_ dhgljhey OZjZdl_jbklbdb wnn_dlb\gh]h dhg ijhp_kkZ dhgljhey KljZl_]bq_kdbc dhgljhev

Ч tЋ Ф Ѕ ъ R Ч ъ Ѕ R ъ Ч Ф Ч ъ R ъ
7 fjgdjfhstc
ъ j d Ѕ Ф 4. ч l s t c Ч l j c ъ f u j f Ѕ ъ q Ѓ 2 Ч d Ч ъ q [L ə d j h d j Ѓ q [ə d Ѕ l s t j d j Ѓ fѕ j ч r
Ч tcЧ l s [u j f Ѕ ъ s j L Ч d Ѕ l s [j - 2 ч Cfq

Ч Ч d Ч ъ j 1.

Ihkljhcl_ ljfbZpmPEST-ZgZebaZ k mq_lhf keh`b\r_cky k fZdjhwdhghfbd_ \ Jhkkbb gZ k_]h^gyrgbc ^_gv Hl_l h[hkgh

Ч Ч d Ч ъ j 2.

Ihkljhcl_ fZljbvjmPEST-ZgZebaZ gZ ijbf_j_ ba_klgh]h <Zf ij hij_^eb_l_ ^Zevg_crb_ gZijZ\e_gby _]h jZa\\b_cyk kmq_lhfbkeh`

Ч Ч d Ч ъ j 3.

IjZdlbq_kdZy kblmZpby

©:d\Zjbmkª < F =emfZdh\ F F FZdkbfph\ G B FZeur_\ dhfivxl_jgh]h ijhba\h^kl\Z ijZ\bevg__]h\hjblv h dhfivxl_ ©:d\Zjbmk Kbkl_f_ Bgnhjfª h[ty\beZ h bhf_kdh\uhgZ^bjZbla v [bag_kZ b dhgp_gljbjm_lky gZ ijh^Z`_ \ Jhkkbb aZjm[_`guo qlh gZf_qZ_lky \uoh^ gZ jhkkbckdbc jughd lZdbo ba\ ijhba\h^bl_e_c dZd nbjfu ©Nm^abpmª ©>b^`blZeª ©y:d\Zj mki_oZ \ k[ulh\hf [bag_k_ IjhZgZebabjh\Zg kblmZpbx [ue ijhba\h^kl\h aZdhgk_j\bjh\Zlv ^h l_o ihj ihdZ g_ keh`Zlky i ©ijhba\h^kl_ggucª [bag_k K[hjdhc i_jkhgZevguo dhfivxl_jh] hl^Z wlh [ueh j_\hexpbhgguf gZqbgZgb_f B g_ klhev ©:d\Zjbmkª bf_\rZy \ lh \j_fy klZlmk kh\f_klgh]h ij_^ijby ijhba\h^kl\hf Z g_ bfihjlhf dhfivxl_jghc l_ogbdb dZd wlh [hevrbgkl\h kh_lkdbho hb\jfi_j\mx hq_j_^v ihlhfm qlh ij_^ijb k\hc aZ\h^ ih k[hjd_ dhfivxl_jh\ \ ] Rmy B\Zgh\kdhc h[e \hklhj`_gguo \ukdZau\Zgbc ih ih\h^m gZqbgZgbc nbjfu ©:d\ bkdexqbl_evgh hilbfbklbqgufb ^Zhs Rmkl_bia Z\heyeb ijhba\h^b dhfivxl_jh\ b f_kyp < mkeh\byo lh]^Zrg_c wdhghfbdb \Z`gh ieZgh\uo ihklZ\hd Nbjf_ ©:d\Zjbmkª m^Zehkv aZdexqblv \u W<F dhfie_dlhfª hkms_kl\ey\rbf ihklZ\dhfivxl_jhgZevguo \k Kh_lkdh]h KhxaZ < khhl_lkl\bb k ^h]h\hjhf ©Khxa W<F aZdmiblv m ©:d\ZjbmkZª luk i_jkhgZevguo dhfivxl_j Z\lhfZlbq_kdb m_ebqb\ZeZkv ^h luk H^gZdh ©h[\Zeª jm lZfh`_gguo ihrebg gZ dhfie_dlmxsb_ d dhfivxl_jZf k^_eZeb k aZdexq_gguc \ jm[eyo dhgljZdl k ©Khxa W<F dhfie_dlhfª Nb jZaju\ dhgljZdlZ b mieZlm rljZnh\ Ihke_ wlh]h nbjf_ ijbrehk

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h^gZdh-lZkd_b \ugm`^_gh [ueh ihclb gZ m\hevg_gb_ jZ[hlgbdh
aZ\h^_ hklZebkv lhevdh d\Zebnbppbjh\Zggu_ k[hjsbdb dhl
aZdZah\ gZ dhfivxl_ju ^he`gu [ueb hkdmms_kjme^ydvkbb k[hj\Zjb
m^Zehkv ij_h^he_lv [eZ]h^Zjy lhfm qlh nbjfZ ihreZ
l_j_hjb_glbjh\Z\ k\hc dZiblZe k dhfivxl_jgh]h ijhba\h^kl\Z g
lZd`_ lhj]h\ex b kljhbl_evkl\h nbjfZ ^h[beZkv lh]h lZq\lhe__
ijbf_jgh feg ^hee ljb wlhf gZ ^hex dhfivxl_jgh]h gZijZ\e
q_l_jlv h[hjhlZ qlh [ueh kjZ\gbfh k ^he_c h[hjhlZ \ kljhbl
^heb h[hjhlZ ijboh^ys_cky gZ bg_klbppbhggu_ ijh_dlu
>b_jkbdZpby ^_yl_evghklb ijb_eZ d baf_g_gbx hj]ZgbaZpbl
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kljhbl_evkl\h dhfivxl_jguc E[b\gh_kebZ\bjeZ ohe^bg]h\Zy dhfiZ
\eZ^_eZ dhgljhevguf iZd_lhf Zdpbc
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hdjm`b_gf"
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¤ jdȤ5. ¤ lstOsjcdq¤ tedȤqȤ¤ fhȤ¤ dsfhsȤ qȤ¤ dZhjqȤ¤ OuqȤ

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¤OuOdqj 1.

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@mjgZe ©NbgZgkh\¤ic_qjZilhgjhª ba^Zgb_qk-fehg_c bklhjb_c
Hkgh\gZy Zm^blhjby jmdh\h^bl_eb b khljm^gbdh\ nbgZgkh\u
dhfiZgbc kj_^g_]h b fZeh]h [bag_kZ @mjgZe ihabpbhgbjm_l
j_r_gbc ^ey ijhn_kkbhgZeh\ AZ \j_fy k\h_fjhgkemsg_kdh\eZvgdb
\eZ^_evp_\ >h ihke_^gbo ^g_c hg \oh^be \ ba^Zl_evkdbc
ki_pbZebabjmxs_fky gZ gbr_\uo ijhn_kkbhgZevguo ba^Zg
©NbgZgkh\uc j_ihjlª g_ ijbghkbe gh gZoh^blky gZ mjh\g_
ih^_e_fqu^m j_deZfhc b ih^ibkdhc \ ijhihjpbb gZ
>h g_^Z\g_]h \j_f_gb kZcl `mjgZeZ ij_-^hlaZblkdme kjh[hc
hldjulhf ^hklmi_ \udeZ^u\Zebkv ghf_jZ q_j_a f_kyp ihke_
ghkbl_e_ < gZklhys__ \j_fy khdjZs_gbc_jhdlZfZu khbjZZlf_ev
^hf_ klZ\bl aZ^Zqm i_j_^ f_g_^`f_glhf ih m_ebq_gbx ^hoh
ijbgylh j_r_gb_ h kha^Zgbb ieZlguo we_dljhgguo _jkbc \k_o
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1. DZdbf h[jZahf ba^Zgbx baf_gblv ijb\uqdm qjblZhljeZ_ª c ©
ihemqZlv [_kieZlguc ^hklmi d ghf_jZf `mjgZeZ lgbZkZcl
^hklmdwe_dljhg\g_jkb?yf

¤OuOdqj 2.

