

JZ hqZy i j h]j Z f Zm [ghc ^bkpbi ebgu ©Bgnhj f Z bdZb bgnhj f Zpbhggh dhf f ngbdZ b\gu_

	KH>?J@:GB?	KlJZgb
1	I:KIHJL J:;HQ?C IJH=J:FFU MQ?;GHC >BKPE	4
2	KLJMDLMJ: B KH>?J@:GB? >BKP,BIEBGU	5
3	MKEH<BY J?:EBA:PBB MQ?;GHC >BKPBIEBG	10
4	DHGLJHEV B HP?GD: J?AMEVL:LH< HK<H?G >BKPBIEBGU	12

I:KIHJL J:;HQ?CHI=J:FFU MQ?;GHC P>BIK B G U
H[eZklv ijbfg_gby ijh]jZffu
JZ[hqZy ijh]jZffZ mq_[ghc ^bkpbiebgu fh`_l [ulv bkihevah
dhffmgbdZlb\gu_ l_aogv\ehy]blky qZklvx hkgh\ghc ijhn_kl
h[jZah\ZI_evghc ijh]jZffu \ khhI_lkl\bb k Nb=KKh ih ki_p_l_mZ_e_v_g_h
JZ[hqZy ijh]jZffZ mq_[ghc ^bkpbiebgu fh`_l [ulv bkihevah
ijhn_kkbhgZevghf h[jZah\Zgbb \ ijh]jZffZce bi h\budZpb b i_j_ih
b ijhn_kkbhgZevghc ih^hlh\d_bih ki_p_l_mZ_e_v_g_h
F_klh mq_[ghc ^bkpbiebgu \ kljmdlmj_ hkgh\ghc
h[jZah\ZI_evghc ijh]jZffZpbiebgZ \oh^bl \ fZI_fZlBq_kdbc b h[sl
gZmqguc pbde
P_eb b aZ^Zqb mq_[ghc ^bkpbiebgu j_amevlZIZf hk\h
^bkpbiebgu
< j_amevlZI_ hk\h_gby mq_[ghc ^bkpbiebgu h[mqZxsbcy ^
kh[ex^Zlv ijZ\beZ l_ogbdb [_ahiZkghklb b]b]b_gbq_kd
bkihevah\Zgby\kBDL \ ijhn_kkbhgZevghc ^_yl_evghklb
kha^Z\Zlv j_^Zdlbjh\Zlv hnhjfeylv khojZgylv i_j_^Z\Zlv
jZaebqgh]h lbiZ k ihfsvx kh\j_f_gguo bgnhjZpbhgguo l_og
h[jZah\ZI_evgh]h ijhp_kkZ
hkms_kl\eylv h[ex^Zlv ijh]jZff \ khhI_lkl\bb k \hajZklhf
ikboheh]bq_kdh]h jZa\blby h[mqZxsbcy \hkiblZggbdh\
bkihevah\Zlv k_j\bku b bgnhjZpbhggu_ j_kmjku k_lb Bgl_
^_yl_evghklb
< j_amevlZI_ hk\h_gby mq_[ghc ^bkpbiebgu h[mqZxsbcy ^
ijZ\beZ l_ogbdb [_ahiZkghklb b]b]b_gbq_kdb_ lj_[h\Zgby
BDL \ h[jZah\ZI_evghf ijhp_kk_
i_j_^Zqb b ihbkdZ bgnhjZpbhgguo h[t_dlh\ jZaebqgh
]jZnbq_kdbo qbkeh\uo b li k ihfsvx fgh\j_kj_g_ku b ijh]jZf
\hafh`ghklb bkihevah\Zgby j_kmjkh\ k_lb Bgl_jg_l ^e
ijhn_kkbhgZevghc ^_yl_evghklb ijhn_kkbhgZevgh]h b ebqgh]h
ZiiZjZlgh_ b ijh]jZffgh_ h[_ki_q_gb_ ID ijbfg_y_fh_ \
^_yl_evghklb
Ebqghklgu_amevlZlu j_Zebam_fu_ \ oh^_ bamq_gby