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>_lkdbc kZ^ ©JhfZrdZª ihy\beky \ jZchg_ \k_]h r_klv
aZ\h_\Ze j_imlZpbx wegbgyh]hgaZZl^evguc b d\Zebnbppbjh\Zgg

hlebqgu_ deZkku dhfnhjlZ[_evgu_ kiZevgb [Zkk_cg h]jhfg
b]jmr_d]jZfhlgZy kh\j_f_ggZy ijh]jZffZ jZa\blby ^_l_c« B i
p_gZ K h^ghc klhjhgu kZ^bdhjZkgb^jmehk [Zje imklujv aZjhk
b dmklZjgbdhf Z hl g_ba[_`ghc ^hjh]b _]h hl^_eyeZ ihehkZ
^_j_\vyfb qlh ^hjh]b ba hdhg \b^gh g_ [ueh Z rmf ihqlb g_
jZkiheh`_gb_

Jh^bl_eb g_ lhevZdhwZh]bhj b khk_^gbo hp_gbeb ij_^eZ
\ kZ^bd \ukljhbeZkv hq_j_^v `_eZxsbo Qlh[u]ZjZglbjh\Zgh
^_lkdbc kZ^ ©JhfZrdZª jh^bl_eb aZibku\Zebkv \ hq_j_^v
jh^^hfZ

Gh h^gZ`^u i_jkhgZe ^Z_lkdb\h_ekZqlh imklujv Zdlb\gh j
ki_pl_ogbdhc b h[ghkblky aZ[hjhf Qmlv iha`_ gZ imkluj_
l_ogbdZ b [jb]Z^Z jZ[hqbo Z meh`blv ^_l_c kiZlv \ kZ^bd_
rmf b]Zf kljhbl_evkl\Z g_ iha\heyb^fhjZfgbavgu\Zcvlhobc qZk
iha`_ gZ aZ[hj_ kljhys_]hky h[t_dlZ ihy\beZkv gZ^ibkv ©Kl
h[t_dl gZoh^beky \ f_ljZo hl kZ^bdZ

<Z^bf l_ljh\bq FZdkbfh\ ^bj_dlhj \eZ^_e_p b kha^Z
\uykgbe qlh jZaj_r_hgbl_egvZklhj:AK gZ wlhf f_kl_ ^Zeb]hjh
Gm`gh eb]h\hjblv qlh jh^bl_eb lZdhfm khk_^kl\m g_ h[
jh^bl_e_c b lj_[h\Zgby jZah[jZlvky ihkuiZebkv gZ ^bj_dpbx
bah[beby >bj_dlhj k aZf_klbl_evqlb^fhjZfgbavgu\Zcvlhobc qZk
jZaebqgu_ wdki_jlbau _^v kljhbl_evkl\h :AK gZ lZdhf jZk
gZjmrZ_l aZdhg b kh[bjZeb j_amevlZlu ^ey ih^Zqb aZy\e_
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hdhgqZgby ^ebl_evgh]h ijhp_kkZ b [ukljh aZ[jZeb k\hbc
;_kihdhckl\h aZ a^hjh\v_ fZeur_c i_j_kbebeh \k_ ijhqb_ ^hk
G_dh]^Z ijhp_lZxsZy dhfiZgby hdZaZeZkv gZ]jZgb [Zgdjhlk

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ijhklhjgu_ dhfgZlu b iylv fbgml ^h^f_ehjb_\Z^\ehfhkZe_vcZy
klhygdZ F_qlZ Z-pg_glj[baDhfiZgby ©lexr_\u_ b]jmrdbª kg
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Gh ijbr_e djbabk b hnbk klZe dhfiZgbb g_ ih dZj
g_hc^bfhkkb_guhnbkgh]ihf_s_gbyZqZebkv _s_ ijhrehc hk_g
khljm^gbdb ihkl_i_ggh d gbf ijb\udeb b \k_jv_a g_ ijbgbfZe
^_ckl\bc g_ ij_^ijbgbfZ_lky fh`_l ijhg_k_l"

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kblmZpbx« D kh`Ze_gbx hgZ g_ h[hreZ klhjhghc b gZrm
\ugm`^_gu hldZaZlvky hl wlh]h ihf_s_gby b i_j__oZlv gZ gh\
ijbkmiZ_f d jZ[hl_ \ gh\hf hnbk_ jZ-hifhdh`ehgf_hf_gZD:>Z W
kh\j_f_gguc-[bag]jkkh \k_fb m^h[kl\Zfb <hl Z^j_k ljhrm \Zk
kh[jZlv k\hb ebqgu_ _sb dhjh[db fh`gh [m^_l \aylv m g
l_j_\hahf aZcf_bkvZkvgZy nbjfZ GZ^_xkv qlh gZ gh\hf f_kl
ohjhrh b ieh^hl\hjgh jZ[hlZlvky dZd a^_kvª

H^gZdh khljm^gbdZf gh\hdkhfiZghf_qlhZgl_ ihgjZ\bebkv
iylgZ^pZlv dexq_\uo khljm^gbdh\ ]heh\gh]h hnbkZ bd dh
]_g_jZevghfm ^bj_dlhajZy\eZ_gkhmeh^H[tykg_gb_ [ueh h^bgZd

F_g_^`_ju ih ijh^Z`Zf gZc^y ihl_gpbZevgh]h aZdZaqbdZ
^_lZev dhlhjmx gZ^h jZklbjZ`bjh\Zlv gZ aZ\h^_ lqjb[m_qfhjd_`
ijh^mdpbb Wlb ^Zggu_ i_j_^Zxlky l_ogheh]m b ghjfbjh\sbd
\j_f_gb ihlj_[m_lky gZ ijhba\h^kl\h lZdhc ^_lZeb AZl-f bk
qZkZ jZkkqblu\Z_lky kmffZ aZdZaZ ?keb aZdZaqbdZ dmZkljZ
i_j_^Z_lky \ nbgZgkh\mx kem`[m dhlhjZy \ukqblu\Z_l lhqgmx
L_ogheh]b hp_gb\Zy klhbfhklv jZ[hl hibjZxlky gZ m
fhf_glZ _^_gby wlbo ghjf h[hjm^h²Zhgbyklbyafl g:eedkv²c =hc
Lh qlh klZjgbdkZeZe aZ ^\Z qZkZ kh\j_f_gguc ^_eZ_l aZ
\uimkdZeb klZg^Zjlgmx ijh^mdpbx \k_ agZeb nZdlbq_kdmx
wlZih\ jZ[hl L_i_jv fu ijbgbfZ_f jZaghh[jZagu_ aZdZa
hjb_glbjh\Zlvkyª
< blh]_ dZevdmeyqbkydbjZdbZb^h]h aZdZaZ b^_l \ j_`bf_
i_j_]h\hjh\ f_`^m ijh^Z`gbdZfb b ijhba\h^kl_ggbdZfb D kq
_klv k q_f kjZ\gb\Zlv ©ihdZaZgbyª rlZlgh]h l_ogheh]Z
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aZy\be qlh ijhba\h^kl\h ^_lZeb aZqZkh\r_klvgZghjffhg_^`_j
ijh^Z`Zf ihkfhlj_\ q_jl_`b ml_j`^Z_l qlh k^_eZlv wlh fh`gh
Ijh[e_fgu_ kblmZpbb \hagdbdkZdkl kjZddZb^uf gZc^_gguf aZd
\j_fy gZf ijboh^blky bkdZlv dhfijhfbkk ^h]h\Zjb\Zlvk²y k ij
jZkkdZau\Z_l ²e_Bdak_Zc g_\hafh`ghklb ij_^hklZ\blv dhgdmj_g
hldZau\Z_f ijbf_jgh dZ`^hfm iylhfm ihl_gpbZevghfm aZdZaqb
D keh\m dhgdmj_gpby \ kn_j_ f_lZeehh[jZ[hldb \ j_
E_gbg]jZ^kdZy h²[eZkgZv \lhjhf ihke_ MjZeZ f_kl_ ih
f_lZeehh[jZ[Zlu\Zxsbo ij_^ijbylbc lhwlhfm [_a \hafh`g
dhgdmj_glhkihkh[gmx p_gm \u`blv mnaZqbhkZ ijhklh g_ ih
©K_cqZk ijhba\h^kl_ggu_ fhsghklb m gZk aZ]jm`_gu
^_eblky bgnhjfZpb_c jmdh\h^bl_ev dh²ffljq_^kdgZrkfml^u eh
klhbl aZ^ZqZ ih \hafh`ghklb ^h[blvky klhijhp_glghc aZ]jmad
aZ\h^m]jhaYZ[fgZukr khdjZs_gbyª
lh kmlb qlh[udkgnvbdll_j_kh\^m ^\mfy dexq_\ufb hl^_eZ
baf_gblv ikboheh]bx ex^_c ©Gm`gh qlh[u ex^b ihgbfZeb
khagZl_evghklb aZ\bkbl ²mjZnkm`^aZZ\h^eZ_dk²_dB=hgcbehgZxqbgZ
wlh ihgbfZlv _^v gZf m^Z_lky gZoh^blv dhfijhfbkku Gh
i_j_]h\hju qlh[u hij_^_eblv klhbfhklv aZdZaZ g_\hafh`ghª
LZdb_ f_ju dZd rljZnu kgb`_gb_ aZjieZlu b l ^ g_ j
fh]ml ijhklh mclb gZ ^jm]hbcZaZkh^ihkf_lZeehh[jZ[hldj[mkZgd
\k_]^Z gZc^_l ²jZ]Zhkhm`^Z_l :e²_dHki_jZlb\gh gZ[jZlv gh\uc
ki_pbZebklh\ ijZdlbq_kdb g_\hafh`ghª
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ijh^mdpbjhbdla\kl\mjh^mdpbhZmlkhjkbgZmi gm`gZlhdZ^jmZyZy kbkl_f
mijZ\e_gby ijhba\h^kl\hf b dhff_jq_kdbf hl^_ehf dhlhjZy [
fhlb\bjh\Zlv b ijh^Z\ph\ b ijh²bajhhhjbdl_e_c²dk_c =hceh Gh h
ihdZaZl_ey hllZedb\Zlvekybyjl^_gnbkyijhkZ DZd fhlb\bjh\Zl
ijhba\h^kl_gguc hl^_e jZ[hlZlv wnn_dlb\g__"

]OrOdafj 1.

ljZdlbq_kdZy kblmZpby

Djmigubcghklj Zgguc bg_klhj FZcde =he^kfbl j_rbe ihk jhkkbckdhf]hjh^dejh[evrh^gZdh hkms_kl\blv wlhl ijh_dl kZf mqZklby]hjh^kdbo \eZkl_c [ueh g_\hafh`gh ;ue aZde-xq_g dem[Z lhke_ ^he]bo jZgb^kmjZpby^fu^_ebeZZf ikhfhcd_ [hevr k\h[h^ghc a_feb g_ [ueh

lhgylgh qlh gm`gh [ueh ijh\h^blv h]jhfguc dhfie_dk j_bgdZjgZpb_c ihq\u ihkdhevdm a_fey [ueZ aZjZ`_gZ hlo hkfhlj f_klghklb b khklZh[seZby kkfmlfmZ khklZ\beZ feg Bg_k wlb ^_gv]b Fwjby]hjh^Z h[jZlbeZkv \ hj]ZgbaZpbx dhlhjh jZ[hlu ijb wlhf \u^_eb\ gZ gbo ba mieZq_gguo feg lhev hklZebkv \ ]hjh^kdhc dZag_ hjj]Z^gZbeZpby hijg_Zmwlb ^_gv]b gZ_klb lhevdh dhkf_lbdm gZ h^bg]h^ Z ihlhf gm`gh [m^_l aZ\hablv]Zahggmx ljZ\m lZd dZd a_fey [m^_l [ukljh euk gZklhyeZ gZ ijh_^_gbb jZ[hl \ jZfdZo \ulh^_e_[ugeh]hk^[xeZ_glhZ bg_klhjhf]hjh^ hlqblZeky qlh \k_ g_h[oh^bfu_ jZ[hlu [ue h[t_f_

: q_j_a]h^ ihey ihdjuebkv ijhie_rbgZfb b eukbgZfb bo djmigmx kmffm lhkdhevdm ihey iehoh]h dZq_kj\Zmlhpby o Khklhyl_evgu_ deb_glu h[oh^yl _]h klhjhghc hgb ij_^ihq]jZgbpm Dem[h[Zgdjhlbeky

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Qlh fh] ij_^ijbggy_vk,lqjh[u g_ ^himklblv ih^h[gh]h jZa\blby Fh] eb hg dhgljhebjh\Zlv ijhp_kk"

DZd fh`gh [ue`hZlbqZ[g_djhlk\Z

DZdhc dhfi_l_gpbb _fm g_ o\Zlbeh"

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]OrOdafj 1.

ljZdlbq_kdZy kblmZpby

© 6WLQV KhlZiª F =emfZdh\ F F FZdkbfph\ G B F ihdmliZeyfb dhfivxl_jghc l_ogbdb \ Jhkkbb y\eyxlky djmigu dhff_jq_kdb_ kljmdlmju lhwlhfm \k_ _^msb_ dhfivxl_jgu_ m [bag_k gZ wlbo ihlj_[bl_e_c AZ [hevrb_ aZdZau gZ dhfivxl dhgdmj_glgZy l[hbvfmZs_kl\Z lZdbo aZdZah\ hq_\b^gu ohly b m]jhaZ aZ^_j`db ieZl_`_c b lh]^Z m nbjfu fh]ml \hagbdgml AZiZ^_ jughd ©^hfZrgbo ª i_jkhgZevguo dhfivxl_jh\ keh`be jZkl_l K ihy\e_-5h2_0fd&hfivxjl aZgye \ ^hfZrg_f h[boh^_ lZdh_ b l_e_\bahj lh hp_gd_ Zf_jbdZgkdhc :kkhpbZpbb we_dljhg KR: h[t_f ijh^Z` i_jkhgZevguo dhfivxl_jh\ [_a mq_lZ klhb h[_ki_q_gby ij_\ukbe fej^ ^hee hblebqZevkyg hfghlh_fZ ijl l_e_\bahjh\ < Jhkkbb `_ jughd ©^hfZrgbo ª i_jkhgZevguo d ijZdlbq_kdb hlkmlkl\h\Ze B g_ lhevdh ihlhfm qlh lZdhc dhf ^ey [hevrbgkl\Z jhkkbyg gh b ihlhfm qlh ^wZlhl LuZgdhdjhgkbkdbdk ijhba\h^bl_eb i_jkhgZevguo dhfivxl_jh\ kh[bjZxl bo ba bfihj < kbem wlh]h bo [bag_k hq_gv kbevgh aZ\bkbl dZd hl kblmZ \ i_j\mx hq_j_^v gZ j-<ghkZlhqgXhb :abb lZd b hl ihebvlkbldZ i Jhkkbb \ hlghr_gbb lZfh`_gguo ihrebg gZ wlb dhfie_dlmxsb_ ^_eZxl wlhl [bag_k \ Jhkkbb hq_gv keh`guf G_ f_gvrb_ keh

[bag_kZ kha^Z_l b lh h[klhyl_evkl\h qlh dhfivxl_ju hl_g_kl\
^_r_\u_ gh f_g__ dZq_kl_ggu_ ik_ k [hevrbf ljm^hf ijb\e
ihdmiZl_e_c hjb_glbjmxsboky \ ihke_^g__ \j_fy gZ [he__
ba_klguo aZiZ^guo nbjf < lZdhc kblmZpbb hq_gv g_fgh]
ijh^he`Zxl hklZ\Zlwkhf [bag_k_ JZkkfhljbf ijbf_j i_jbh^Z kl
jugdZ \ Jhkkbb Jy^ nbjf g_kfhljy gZ i_j_qbke_ggu_ \ur_
mki_rgh _eb ^Zgguc [bag_k D qbkem lZdbo ijhba\h^bl_e
nbjfZ 6WLQV &RPDQ h[hjhl]dhiljh\hukb\e feg ^he < 6W
jZ[hlZeh k\ur_ q_eh_d Hkgh\m dhee_dlb\Z khklZ\ey
ij_^ijbylbc Z\bZpbhgghc ijhfure_gghklb < nbjf_ jZa\b\Z_lk
hj]ZgbaZpbb >ey wlh]h ijh\h^bebkv dhee_dkhlgu^gbdbj
h[_ki_qb\Zebkv [_kieZlguf iblZgb_f \ klheh\hc nbjfu `b\m
^hklZ\eyeb gZ jZ[hlm \ nbjf_gghf Z\lh[mk_ L_oghdjZlbq_k
khljm^gbdh\ Z lZd`_ g_dbc \gmlj_ggbc ^mo nbjfu kha^Z\Z
kZfhm\gjhkglb LZd \ ] khljm^gbdZfb nbjfu [ue kZfhklhyl
\uims_g dZlZeh] ijh^mdpbb b mkem] nbjfu lh fg_gbx ki_pbZ
g_^hklZldh\ dhlhju_ gbdh]^Z g_ ^himklbeb [u ijhn_kkbhgZeu
<_kghc] gZ ju-gdhZbhoXgbadb \ kbem jy^Z ijbqbg b
ehdZevguc oZjZdl_j ijhbahreh j_adh_ kgb`_gb_ p_g gZ ihe
ko_fu bkihevam_fu_ \ dZq_kl_ dhfie_dlmxsbo ijb k[hjd_ i_
Jhkkbckdb_ dhfivxl_jgu_ nbjfu ihemqbeb \hafhZ`gwlkhfv aHZjgZ4
k^_eZlv wlh hdZaZehkv g_ lZd e_]dh dZd fh]eh ihdZaZlvky
dhfivxl_jgu_ nbjfu dZiZeb aZdmiZlv ^_r_\u_ dhfie_dlmxsb_
^_r_\uo dhfie_dlmxsbo gZi_eb jmdh\h^kl\h nbjfu 6WaLQgVbKh
^_r_\h]h dhfivxl_jZ dhlhjuc [m^ml ihdmiZlv g_]hkm^Zjkl
dhff_jq_kdb_ nbjfu Z ijhklu_ jhkkbckdb_]jZ`^Zg_ ^ey ^l
<gZqZe_ wlZ b^_y ij_ab^_glZ nbjfu K_j]_y :gbkbfh\Z g_ bf_e
jZ[hlgbdmhnbjfu H^gZdh \kdhj_ b^_y aZdj_ibeZkv b [ueh j_
\uimkdm ^_r_\h]h ©gZjh^gh]hª dhfivxl_jZ ih^ gZa\Zgb_f ©
dhgp_ipbb dhfivxl_jZ ©:fZlZª k kZfh]h gZqZeZ [ueb hij_^
ijh_dlZ-i<jhuo dhfivxl_j ^[ue_fgZdkbfZevgh ^_r_\uf >ey wlh
hldZaZlvky hl fhgblhjZ ij_^eh`b\ ihdmiZl_eyf bkihevah\Zl
bf_xsbcky m gbo l_e\hbauoj d<hfivxl_j ^he`_g [ue h[eZ^Zlv
b]jh\hc ijbklZ\db g_ om^rbfb q_f hbjejZ\Zy_lijbak_Zkdgzy©>_g^
lj_lvbo b kbem hlkmlkl\by jugdZ lZdh]h jh^Z dhfivxl_jh\
rbjhdmx dZfiZgbx ih j_deZfbjh\Zgbqx_l©:jfZluªlZ<d dZd g_kfh
hlghkbl_evgh gbadmx p_gm-lZdhfivxhlkljZ\Zk_ky g_^hklmi_g
[hevrbgkl\m \hafh`guo ihdmiZl_e_c [ueh ijbgylh j_r_gb_ jZ
ko_fm hieZlu dhfivxl_jZ \ jZkkjhqdm NbjfZ ieZgbjh\ZeZ ql
_c m^Zklky ijh^Zlv luk dhfivxl_jh\ ©:fZlZª ;ueb jZajZ
dhfivxl_jhkl\hbfhklvx khhl_lkl_ggh b ^hee >ey j_Ze
iheghc ko_f_ jmdh\h^kl\h nbjfu j_rbeh ijb\e_qv jy^ iZjlg_
]h^ ij_^iheZ]Zehkv ijh^Zlv luk dhfivxl_jh\ lh hiZkZyk
kh[kl_ggh]h aZ\hdªZ\©?kZl_jbg[mj]_ nbjfZ 6WLQV KhlZi ijh
nbjfhc $TXDULXV 6\VWHP ih ih\h^m k[hjdb qZklb dhfivxl_jh
Rmy >ey j_fhglgh]h h[kem`b\Zgby ijb\e_deb nbjfm ©L_ogh
jZajZ[hldb kbkl_fguo ihhjZhfguooiijh^mdlh\ ^ey ©:fZluª ^h]h\
nbjfZfb ©GbdblZª b ©Nbal_okhjlª Hkms_kl\e_gb_ ieZl_`_c \
ijhg_klb k ihfhsvx K[_j[ZgdZ b Mgbdhf[ZgdZ >ey ihemq_gb
^he`_g [ue mieZlblv \ fZ]Zabg jZab_j f_^khyeghc \uieZlu
khhl_lkl\mxsmx fh^_ev ©:fZluª b ij_^ty\blv]ZjZglbcgmx k
dhfivxl_jh\ ©:fZlZª [ueZ ^h-kl]hbhjlZgh^khlv h[bo j_ZebaZp