EJ	HkhagZxsbc k_[y]jZ`^Zgbghf b aZsblgbdhf _ebdf
EJ	ljhy\eyxsbc Zdlb\gmx]jZ`^Zgkdmx ihabpbx ijb_j`_gghklv ijbgpbiZf q_klghklb ihjy^hqq wdhghfbqZkdb\guc b mqZkl\mxsbc \ klm^_gq_kdh kZfhmijZ\e_gbb \ lhf qbke_ gZ mkeh\byo ^h[j \ aZbfh^_ckl\mxsbc b mqZkl\mxsbc \ ^_yl_evghklb
EJ	Kh[ex^Zxsbc ghjfu ijZ\hihjy^dZ ke_^mxZs`b`Z g l e h[s_kl\Z h[_ki_q_gby [_ahiZkghklb ijZ\ b k\h[h^ mklZgh\dZf b ijhy\e_gbyf ij_^klZ\bl_e_c km[dmevl k ^_kljmdl\guf b ^_\bZglguf ih_^_gb_f >_fhgk ij_^mij_`^Zxsbc k l p b i z k v g h _ ih \ _ ^ _ gb _ hdjm`Zxsbc

EJ	ljhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ex^y p_gghklv kh[kl_ggh]h ljm^Z Klj_fysbcky d nhjft ebqgghklgh b ijhn_kkbhgZevgh]h dhgkljmdlb\gh]h @
EJ	>_fhgkljbjmxsbc ijb_j`_gghklv d jh^ghc dmevlmj_ hkgh_ ex[\b d Jh^bg_ jh^ghfm gZjh^m fZehc jh^ p_gghkl_c fgh]hgZpbhgZevgh]h gZjh^Z Jhkkbb
EJ	ljhy\eyxsbc m\Z`_gb_ d ex^yf klZjr_]h ihdhd mgdZk khpzbZevghc ih^^_j`d_ b \hehgl_jkdbo ^\b`_gbyo
EJ	HkhagZxsbc ijbhjbl_lgmX p_gghklv ebqghklb kh[kl_ggmx b qm`mx mgbdzevghklv \ jZaebqguo \b^Zo ^_yl_evghklb
EJ	ljhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ij_^klZ\bl_e wlghdmevlmjguo khpbZevguo dhgn_kkbhgZevguo KhijbqZklguc d khojZg_gbx ij_mfgh`_gbx b l ljZ^bpbcb p_gghkl_c fgh]hgZpbhgZevgh]h jhkkbc
EJ	Kh[ex^ZxsbiqhbZ]Zg^bjmxsbc ijZ\beZ a^hjh\h]h b `bagb kihjlZ ij_^mij`^Zxsbc aZ\bkbfbhklb h ikbohZdlb\guo _s_kl\ ZaZjlguo b]j b l^ KhojZ mklhcqb\hklv \ kblmZlb\gh keh`guo beb klj_frb Z_pbv
EJ	AZ[hlysbcky h aZsbl_ hdjm`Zxs_c kj_^u kh[kl_g lhf qbke_ pbnjh\hc
EJ	ljhy\eyxsbc m\Z`_gb_ d wkl_lbq_kdbf p_gghklyf wkl_lbq_kdhc dmevlmju
EJ	ljbgbfZxsbc k_f_cgu_ p_gghklb^Z]g bh\ukc fdv bk lba \h ^_l_c ^_fhgkljbjmxsbc g_ijbylb_ gZkbeby \ k_fv hl_lkl_gghklb hldZaZ hl hlgbr_gbc kh k\hbfb kh^_j`Zgby

J_dhf_g^m_fh_ dhebq_kl\h qZkh\ gZ hk\h^gk p b j b j Z f u
fZdkbfZevghc mq_[ghc gZ]jma47qZ]kh q Zxsh]hck_ ke_
h[yaZl_evghc Zm^blhjghc mq_[ghc gZ]jma47qZ]kh h[mqZxs_]hky
kZfhklhyl_evghc jZ[hlu h47mqZ]kh_]hky

2 KLJMDLMJ: B KH>?J@:GB? MQ?;GHC >BKPBIE
 2 H[tmq_[ghc ^bkpbiebgub\b^u mq_[ghc jZ[

<b^ mq_[ghc jZ[hlu	H[t_f qZkh
FZdkbfZevgZy mq_[gZy gZ]jmadZ \	147
H[yaZI_evgZy Zm^blhjgZy mq_[gZy	100
\ lhf qbke_	
ijZdlbq_kdb_ aZgyIby	64
KZfhklhyl_evgZy jZ[hIZ h[mqZ]h	47
\ lhf qbke_	
<g_Zm^blhjgZy kZfhklhyl_evgZy jZ[hIZ	47
Blh]h\Zy Zll_klZpbfy ^bnn_j_gpbjhaZgghZ]h	

2.2. L_fZlBq_kdbc ieZg b kh^_j`Zgb_mq_[gh]h fZl_jbZeZ ijZdlBq_kdb_ j H[t_f Mjh_g
 jZa^_eh\ b l_f kZfhklhyl_evGZy jZ[hIZ klm^_glh\ qZkh\ hk\h_g

GZbf_gh\Zgb_ jZa^_eh\ b l_f	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ ijZdlBq_kdb_ j kZfhklhyl_evGZy jZ[hIZ klm^_glh\	H[t_f qZkh\	Mjh_g hk\h_g
1	2	3	4
1 k_f_klj			
JZa^_ BgnhjZpby b bgnhjZpbhggu_ ijhp_kku			
L_fZ Hkgh\gu_ ih^oh^ bgnhjZpbb b baf_j_gbx b	BgnhjZpbhggu_ h[t_dlu jZaebqguo \b^h\ Mgb_jkZevghk ij^klZ\^e_gby bgnhjZpbb	4	1
	lj^klZ\^e_gb_ bgnhjZpbb kqbkf_ kqbke_gby l_j_h^ b kqbke_gby \^jm]mx	6	
L_fZ ljbgbpiu h[jZ[hld bgnhjZpbb dhfivxl_jhf	:e]hjbifu b kihkh[u bo hibkZgby Dhfivxl_j dZd bkihegbl_	6	1
	<g_Zm^blhjgZy kZfhklhyl_evGZy jZ[hIZ h[mqZxsboky ^KhklZ\blv Ze]hjbif j_r_gby aZ^Zqb bkgZjfk'h\Zlv _]h ^J_n_jZl gZ l_fm @ljb_f_ju dhfivxl_jguo fh^_e_c jZaebqguo	3	3
L_fZ OjZg_gb_ bgnhj h[t_dlh\ jZaebqguo \b^h\ pbnjh\uo ghkbl_eyo	>bkdj_lgh_ pbijh^klZ\^e_gb_ l_dklh\hc j]Znbq_kdhc a\m	6	1
	OjZg_gb_ bgnhjZpbhgguo h[t_dlh\ jZaebqguo \b^h\ gZ jZ	4	
	<g_Zm^blhjgZy kZfhklhyl_evGZy jZ[hIZ h[mqZxsboky ^J_kha^Zgguchf]hs b ihbkdZ bgnhjZpbb k bkihevah\Zgb_f dhf	3	3
JZa^_e Kj_^kl\Z bgnhjZpbhgguo b dhffmgbdZpbhgguo l_ogheh]bc			
L_fZ :jobl_dlmjZ dhfi <g_rgb_ mkljhckl\Z	Hkgh\gu_ oZjZdl_jbklbdb dhfivxl_jh\ Fgh]hh[jZabm_kbjhfc	4	1
	<g_Zm^blhjgZy kZfhklhyl_evGZy jZ[hIZ h[mqZxsboky @Fgh]hh[jZab_ dhfivxl_jh\^a'	3	
L_fZ <b^u ijh]jZffgh]h h[_ki_q_gby dhfivxl_jh\	<b^u ijh]jZffgh]h h[_ki_q_gby]dhfivxl_jh\le_dIZpbb dhfivxl jZ[hq_]h f_klZ \khhl_lkl\bb k p_eyfb _]h bkihevah\Zgby	4	1
	ljZdlBq_kdZy jZ[hIZ k hi_jZpbhgguo kl_fhc	2	
	<g_Zm^blhjgZy kZfhklhyl_evGZy jZ[hIZ h[mqZxsboky ^lj @Hj]l_ogbdZ b ijhn_kkby	3	3
JZa^_e L_ogheh]bb kha^Zgby b ij_h[jZah\Zgby bgnhjZpbhgguo h[t_dlh\			