khljm^gbdh\ f_gvr_ q_f ^jm]bf k_lyf Mjh_gv ba^_j`_d \
fbdjhko_fª dZd ml_j`^Zxl f_g_^`_ju \ iylv jZa gb`_ q_f \ l
ljb wlhf hl^ZqZ iZ \eh`_gguc dZiblZe \ur_ q_f m fgh]bo]jZ
Djhf_ lh]h ©dhfbZjhko_fmª e_]dh lbjZ`bjh\Zlv lhwlhfm \
aZ^mfZebkv h nZ^vba_wlhf kemqZ_ kdhjhklv ijh^\b`_gby d
ihdmiZl_e_c \ kljZg_ \hajZkl_l fgh]hdjZlgh

H^gZdh \ jZ[hl_ ©lyl_jhqdbª g_l gbq_]h g_baf_ggh]h
^Z`_ \ iylb ©[Zah\uo \u]h^Zoª ^ey ihdmiZl_ey LZd dhZ^kv ©
gZ jugd_ __ p_e_\Zy Zm^blhjby ij_\ur_ \k_]h klZ\beZ gba
\ha]eZ\beh ©ih^^_j`Zgb_ gbadbo p_gª K_cqZk kblmZpby b
ihdmiZl_eb \kihfgbeb qlh m ijh^mdlh\ djhf_ p_gu _klv
fhf_glZgeh kj_Z]bjh\ZeZ gZ i_j\h_ f_klh i_j_f_klbeZkv ©]ZjZ
< ih^^_j`Zgb_ wlh]h [ueZ ijh_^_gZ j_deZfgZy dZfiZgby
ihdmiZl_ev fh`_l _jgmlv ex[hc g_ ihgjZ\b\rbcky _fm lh\Zj ^
kh[ex^_gb_ j_ZeZafZgbkbl g_ hl l_o dlh ke_^bl aZ _]h b
g_ihkj_^kl_gguo bkihegbl_e_c < ©lyl_jhqd_ª jZ[hlZxl gZ
©fbdjhko_f_ª g_ ijhbkoh^beb ih \bg_ q_eh_q_kdh]h nZdlhjZ
\ g_kdhevdh jZa [hevqb_o bqa\f_kljuho k_lyodZhkgZbbo lZd
aZiZ^guo G_^Zjhf gZ dZ`^h_ \ZdZglgh_ f_klh \ dhfiZgbb
q_eh_d Gh aZjieZlZ hlgx^v g_ _^bgkl_ggZy nhjfZ dr
ij_^Zgghklb ^_em dhjihjZpbb < ©lyl_jhqd_ª hkms_kl\eyxlky
lbih\Zy dmevlmjZ AZ^ZqZh\[kmq_gbcykl\by khljm^gbdh\ ^h Z
ljZ\^Z h[mq_gb_ gZ nmgdpbhgZevghf mjh\g_ ijhoh^yl a^_kv
bgkljmdpbc b ijh]jZff b wlhc nbjf_ ©mijhsZc_gg_Zfdlh\j]e\khf
ij_^ijbylbb dZkkbjZf g_ gZ^h ijhy\eylv qm^_kZ khh[jZab
\ukhdhl_ogheh]bqgufb dZkkZfb \kx bgl_ee_dlmZevgmx jZ[h
L_f g_ f_g__ ijh]jZffbklu ©lyl_jhqdbª ml_j`^Zxl qlh b bo
dZkkh\u_ hi_jZpbb [ueb ^h_^_gu ^h \ukrbo klmi_g_c we_f_g
hq_gv [ukljh h[mqZlv dZkkbjh\ ©lyl_jhqdZª kha^Z_l \gmlj_g
dhlhjhc ^he`gu eh]bqgh \ul_dZlv \k_ lj_[h\Zgby d hkgh\ghc
mq_[ghfglp_ khljm^gbdh\ g_ lhevdh h[mqZxl ijhn_kkbhgZev
ijZ\beZf ih_^_gby \ dhfiZgbb <_^ml [_k_^u h[hkgh\guo
dhlhju_ a^_kv gZau\Zxl aZih_^yfb K h^ghc klhjhgu ijZ\b
ihdmiZl_ey dZd kZfhjh\mkqZy ihbgbjgh lZd² ©Zreb_mqlrbc iZjlg_j
©KemrZc b m\Z`Zc ihlj_[bl_eyª ©Deb_gl bf__l ijZ\h²gZ ie
gbdh]^Zª K ^jm]hc klhjhgu khljm^gbdh\ a^_kv gZau\Zxl iZj
ki_pbZevguc bf_gghc aiZkdhjljbgZ^eklb d dhjihjZpbb < ijh
h[mq_gby h[yaZl_evgZ e_dpby h[bklhjbb dhfiZgbb]^_ jZk
h[tykgyxlky bo ijbqbgu

<hijhku

Qlh y\ey_lky hkgh\guf dhgdmj_glguf ij_bhmls_jkl\hZªdhfi
lh dZdbf djbl_jbyflky_[hgZ^p_kku \ ©lyl_jhqd_ª"

DZd hkms_kl\eyxlky \ dhfiZgbb h[mq_gb_ fhlb\Zp
i_jkhgZeZ"

DZdh\u dexq_\u_ nZdlhju mki_oZ ©lyl_jhqdbª"

ʉɸʃ ʃ ʉʊʃ ς ʊɾʃ ʔ ɻ ɸς ʇ ɸɾʃ ʊɸ

JZa^_eu b l_fu	QZku kZfhklhyl_ hc jZ[hlu	<b^u kZfhklhyl_evghc jZ[h
k_f_klj		

L_fZ KljZl_]bq_ f_g_^`f_gZdlmZev gZmdZ mijZ\e_gby	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий*
L_fZ W\hexpby \a]ey^h\ h kljZl_] mijZ\e_gbb	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий*
L_fZ Nhjfbjh\Zg kljZl_]bq_kdbo p_ kljZl_]bb ij_^ijbyl	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
L_fZ KljZl_]bq_ ZgZeba \g_rg_c b \gmlj_gg_c kj_^u	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
L_fZ KljZl_]bbbo kmsghklv b deZkk	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
L_fZ KljZl_]by ij_^ijbylby b hj]ZgbaZpbhggZy	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий*
L_fZ ljhba\h^kl kljZl_]bb ij_^ijbyl	8	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
L_fZ Klj_Zb mijZ\e_gby dhgdm ihl_gpbZehf hj]Zg	8	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий*
L_fZ lhjln_evgu kljZl_]bb hj]Zgba	10	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
lh^]hlh\dZ d aZq_	4	*Вопросы для самоконтроля при подготовке к зачету*
k_f_klj		
L_fZ Bggh\Zpb bg_klbpbhggu_ k gZ dhjihjZlb\ghf n	20	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
L_fZ KljZl_]by \g_rg_wdhghfbq_k ^_yl_evghklb ij_^	20	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий*

		Решение задач
L_fZ Nhjfbjh\Z kljZl_]bq_kdbo Ze b kljZl_]bq_kdbc	20	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий* *Решение задач*
L_fZ ZKlj]bq_ ieZgbjh\Zgb_ j_ kljZl_]bb hp_g dhgljhev	25	*Теоретическая подготовка к практическому занятию* *Подготовка докладов, рефератов* *Составление тестовых заданий*
Ih^]hlh\dZ d wdaZ	9	*Вопросы к экзамену*
<k_]h qZkh\	**184=13+171**	

J tsftesfj ndz fjOdgs=tsdstesdz tjeqfjtsnctsts=2j 2 uOujsdz i 7 fjjdgjfhstc

1. Ihgylb_ kljZl_]bb kljZl_]bq_kdh]h mijZ\e_gby b f_g_^`f_glZ
2. W\hexpby kljZl_]bq_kdh]h mijZ\e_gby
3. Ijbqbgu \hagbdgh_gby kljZl_]bq_kdh]h mijZ\e_gby \ J
4. JZaebqby kljZl_]bhqi_kZdh]h \b^h\ mijZ\e_gby
5. Hkgh\gu_ hkh[_gghklb b dhgp_ilmZevgu_ iheh`_gby kl
6. Hkgh\gu_ gZmqgu_ rdh]eu^h\ rdheZ ©^baZcgZª ©kljZ ieZgbjh\Zgbyª rdheZ jughqgh]h ihabpbhgbjh\Zgby
7. RdheZ ij_^ijbgbfZl_evkl\Z dhZgbdh]eZydhghe]mjZpbb
8. Hibkl_evgu_ rdheu rdheZ \eZklb rdheZ h[mq_gby b
9. Kmsghklv \b^_gby hj]ZgbaZpbb fbkkbb b bfb^`Z bo o
10. IjZ\beZ nhjfmebjh\Zgby \b^_gby b fbkkbb
11. OZjZdl_jbklbdZ p_e_c SMJZ gbaZZpbba
12. Nhjfbjh\Z\gb_ kljZl_]bq_kdbo p_e_c DeZkkbnbdZpby p_ mijZ\e_gby
13. F_lh^u mijZ\e_gby ih p_eyf
14. F_lh^bdZ ©>_j_\h p_e_cª
15. Kljmdlmjl p_eb b aZ^Zqb ZgZebaZ kj_^u ij_^ijbylby
16. FZdjhkj_^Z __ oZjZdl_jbklbdZ b hkgPEST-gZug_Zebfihg_glu
17. >_ebZy kj_^Z __ dhfihg_glu
18. :gZeba \gmlj_gg_c kj_^u __ oZjZdl_jbklbdZ
19. F_lh^u ZgZebaZ kj_^u
20. Dexq_\u_ oZjZdl_jbklbdb wnn_dlb\ghc kljZl_]bb
21. ;Zah\u_ wlZehggu_ kljZl_]bb
22. Kljl_]bb ^hklb`_gby dhgdmj_glguo ij_bfms_kl\
23. Hkh[_gghklb kljZl_]bc djmognubjfb kj_^gb
24. Kljl_]bb jZa\blby nbjf fZeh]h [bag_kZ
25. Hljzke_\u_ kljZl_]bb
26. Nmgdpbhgzevgu_ kljZl_]bb
27. JZajZ[hldZ hj]ZgbaZpbhgghc kljmdlmju \ khhl_lkl\bb
28. Lbiu hj]ZgbaZpbhgguo kljmdlmj bo ^hklhbgkl\Z b g_^
29. Kljl_]bq_kdbc \u[hjo\hjkZehbygghklb j_kmjkh\
30. Kljl_]bq_kdbc \u[hj \ mkeh\byo h]jZgbq_ggh]h kijhkZ

31. <u[hj kljZl_]bb \ aZ\bkbfhklb hl wlZiZ `bag_ggh]h ijh^mdpbb
32. <u[hj kljZl_]bq_kdbo ohayckl_gguo ahg
33. KljZl_]bb ijhba\h^kl\Z \ h[eZklb Zkkhjlbf_glZ

[illegible]

1. KljZl_]bq_kdbc f_g_^`f_gl ih\lhj_gb_ aZ[ulh]h b hldjulb
2. KljZl_]bq_kdbc Zki_dl \ mijZ\e_gbb hj]ZgbaZpb_c
3. G_h[oh^bfhklv klZgh\e_gby kljZl_]bq_kdh]h f_g_^`f_glZ
4. Fbkkby b \b^_gb_ bo jhev \ nhjfbjh\Zgbb kljZl_]bb
5. F_lh^u mijZ\e_gby ih p_eyf
6. Ihgylb_ kljZl_]bq_kdbo ijh[e_f b hkh[_gghklb bo \uy\e_g
7. :gZeba]eh[Zevghc kj_^u nbjfu ^ey ijbgylby j_r_gbc
8. KljZl_]bq_kdbc ijhp_kk KljZl_]by dZd ieZg
9. KljZl_]by hij_^_ey_fZ \g_rg_c kj_^hc
10. Hj]Zgbqgh_ jZa\blb_ dhjihjZlb\ghc kljZl_]bb
11. MijZe_gb_ ijhp_kkhf j_ZebaZpbb kljZl_]bq_kdbo baf_g_g
12. Kmsghklv kljZl_]bq_kdhc wnn_dlb\ghklb
13. Hl kljZl_]bb d ijh]jZff_ jZa\blby hj]ZgbaZpbb
14. Dhgdmj_gpby aZ [m^ms__ dZd gh\Zy iZjZ^b]fZ kljZl_]bb
15. Nhjfbjh\Zgb_ f_oZgbafZ i_j_oh^Z ij_^ijbylby mijZ\e_gby b kljZl_]bq_
16. Jhkkbckdzy ijZdlbdZ kljZl_]bq_kdh]h ieZgbjh\Zgby
17. AZjm[_`gZy ijZdlbdZ kljZl_]bq_kdh]h ieZgbjh\Zgby
18. KljZl_]bb ih_^_gby \ dhgdmj_glghc kj_^_
19. <deZ^ fZjd_lbg]Z \ kljZl_]bq_kdbc f_g_^`f_gl
20. Ljm^ghklb b hrb[db \ jZ[hl_ gZ^ kljZl_]b_c

[illegible]

1. Ihgylb_ kljZl_]bb kljZl_]bq_kdh]h mijZ\e_gby b kljZl_]b
2. W\hexpby kljZl_]bq_kdh]h mijZ\e_gby
3. Ijbqbgu \hagbdgh_gby kljZl_]bq_kdh]h mijZ\e_gby \ Jhk
4. JZaebqby kljZl_]bq_kdh]h b hi_jZlb\gh]h \b^h\ mijZ\e_gl
5. Hkgh\gu_ hkh[_gghklb b dhgp_ilmZevgu_ iheh`_gby kljZl_
6. Hkgh\gu_ gZmqgu_ rdheZ \b^h\ rdheZ ©^baZcgZª ©kljZ ieZgbjh\Zgbyª rdheZ jughqgh]h ihabpbhgbjh\Zgby
7. RdheZ ij_^ijbgbfZl_evkl\Z dh]gblb\gZy rdheZ rdheZ dh
8. HibkZl_evgh_u rdheZ \eZklb rdheZ h[mq_gby b rdheZ
9. Kmsghklv \b^_gby hj]ZgbaZpbb fbkkbb b bfb^`Z bo oZj
10. IjZ\beZ nhjfmebjh\Zgby \b^_gby b fbkkbb
11. OZjZdl_jbklbdZ p_e_c SMJZTgbaZZpbba
12. Nhjfbjh\Zgb_ kljZl_]bq_kdbo pZeby pDeZkkhjZd_]bq_kdh mijZ\e_gby
13. F_lh^u mijZ\e_gby ih p_eyf
14. F_lh^bdZ ©>_j_\h p_e_cª
15. Kljmdlmjz p_eb b aZ^Zqb ZgZebaZ kj_^u ij_^ijbylby
16. FZdjhkj_^Z __ oZjZdl_jbklbdZ b hkPEST-gZug_Zebfihg_glu
17. >_eh\Zy kj_^Z __ dhfihg_glu
18. :gZeba \gmj_c kj_^u __ oZjZdl_jbklbdZ
19. F_lh^u ZgZebaZ kj_^u
20. Dexq_\u_ oZjZdl_jbklbdb wnn_dlb\ghc kljZl_]bb
21. ;Zah\u_ wlZehggu_ kljZl_]bb
22. KljZl_]bb ^hklb`_gby dhgdmj_glguo ij_bfms_kl\