L_fZ kbkl_fu	GZklhevgu_ ba^	ljZdlbq_kdZy <jZ[h^Z\beZ gZ[hjZKhdkZg_b_gmf_jh\Zgguo b fgh]hmjh\g_\uo' kibkdh\	2	2
		<g_Zm^blhjgZy kZfhklhyl_evGZy jZKhlZ^Zl[mqZdmb_oby \^0LF >hdmf_gl ^he`_g kh^_j`Zlv l_dkl ba mq_[gbdh\ ih ki_ [mo]Zel_jkdbc mq_l H[yaZl_evgh gZebqb_ fZl_fZlBq_kdb	3	2
		ljZdlbq_kdZy <jZ[h^Zu^_e_gb_ b dhibjh\Zgb_ njZ]f_glh\ l_d ijZ\hibkZgby b i_j_\h^u l_dklZ'	2	3
		ljZdlbq_kdZy <jZ[h^Z[hIZ k lZ[ebpZfb <deZ^dZ FZd_l JZa yq__d \ lZ[ebp_ M^Ze_gb_ kljhd' b klhe[ph\ lZ[ebpu	2	2
		<g_Zm^blhjgZy kZfhklhyl_evGZy jZBklZ^eh[amq_Zg_bbojkZyaebqq \kljh_gguo nmgdpbc ijb h[jZ[hld_ qbkeh\uo ^Zgguo'	3	3
L_fZ we_dljhgguo lZ[ebp	<hafh`ghklb ^bg	ljZdlbq_kdZy <jZ[h^ZfZlBq_kdZy h[jZ[h^Zggbk'eh\uo	2	2
		ljZdlbq_kdZy <jZ[MSExcel Hkgh\u jZ[hlu \ ij]jZff_ Bgl_jn_ Kha^Zgb_ b baf_g_gb_ jZ[hq_c dgb]b b ebklh\ GZkljhcdZ jZkq_lh\	2	2
		<g_Zm^blhjgZy kZfhklhyl_evGZy jZKhlZ^ZhgguoZkZbeokpyu ^JZ ijhf_`mlhqquo blh]h\	3	
		ljZdlbq_kdZy <jZ[h^ZjZlBjh\Zgb_ yq__d Baf_g_gb_ nhjfZl Baf_g_gb_ \g_rg_]h \b^Z ^Zgguo \ aZ\bkbfhklb hl bo agZ	2	3
L_fZ ;Zau ^Zgguo b K		lj_^klZ\e_gbj]Zg_baZpbb [Za ^Zgguo b KM;> KljmdlmjZ ^Z gZ ijb_f_jZo [Za ^Zgguo jZaebqgh]h gZagZq_gby Bkiheva mq_[guo aZ^Zgbc ba jZaebqguo ij_^f_lguo h[eZkl_c	4	2
		<g_Zm^blhjgZy kZfhklhyl_evGZy jZKhlZ^ZhgguoZkZbeokpyu ^JZ hij_^_e_ggmX l_fm'	3	
Blh]h\h_ aZgyIb_		H[h[s_gb_ ijhc^_ggh]h mq_[gh]h fZl_jbZeZ lh^_^_gb_ blh]h\ ih j_amevlZlZf h[mq_gby aZ k_f_klj	2	3
		<k_]h aZ k	50	2
2 k_f_klj				
JZa^_BgnhjZpbhggZy ^_yl_evghklv q_eh_dZ				

L_fZ <b^u ijhn_kkbhg	ljZdlbq_kdZy qZ[hI3Zhgylb_ b deZkkbnbdZpby ijh]jZffgh]h h	2	2
bgnhjZpbhgghc ^_yl_ev	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k ijh]jZffguf h[_kWindowsMS Office,	4	2
k bkihevah\Zgb_f l_ogbq_	Zglb\bjmkgu_ ijh]jZffu ^jZc\ _jZ mkljhckl\`	3	3
bgnhjZpbhgguo j_kmjkh\	<g_Zm^blhjgZy kZfhklhyl_ev gZy jZ[hI3Z[hIZ k ijh]jZffguf		
JZa^_e BgnhjZpby b	bgnhjZpbhgguo_ ijhp_kku		
L_fZ ljbgbpiu h[jZ[hI3	ljZdlbq_kdZy qZ[hI3Zjh_ ^_gb_ bkke_ ^h\Zgby \ l_ogbq_kdh	2	2
bgnhjZpbb dhfivxl_jhf	bkihevah\Zgby]hlh\hc dhfivxl_jghc fh^_eb`	2	
	ljZdlbq_kdZy qZ[hI3Z[hkljh_gb_ Ze]hjbIfh\ b kihkh[u bo hib	2	3
	<g_Zm^blhjgZy kZfhklhyl_ev gZy jZ[hIZ h[mqZxsboky ^3>b		
L_fZ OjZgg_rghjZpbhgg	ij_^klZ\ e_gb_ l_dklh\hc]jZnbq_kdhc a\mdh\hc bgnhjZp	2	
h[t_dlh\ jZaebqguo \b^h\	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k Zjob\hf ^Zgguo kha^Zgb_ ba	2	
pbnjh\uo ghkbl_eyo	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k Zjob\hf ^Zgguo kha^Zgb_ ba	2	2
L_fZ lhbkd bgnhjZpb	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k Zjob\hf ^Zgguo kha^Zgb_ ba	2	
bkihevah\Zgb_f dhfivxl_jZ	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k Zjob\hf ^Zgguo kha^Zgb_ ba	2	
L_fZ l_j_^ZqZ bgnhjZ	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k Zjob\hf ^Zgguo kha^Zgb_ ba	2	
dhfivxl_jZfb	ijZjZf_ljh\`	2	
L_fZ MijZ\ e_gb_ ijhp	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k :KM jZaebqguo\ b^h\`	4	
	<g_Zm^blhjgZy kZfhklhyl_ev gZy jZ[hI3Z[hIZ k ijh]jZffguf	4	3
	ljZaebqguo \b^h\ :KM gZ ijZdlbd_`		
JZa^_e Kj_^kl\Z bgnhjZp	bgnhjZpbbhgguo b dhffmgbdZpbhgguo l_ogheh]bc		
L_fZ :jobl_dlmjZ dhfi	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k \g_rgbfb mkljhckl\Zfb`	2	2
<g_rgb_ mkljhckl\Z			
L_fZ2 EhdZevgZy k_lv	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k ijh]jZffguf b ZiiZjZlguf h[_ki_	4	
	dhfivxl_jguo k_l_c`	2	3
	<g_Zm^blhjgZy kZfhklhyl_ev gZy jZ[hI3Z[hIZ k ijh]jZffguf	4	2
	ljZdlbq_kdZy qZ[hI3ZZ[hIZ k Zglb\bjmkgufb ijh]jZffZfb aZ		