23. Hkh[_gghklb kljZl_]bc djmiguo b kj_^gbo nbjf
24. KljZl_]bb jZa\blby jhbjfbaZe_hkZ
25. HljZke_\u_ kljZl_]bb
26. Nmgdpbhgevgu_ kljZl_]bb
27. JZajZ[hldZ hj]ZgbaZpbhgghc kljmdlmju \ khhl_lkl\bb
28. Lbiu hj]ZgbaZpbhgguo kljmdlmj bo ^hklhbgkl\Z b g_^
29. KljZl_]bq_kdbc \u[hj \ mkeh\byo h]jZgbq_gghklb j_kmjkh
30. KljZl_]bkqdbc \u[hj \ mkeh\byo h]jZgbq_ggh]h kijhkZ
31. <u[hj kljZl_]bb \ aZ\bkbfhklb hl wlZiZ `bag_ggh]h ijh^mdpbb
32. <u[hj kljZl_]bq_kdbo ohayckl_gguo ahg
33. KljZl_]bb ijhba\h^kl\Z \ h[eZklb Zkkhjlbf_glZ
34. Dhgdmj_glgh_ ij_bfms_kl\Zxsbc nZdkhljZl_]bq_kdh]h mk ij_^ijbylby
35. F_lh^u mijZ\e_gby dhgdmj_glguf ihl_gpbZehf ij_^ijbylby
36. ;_gqfZjdbg] <b^u b wlZiu [_gqfZjdbg]Z
37. Dhgdmj_glgu_ kljZl_]bb
38. Kihkh[u ^hklb`_gby dhgdmj_glgh]h ij_bfms_kl\Z
39. H[sZy dhgdmj_glgZy fZljbpZ Fh^_kbvedhFZdmjpZlgdmj_ ij_bfms_kl\ Fh^_ev j_Zdpbb dhgdmj_glh\
40. Kbkl_fZ fZjd_lbg]h\uo kljZl_]bc ij_^ijbylby
41. Ihgylb_ kmsghklv b hkh[_gghklb ihkljh_gby ihjln_evguo hj]ZgbaZpbb
42. FZljbpZ ;D=
43. FZljbpZ GZ/MK.
44. KljZl_]bb jhklZ FZljbpZ B :gkhnnZ
45. FZljbpZ \g_rgbo ijbh[j_l_gbc
46. H[sZy dhgdmj_glgZy fZljbpZ
47. Ihgylb_ b \b^u bggh\Zpbhgguo kljZl_]bc
48. Lbiu bggh\Zpbhggh]h ih_^_gby nbjf
49. Ki_pbnbdZ jhkkbckdbo bggh\Zpbhgguo kljZl_]bc
50. Ihgylb_ b wdhghfbq_kdbc kfuke bg_klbpbc
51. Bg_klbpbhggZy kljZ^ijbylbyij___ k\yav k h[s_c dhjih kljZl_]b_c
52. KljZl_]by f_`^mgZjh^gh]h jZa\blby nbjfu
53. P_eb b nhjfu f_`^mgZjh^gh]h jZa\blby WlZiu hj]ZgbaZpb
54. Ijyfhc g_ijyfhc wdkihjl
55. Ijhba\h^kl\h gZ aZjm[_`guo jugdZo
56. JZajZ[hldZ kljZl_]bq_kdbo jZajZ[hlZxs_]h gZ \g_rg_f jugd_
57. KljZl_]bb ijbf_gy_fu_ ijb \uoh^_ gZ \g_rgbc jughd b ij_bfms_kl\Z b g_^hklZldb
58. Ihgylb_ b lbiu kljZl_]bq_kdbo Zevl_jgZlb\
59. Ijhp_kk jZajZ[hldb kljZl_]bq_kdbo Zevl_jgZlb\
60. F_lh^u jZajZ[hldb kljZl_]bq_kdbo Zevl_jgZlb\ -ikhe_bkl\ggu_ f_lh^ wdkljZiheypbhggu_ f_lh^u kbevguo b keZ[uo kb]gZeh\
61. Dhgdmj_glguc kljZl_]bq_kdbc ih^oh^ KljZl_]bq_kdbc jZajZ[hldb kp_gZjb_\
62. KljZl_]bq_kdbc ih^oh^ gZ hkgh_ fZh^_]ehjhkZlgoyih^kolj^ hkgh_ fha]h\h]h rlmjfZ
63. KljZl_]bq_kdbc ih^oh^ ©ihkhgjumjd_ZlgZy ihabpby n KljZl_]bq_kdbc ih^oh^ gZ hkgh_ SWOT j_ZmZevbaZh\:f[bpbhag kljZl_]bq_kdbc ih^oh^

64. F_klh kljZl_]bq_kdh]h ieZgbjh\Zgby lhygylb_ dhgljhey OZjZdl_jbklbdb wnn_dlb\gh]h dhgljhey kljZl_]bq_kdh]h ieZgbjh\Zgby
65. KljZl_]bq_kdbc ieZg _]h kljZl_]bq_kdbc ieZgbjh\Zgby
66. Hkgh\gu_ wlZiu pbdeZ j_ZebaZpbb kljZl_]bb
67. <u[hj ih^oh^Z d j_ZebaZpbb kljZl_]bb KjZ\g_gb_ ih^oh^
68. MijZ\eb_g ijhp_kkhf j_ZebaZpbb kljZl_]bq_kdbo baf_g_gb
69. Wnn_dlb\ghklv kljZl_]bq_kdh]h f_g_^`f_glZ Kmsghklv kl wnn_dlb\ghklb
70. lhgylb_ dhgljhey OZjZdl_jbklbdb wnn_dlb\gh]h dhgljhey dhgljhey KljZl_]bq_kdbc dhgljhev

ojd5 tgjwjtdsts

‹ i i	GZa\Zgb_ l_fu
1.	ljbgpbiu nhjfbjh\Zgby kljZl_]bb ij_^ijbylby
2.	KljZl_]by dZd wnn_dlb\guc bgkljmf_gl mijZ\e_gby
3	KljZl_]bq_kdb_ p_eb ij_^ijbylby
4.	KljZl_]bq_kdbc ZgZeba \g_rg_c kj_^u
5.	KljZl_]bq_kdbc hZgZebaZ ij_^ijbylby
6.	Dexq_\u_ nZdlhju mki_oZ gZ hljZke_\hf jugd_
7.	:gZeba dhgdmj_gpbb gZ hljZke_\hf jugd_
8.	Dhgdmj_glgu_ ij_bfms_kl\Z <u[hj kljZl_]bb dhgdmj_glhkihkh[ghklb
9.	AZ\bkbfhklv kljZl_]bb hl wlZiZ `bag_ggh]h pbdeZ
10.	AZ\bkbfhklv kljZl_]bb hl ihabpbb nbjfu \ dhgdmj_gpb
11.	KljZl_]by fZjd_lbg]Z
12.	<u[hj kljZl_]bb ^b_jkbnbdZpbb
13.	KljZl_]by gh\h_^_gbc
14.	KljZl_]by p_ghh[jZah\Zgby
15.	KljZl_]by \g_rg_wdhghfbq_kdhc ^_yl_evghklb
16.	NbgZgkh\Zy kljZl_]by nbjfu
17.	KljZl_]by bg_klbpbhgghc ^_yl_evghklb
18.	Hp_gdZ jbkdZ bg_klbpbhgguo ijh_dlh\
19.	KljZl_]by hj]ZgbaZpbhgguo baf_g_gbc
20.	JZajZ[hldZ kljmdlmju mijZ\e_gby ^ey j_ZebaZpbb

dhff_jq_kdhf ijhba\h^kl_gghf nbgZgkh\hf b bgnhjfZpb
kbkl_fu Z lZd`_ h _^bghc ihe*public relations* [eZlhlh©_gdZf wdki_
g_h[oh^bfhklv i_j_kljhcdb ©Oª k\yaZgZ k kms_kl_ggufb nbg
\hagbdrbfb]eZ\guf h[jZahf \ j_amevlZl_ klZ]gZpbb lhj]h\u
k\h[h^guo ^_g_`guo kj_^kl\ b hkeh`g_gby \ ieZl_`guo hlgh
ih\eby\rbo gZ \aZbfh^_ckl\b_ f_`^m ih^jZa^_e_gbyfb kbkl_fu
]hkm^Zjkl\Zo Kh^jm`_kl\Z

G_kfhljy gZ fZkrlZ[ghklv aZy\e_gby j_qv b^_l \kh]yh bebr
^hklZlhqgh k_jvi_ajgkqhcd_ \ gZijZ\e_gbb dhgkheb^Zpbb b
kbkl_fu ©p_f_glbjh\Zgbyª __ hj]ZgbaZpbhggh]h kljh_gby

Вопросы для анализа:

1.1. Hij_^_ebl_ gZ hkgh_ ij_^klZ\e_gghc kblmZpbb dZdb
[ueb ijbgylu"

2.1. Kha^Zgb_ dZdh]h kljZl_]bq_kdh]h h[jZaZ ij_ke_^h\ZeZ

3.1. ?keb km^blv ih ijb_^_gghc \ur_ bgnhjfZpbb dZdb_ n
ijyfh]h \ha^_ckl\by klZeb ijbqbghc aZljm^g_gbc \ ^_yl_evghk