L_fZ ;_ahiZkghklv]b wj]hghfbdZ j_kmjkhk[_j_	<g_Zm^blhjgZy kZfhklhyl_ evgZy jZl]hlnZb b Zrd bZq_skbobky f_3^le iy dhfivxl_jgh]h jZ[hq_]h f_klZ \ khhl_lkl\bb k_]h dhfie_dl ^_yl_ evghklb'	2	3
JZa^_e L_ogheh]bb kha^Zgby b ij_h[jZah\Zgby bgnhjZpbhgguo h[t_dlh\			
L_fZ ;Zau ^Zgguo b K	ljZdlbq_kdZy <jZ[h]Z[h]hjbh\Zgby]hkh\ ^ey jZ[hlu k we_dljhg dZlZeh]Zfb [b[ebhl_d fma__\ dgb]hba^Zgby KFB \ jZfdZ ij_^f_lguo h[eZkl_c'	2	2
	<g_Zm^blhjgZy kZfhklhyl_ evgZy jZk]hla^ Zgby]Zes bdlj]hgghc	2	3
L_fZ lj_^klZ\^e_gb_ h ijh] kj^Zo dhfivxl_jghc]jZnb q_jq_gby fmevlbf_^bZ kj.	ljZdlbq_kdZy <jZ[h]Z[h]Z[h]Z kh kdZg_jhf <klZ\dZ bah[jZ`_gb ^hdmf'_gl	2	2
	ljZdlbq_kdZy <jZ[h]Z[h]Z[h]Z k ijh]jZffhEin\$541D<GHU KdZgbjh\Z jZkihagZ\Zgb_ ijh_jdZ b khojZg_gb'_ l_ogbq_kdh]h l_dkl	2	
	<g_Zm^blhjgZy kZfhklhyl_ evgZy jZk]hla^ Zgby]Zes bdlj]hgghc fmevlbf_^bcguo k]jt_ ^klh\Zfb dhfivxl_jguo ij_a_glZpbc'	3	3
JZa^_e L_e_dhffmgbdZpbhgguo_l_ogheh]bb			
L_fZ L_ogbq_kdb_ b i	ljZdlbq_kdZy <jZ[h]Z[h]Z[h]Z k jZaebqgufb [jZma_jZfb gZklj <g_Zm^blhjgZy kZfhklhyl_ evgZy jZk]hla^ Zgby]Zes bdlj]hgghc Bgl_jgKFB Bgl_]j]e bhl_dhc'	2	2
		2	3
L_fZ F_lh^u kha^Zgby khijh\h`^_gby kZclZ	ljZdlbq_kdZy <jZ[h]Z[h]Z[h]Z kha^Zgb_ kZclZHT]MLihfhsb <g_Zm^blhjgZy kZfhklhyl_ evgZy jZk]hla^ Zgby]Zes bdlj]hgghc ^3kZc	2	2
		4	3
Blh]h\h_ aZgyIb_	ljZdlbq_kdZy <jZ[h]Z[h]Z Blh]h\Zy h[yaZl_ evgZy dhgljhevgZy jZ[h]Z ih ijhc^_gghf	2	3
Ijhf_`mlhqgZy Zll_klZpby	ljZdlbq_kdZy <jZ[h]Z[h]Z H[h[s_gb_ ijhc^_ggh]h mq_[gh]h fZl_jbZeZ >bnn_j_gpbjh\Zgub	2	3
	<k_]h kZf_kl		
	FZdkbfZevgZy mq_[gZy	147	

MKEH<BY J?:EBA:MPG?;GHC >BKPBIEBGU

Lj_[h\Zgby d fbgbfZevghfm\ZlghjZkdgfm h[_ki_q_gbx
J_ZebaZpby mq_[ghc ^khpbigZgnpljgh]h dZ[bg_lZ

DZ[bg_l bgnhjZpbfmgghbdZpbhgguo l_ogheh]bc <
hkgZs_gb_
dhfivxl_jgu_ khheru
klmeyy rl
klhe ij_ih^Z\Zlrey
klme ij_ih^Z\Zlrey
bgl_jZdlb\gZy^ hkdZ
ijh_dlhj rl
i_jkhgZevghfvxl_j ij_ih^Z\Zlrey
a\m-dmkbebl_evduc dhfle_dk
i_jkhgZevgu_ dhfivxl_ju±klm^_glh\
kbkl_fgh_ b ijbdeZ^gh_ ebp_gabhggh_ ijh]jZffgh_ h[_ki_q_gb_
\uoh^ \ bgl_jg_l

3.3 BgnhjZpbhggh_ h[_ki_q_gb_ h[mq_gby

l_j_q_gv j_dhf_gm^m [fguoo ba^Zgbcj_BgnhjZpbfmggh\l^hihegbl_evghc ebl_jZ
J_dhf_g^m_fZy ebl_jZlmjZ

1. ;_ey_\Z L F Dm^bgh\ : L lZevygh\Z G < ljZ\h\Zy bgnhjZl
ijbdeZ^gh]h [ZdZeZ\jbZIZ j_^ Qm[mdh\Z K = F XjZcl
2. =Zkfh\Z K ? KhpbZevgZy bgnhjZlbdZ Mq_[gbd b ijZdlbdfm ^e
k
3. =beyjh\Z F = BgnhjZlbdZ ^ey f_^bpbgkdbo dhee_`_c Mq_[g
4. =jhr_\ : K AZdeydh\ l < BgnhjZlbdZ Mq_[gbd. F >FD lj_k
5. >Zebg]_j < : Kbfhg`_gdh\ K > BgnhjZlbdZ b fZl_fZlbdZ
hilbfbaZpby \ 0DWKFDG b 0DSOH Mq_[gbd b ijZdlbdfm ^ey \m
6. BgnhjZlbdZ ^ey wdhgghfbklh\ Mq_[gbd ^ey [ZdZeZ\jbZIZ b ki_p
F XjZcl k
7. BgnhjZlbdZ ^ey wdhgghfbklh\ Mq_[gbd ^ey KIH j_^ lheydh\ <
8. GZ[bmeebgZ K G BgnhjZlbdZ b BDL Dmjk e_dpbc F EZgv
9. Gh\h`beh\ H l BgnhjZlbdZ Mq_[gbd F XjZcl k
10. lhih\ :F Khlgbdh\ < G GZ]Z_\Z ? B BgnhjZlbdZ b fZl_fZlbdZ
j_^ lhih\ : F F XjZcl k
11. ljZ\h\Zy bgnhjZlbdZ Mq_[gbd b ijZdlbdfm j_^ Wevdbg < >
12. Khnjhgh\Z G < ;_evqmkh\ : ^bdZ_h]jrbg_bbyl BgnhjZlbd_ Mq_[
F XjZcl k
13. Ljhnbfh\ < < BgnhjZlbdZ Mq_[gbd ^ey ZdZ^_f\oq\kfdZ]h l[ZfdZ
F XjZcl k
14. Nbebfhgh\Z ? < BgnhjZlbdZ b bgnhjZpbhggu_ l_ogheh]b
^_yl_evghklb Mq_[gbd F Xklbpy k
15. Oe_[gbdh\ : : BgnhjZlbdZ Mq_[gbd F N_gbdk k
16. PZpdbgZ ? l PZj_]hjh^p_\ : < BgnhjZlbdZ b f_lh^u fZl_fZl
f_lh^bq_kdh_ ihkh[b_ < qZklyo QZklvjhkiBgnhjZlbdZ k
17. Rf_e_\Z : = EZ^ugbg : B BgnhjZlbdZ BgnhjZpbhg
ijhn_kkbhgZevghc ^_yl_evghklb 0LFURVRIW :RUG 0LFURVRI
j_r_gby ijhn_kkbhgZevguo aZ^Zq F E?G:G> k