3.2. Hibrbl_ \aZbfhk\yav nZdlhjh\ \g_rg_c kj_^u ijyfh]
\ha^_ckl\by b bo \ebygb_ gZ hj]ZgbaZpbx

4.1. DZdmx kljZl_]bx \ujZ[hlZeh jmdh\h^kl\h kbkl_fu [bj
khhl_lkl\h\ZeZ [ukljh f_gyxsbfky mkeh\byf \g_rg_c kj_^u"

4.3. DZdh\Z j_amevlZlb\ghklv b wnn_dlb\ghklv ij_^ijbgylhc
__ kqblZlv nZdlhjhf jZa\ZeZ fhsghc kbkl_fu [bj`"

4.4. Fh`gh eb kqblZlv qlh nZdlbq_kdb [ueZ ij_^ijbgylZ
kljZl_]bx kbg_j]bafZ" Qlh l_hj_lbq_kdb g_h[oh^bfh ^ey __ m

4.5. DZdb_ ijh[e_fu ijbkmsb_ g_ihkj_^kl_ggh ^Zgghc kljZ
d g_ihemq_gbx kbg_j]bq_kdh]h wnn_dlZ"

5.1. DZdb_ fh`gh \u^_eblv dexq_\u_ dhfi_l_gpbb kbkl_fu [b

8.1. >hklZlhqgh eb [m^_l gZ ijZdlbd_ dZd hlf_q_gh \ i
kljZl_]bq_kdbfb baf_g_gbyfb dZkZxsbfbky lhevdh kljmdlm
mki_rghc j_ZebaZpbb \u[jZgghc kljZl_]bq_kdhc ebgbb jZa\bl

Ошибка 5. ljZdlbq_kdZy kblmZpby KlZ\jhihevkdbc djZc \ gZk
Ошибка 5. ljZdlbq_kdZy kblmZpby KlZ\jhihevkdbc djZc jZkiheh`_g \ p_glj_ lj_^dZ\dZavy b aZgbfZ_l ih]jZgbqgmx ah
DZ\dZahf b Jhkkb_c Q_jguf b DZkibckdbf fhjyfb Wlh k
jhkkbckdh]h \ebygby gZ DZ\dZa_ leh[sZ^\ kdjZy gb_ gZuk ydfZ
] khklZ\beh luk q_eh_d < khklZ\ djZy \oh^bl Z^fb
_]h l_jjblhjbb jZkiheh`_gh]hjh^h\ gZb[he__ djmigufb
KlZ\jhihev G_\bgghfukkd ;m^_ggh\kd =_hj]b_\kd Fbg_jZ
Dbkeh\h^kd

1 tqtesdz j tgfyfj. Hkgh\guf [h]Zlkl\hf b kj_^kl\hf ijhba\h^kl\Z
y\ey_lky a_fey L_jjblhjby djZy hlebqZ_lky -jZeabgfZ\hjZ_kdbfc
mkeh\bc GZ iehsZ^b khklZ\eyxs_c jZ_kjbehjb_gu d
\ukhdhijh^mdlb\gu_ q_jgha_fgu_ ihq\u DjZc h[eZ^Z_l hij
kujv_\hc [Zahc feg l g_hjZabZ ihfejh\hjZ_ajZ[hld_ b feg
g_nlb b fej^]ZafZg_jZa_^Zggu_ j_kmjku L_dmsb_ aZiZ
ijhfure_gguo dZl_]hjbc khklZ\eyxl feg l DjZc [h]Zl j_kmjl
ljb kmffZjguo aZiZkZo fbg_jZevguo \h^ ih^]hlh\e_gguo ^ey
\ h[t_f_ kmfl \ gZklhys__ \j_fy bkihevam_lky jZa_^Z
jZa_^Zggh]h kujvy ^ey ijhba\h^kl\Z kljhbl_evguo fZl-jbZeh
q_j_ibqgh]h kujvy fd_jZfablh\h]h kujvy fi_kdh\ ^ey kljhbl_e
jZ[hl b ijhba\h^kl\Z kbebdZlgud, bk^_ebZ\bcguo fZl_jbZeh\
feg f dZfgy kljhbl_evguo fkl_dhevgh]h kujvy. feg l

lj_a_glZpby jZlgh_ kh^_j`Zgb_ \Zr_]h \uklmie_gby \ kc
dZjlbgdZo dhjhldbo gZa\Zgb\Zo dexq_\uo keh
<gZqZe_ ih^]hlh\vl_ mklgmx aZsblm \Zr_]h ijh_dlZ
\dexqZy hkgh\gu_ wlZiu p_eb aZ^Zqb wlZiu j_amevlZlu
beexkljZpbb d k\h_fm l_dklm knhjfbjmcl_ ij_a_glZpbx

Процесс создания презентации состоит из трех этапов:

leZgbjh\Zgb_ ij_a_glZpbb h]hrZ]h\Zy ijhp_^mjZ \de
hij_^_e_gb_ p_e_c bamq_gb_ Zm^blhjbb nhjfbjh\Zgb_ kl
fZl_jbZeZ

JZajZ[hldZ ij_a_fglZpbb h]bq_kdb_ hkh[_gghklb ih^]hl
ij_a_glZpbb dexq\Zy _jlbdZevgmx b]hjbahglZevgmx eh]bd
khhlghr_gb_ l_dklh\hc b]jZnbq_kdhc bgnhjfZpbb

J_i_lbpby ij_a_glZpbb h_jdZ b hleZ^dZ kha^Zgghc ij_a_

Требования к формированию компьютерной презентации

Dhfivxl_jgZy ij_ay_ghZ gZ kh^_j`Zlv gZqZevguc b dhg_c
Kljmdlmj dhfivxl_jghc ij_a_glZpbb ^he`gZ \dexqZlv h
j_axfbjmxsmx qZklb
DZ`^uc keZc^ ^he`_g [ulv eh]bq_kdb k\yaZg k ij_^u^m
KeZc^u ^he`gu kh^_j`Zlv khZgbgZfdlZ_`^hf g_ [he__ klj
G_h[oh^bfh bkihevah\Zlv]jZnbq_kdbc fZl_jbZe
khijh\h`^Zxsbc l_dkl wlh iha\hebl jZaghh[jZablv ij_^klZ
h[h]Zlblv ^hdeZ^ \uklmiZxs_]h klm^_glZ
Dhfivxl_jgZy ij_a_glZpby ih\fh``^Zlvkhy ZgbfZpb_c qlh i
ih\ukblv wnn_dl hl ij_^klZ\e_gby ^hdeZ^Z gh Zdp_gl lhevd
l d aehmihlj_[e_gb_ bf gZ keZc^Zo fh`_l ijb_klb d ihl_j_
dhglZdlZ kh kemrZl_eyfb
<j_fy \uklmie_gby [uhe`ghhlg_k_gh k dhebq_kl\hf keZc
qlh dhfivxl_jgZy ij_a_glZpby ²dexkqZxs^Zy\ lj_[m_l ^ey \ukl
hdhe²h fbgml
lh^]hlh\e_ggu_ ^ey ij_^klZ\e_gby ^hdeZ^u ^he`gu h
lj_[h\Zgbyf
P_ev ^hdeZ^Z ^vhk`ghZfmebjh\ZgZ \ gZqZe_ \uklmie_gby
<uklmiZxsbc ^he`_g ohjhrh agZlv fZl_jbZe ih l_f_ k
[ukljh b k\h[h^gh hjb_glbjh\Zlvky \ g_f
G_^himklbfh qblZlv l_dkl kh keZc^h\ beb ih\lhjylv gZb
keZc^_
J_qv ^hqbedZZ ^he`gZ [ulv q_ldhc mf_j_ggh]h l_fiZ
>hdeZ^qbd ^he`_g bf_lv ajbl_evguc dhglZdl k Zm^blhj
lhke_ \uklmie_gby ^hdeZ^qbd ^he`_g hi_jZlb\gh b ih k
\hijhku Zm^blhjbb _keb \hijhk aZ^Zg g_ ih l_f_gylhv ij]hh^Z\Z

Требования к оформлению презентаций

ljh^mfZcl_ ieZg ij_a_glZpbb aZjZg__ G_ aZ[u\Zcl_ h[
±LblmevgZy kljZgbpZ i_j\uc keZc^
±<_^_gb_
±Hkgh\gZy qZklv ij_a_glZpbb h[uqgh kh^_j`bl g_kdhevd
±AZdexbq_g
Hnhjfe_gb_ ij_a_glZpbb
Kh[ex^Zcl_ _^bguc klbev Bahjfe_gby klbe_c dhl
[m^hl\e_dZlv hl kZfhc ij_a_glZpbb aZkheh\dgZeb p\ey b rjbn

©&DPEULDª gZ \k_o keZc^Zo aZ]heh\db ^he`gu [ulv kbgb
hkgh\gh]h rjbnlZ&DOLEULª lh \k_o keZc^Zo ijb^zlky bkihev
P_l nhgZ ij_a_glZpbb
GZ h^ghf keZc^_ j_dhf_g^m_lky bkihevah\Zlv g_ [he__ l
h^bg ^ey aZ]heh\dZ h^bg ^ey l_dklZ H[jZlbl_ \g^bhfZbgbh_kgeZ_
bkihevah\Zgeby^bl_ aZ l_f qlh[u l_dkl g_ keb\Zeky k nhghf
ijh_dlhj_ dhgljZklghklv [m^_l f_gvr_ q_f m \Zk gZ fhgblhj_
Emqrbc n±[geucbeb [ebadbc d g_fm Z emqqbjgpbebl_d
hq_gv lzfguc gml_ghdZ hBf_cl_ \ \b^m qlh q_jguc p_l nhgZ
fjZqguc ih^l_dkl ;_euc l_dkl gZ q_jghf nhg_ qblZ_lky i
qblZ_lky
Kh^_j`Zgb_ b jZkiheh`_gb_ l_dklh\hc bgnhjfZpbb rjbn
Bkihevamcl_ dhjhldb_ keh\Z b ij_^eh`_gby
JZaf_jbnlZ ± imgdlZ aZ]he±h\hdgdlh\ h[uqguc l_dkl
P_l rjbnlZ b p_l nhgZ ^he`gu dhgljZklbjh\Zlv l_dk
qblZlvky gh g_ j_aZlv]eZaZ
Lbi rjbnlZ ^ey hkgh\gh]h l_dklZ]eZ^dbc rjbnl [_a aZ
9HUGDQD hedyZ afZ]hgeh bkihevah\Zlv ^_dhjZlb\guc rjbnl _
qblZ_f <k_]^Z mdZau\Zcl_ aZ]heh\hd ikeZcgZZpdbZ`^hlh\kedZrd
kemrZl_ev \ ex[hc fhf_gl ^he`_g ihgbfZlv h qzf k_cqZk j_qv
Dmjkb\ ih^q_jdb\Zgb_ `bjguihbrkbnl [md\u j_dhf_g^
bkihevah\Zlv lhevdh ^ey kfukeh\h]h \u^_e_gby njZ]f_glZ l_d
lj_^ihqlbl_evgh]hjbahglZevgh_ jZkiheh`_gb_ bgnhjfZp
bgnhjfZpby ^he`gZ jZkiheZ]Zlvky \ p_glj_ wdjZgZ
?keb gZ keZc^_ bf__lky dZ^jhe`gZ jZkiheh`lvky ih^ g_c
kiehrghc l_dkl Emqr_ bkihevah\Zlv fZjdbjh\Zgguc b gmf_jh\
lhfgbl_ qlh wdjZg gZ dhlhjhf \u [m^_l_ ihdZau\Zlv ij_
[m^_l ^hklZlhqgh ^Ze_dh hl ajbl_e_c lj_a_gdlZrp_byq[m^gZ \Z]e
wdjZg_ \h \j_fy kha^Zgby
Hlhc^bl_ hl wdjZgZ dhfi±vxf_jZZ gbZ ihiulZcl_kv ijhq_klv
ij_a_glZpbb ?keb keZc^u qblZxlky k ljm^hf m_ebqb\Zcl
\f_sZ_lky gZ h^bg keZc^ jZa[_cl_ _]h ^gZ\ ]eZ\gh[he_glh
ij_a_glZpby [ueZ m^h[ghc ^ey ijhkfhljZ
H[t_f bgnhjfZpbb
G_ klhbl aZihegylv h^bg keZc^ kebrdhf [hevrbf h[t_fh
fh]ml _^bgh\j_f_ggh aZihfgblv g_ [he__ lj_o nZdlh\ \u\l
iheghklvx aZiheg_gdmqrkeZc^f i_j_iheg_gguc
GZb[hevrZy wnn_dlb\ghklv ^hklb]Z_lky lh]^Z dh]^Z
hlh[jZ`Zxlky ih h^ghfm gZ dZ`^hf hl^_evghf keZc^_
>_eZcl_ keZc^ ijhs_ M Zm^blhjbb \k_]h hdheh fbgmlu g

Общие рекомендации

HNHJFE?GB? KE:C>H<	
Klbev	Kh[ex^Zcl_ _^bguc klbev hnhjfe_gby Ba[_]Zcl_ klbe_c dhlhju_ [m^ml hl\e_dZlv hl kZfl <kihfh]Zl_evgZy bgnhjfZpby mijZ\eyxsb_ dghidb gZ^ hkgh\ghc bgnhjfZpb_c l_dkl jbkmgdb
Nhg	>ey nhgZ \u[bjZcl_ [he_lhgZehkbguc a_e_guc
Bkihevah\Zgb_	GZ h^ghf keZc^_ j_dhf_g^m_lky bkihevah\Zlv g_ nhgZ h^bg ^ey aZ]heh\dh\ h^bg ^ey l_dklZ >ey nhgZ b l_dklZ bkihevamcl_ dhgljZklgu_ p_lZ H[jZlbl_ hkh[h_ \gbfZgb_ gZ p_^h]bihkeubkihev

:gbfZpbhggu_ w	Bkihevamcl_ \hafh`ghklb dhfivxl_jghc ZgbfZpbb ^ bgnhjfZpbb gZ keZc^_ :gbfZpbhggu_ wnn_dlu g_ ^he`gu hl\e_dZlv \gbfZ bgnhjfZpbb gZ keZc^_
IJ?>KL:<E?GB? BGNHJF:PBB	
Kh^`Zgb_ bgnhjfZpbb	Bkihevamcl_ dhjhldb_ keh\Z b ij_^eh`_gby Fbgbfbabjmcl_ dhebq_kl\h ij_^eh]h\ gZj_qbc ijb AZ]heh\db ^he`gu ijb\e_dZlv \gbfZgb_ Zm^blhjbb
JZkiheh`_gb_ bgnhjfZpbb gZ k	lj_^ihqlbl_evgh]hjbahglZevgh_ jZkihehb`_gb_ bgn GZb[he__ \Z`gZy bgnhjfZpby ^he`gZ jZkiheZ]Zlvk ?keb gZ keZc^_ jZkiheZ]Z_lky dZjlbgdZ gZ^ibkv
Rjbnlu	>ey aZ]hehb\dZ_g__ >ey bgnhjfZgbbf_g__ Rjbnlu [_a aZk_q_d e_]q_ qbjZkhlhkyghbyvrh]h G_evay kf_rb\Zlv jZagu_ lbiu rjbnlh\ \ h^ghc ij_a >ey \u^_e_gby bgnhjfZpbb ke_^m_l bkihevah\Zlv ih^q_jdb\Zgb_ ljhibkgu_ [md\u qblZxlky om`_ kljhqguo
Kihkh[u \u^_e_g bgnhjfZpbb	Ke_^m_l bkihevah\ZjZvgbjjZudaZeb\dm jZagu_ p_l rljboh\dm klj_edb jbkmgdb ^bZ]jZffu ko_fu ^ey \Z`guo nZdlh\
H[t_f bgnhjfZpb	G_ klhbl aZihegylv h^bg keZc^ kebrdhf [hevrbf h[fh]ml _^bgh\j_f_ggh aZihfgblvrgZd[he_\ulh^h\ hij GZb[hevrZy wnn_dlb\ghklv ^hklb]Z_lky lh]^Z dh] hlh[jZ`Zxlky ih h^ghfm gZ dZ`^hf hl^_evghf keZc^
<b^u keZc^h\	>ey h[_ki_q_gby jZaghh[jZaby ke_^m_l bkihevah\ l_dklhf k lZebkpZbZ]jZffZfb

9. ¹ j t q u d z q d W s t e 3 u q s d z = s j = d s d s c q ²

.DVSHUVN\ (QGSRLQW 6HFXULW\ ^ey [bag_kZ KlZ DZki_jkdh]hª

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- Microsoft Windows Professional XP, 7, 8, Server Russian;
- Microsoft Office 2003-2016 Russian.

10. ∫ O s j t q [O z d s - s j = d q u f f O v в O O

Mq_[gZy Zm^blhjby ^ey ijh_^_gby aZgylbc e_dpbhggh]jmiih\uo b bg^b\b^mZevguo dhgkmevlZpbc l_dms_]h dh Zll_klZpbb] Kfhe_gkd me lj`_\Zevkdh]h ^ mq d

KlZg^ZjlgZy mq_[gZy f_[_ev mq_[guo ihkZ^hqguo f ij_ih^Z\Zl_ehy ±rl

DZn_^jZ ^ey e_dlhjZ ±

>hkdZ gZkl_ggZy lj_owel_f_glgZy ±

ljh_dpbhgguc wdjZg r/B0$ ±

Fmevlbf_^bZijh_dlhjr$FHU ±

Ghml[md +3rl ±

Dhehgdb *HQrLXV ±

lhf_s_gb_ ^ey kZfhklhyl_evghc jZ[hlu] Kfhe_gk ^ mq dhjimk < Zm^ dhfivxl_jgZy eZ[hjZlhjby k \uoh^

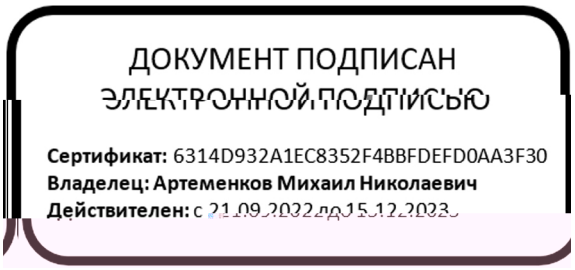
Dhfivxl_jguc klm^_gq_kdhbc klhe ±

Dhfivxl_jgkuldhe ^ey ij_ih^Z\Zrl_ey ±

Bgl_jZdlb\gZy ^hkdZ ,4%RDUG

Fmevlbf_^bZ ijh_dlhjr 329SDMP

i_jkhgZevguo dhfivxl_jh\ k \uoh^hf \ Bgl_jg_l


ДОКУМЕНТ ПОДПИСАН
ЭЛЕКТРОННОЙ ПОДПИСЬЮ
Сертификат: 6314D932A1EC8352F4BBFDEFD0AA3F30
Владелец: Артеменков Михаил Николаевич
Действителен: с 21.09.2022 по 15.12.2023