Bgl_jg-j_kmjk

1. BgnhjfZlbdZ b BDL Nh <http://ru.wikipedia.org/w/index.php>
2. Fbj bgnhjfZlbdb NhjfZ ^hklmiZ KWWS MJN XFRJ UX GLU
3. <bjlmZevguc dhfivxl_jguc fma_c NhjfZ ^hklmiZ KWWS ZZZ
museum.ru/index.php
4. ?`_g_^_evgd © > Bgndwv. directorinfaru
5. We_dljhggZy [b www.allbest.ru/librarieshtm
6. ?>BGH? HDGH ^hklmiZ d h[jZah\ <http://wigoofw.edukumjkZf>

4. DHGLJHEV B HP? GADMEJ/L:LH< HK<H? B B F B E B G U

J_amevlZl\mq_gby hk\h_ggu_mf_gby mk\h_g	Nhjfub f_lh^u dhgljhey b hp_gdb j_amevlZlh\ h[n
1	2
< j_amevlZI_ hk\h_gby mq_	[ghc ^b k p hie`b gu nff_m q Zxs bcky
Bkihevah\Zlv ghjfZlb\gmx ^h kijZ\hqquc fZI_jbZe \ k\h_c ijhn_kkbhgZevghc ^_yl_evgh	Hp_gdZ j_amevlZlh\ kZfhklhy
Bkihevah\Zlv dhfivxl_jgmx l j_`bf_ ihevah\ZI_ey	GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc ^hdmf_gIZfb k ijbfg_gb_ \uqbkebl_elv`gdb
JZajZ[hIZlv ijhba\h^kl_ggm ij_^ijbylby _]h kljmdlmjguo ih^jZa^_e_gbc	Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ lj_a_gIZpby ijh_dlh\ Zk[lhly
JZkkqblu\Zlv ijhba\h^kl_gg iZjZf_lju ihlh dZ	Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ Zk[lhly
JZkkqblu\Zlv ghjfu \j_f_gb nhlh]jZnbx b ojhghf_ljZ` jZ[\j_f_gb	Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ Zk[lhly
<u[bjZlv hilbfZevguc \ZjbZg l_ogheh]bq_kdh]h ijhp_kkZ	GZ[ex^_gb_ b hp_gdZ \uiheg l_ogheh]bq_kdbo hi_jZpbc \ j
JZkkqblu\Zlv hl^_evgu_ ihdZ bkihevah\Zgby ljm^h\uo b n j_kmjkh\ hg hmq Z k k p hie`b gu ag Zlv	Hp_gdZ j_amevlZlh\ kZfhklhy klm^_glh\ Zk[lhly
< j_amevlZI_ hk\h_gby mq_	hg hmq Z k k p hie`b gu ag Zlv
Hkh[_ggk lb hljZkeb b i_jki jZa\b lby \ kh\j_f_gguo mkeh	Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhy GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby Jm[_`gZy dhgljhevgZy jZ[hIZ lbkvf_gguc aZq_l ih jZa^_em lj_a_gIZpby ijh_dlh\ Zk[lhly
DeZkkbnbdZpbx fZl_jj_bZevgh j_kmjkh\ ihdZaZI_ eb bo bki	>hfZrgb_ aZ^Zgby AZsblZ bg^b\b^mZevgh]h ^hfZ Mklguc hijhk Hp_gdZ j_amevlZlh\ kZfhklhy GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo Jm[_`gZy dhgljhevgZy jZ[hIZ lbkvf_gguc aZq_l ih jZa^_em lj_a_gIZpby ijh_dlh\ Zk[lhly
Wdhghfbq_kdb_ j_kmjku hljZ ij_^ijbylby	Mklguc hijhk >hfZrgb_ aZ^Zgby
Hkgh\ u eh]bklbdb	Mklguc hijhk >hfZrgb_ aZ^Zgby

Kmsg hklvba\h^kl_ggh]h b l_ogheh]bq_kdh]h ijhp_kkh\	Mklguc hijhk Hp_gdZ j_amevIZIh\ kZfhklhyI GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby
Hj]ZgbaZipba\h^kl_ggh]h b l_ogheh]bq_kdh]h ijhp_kkh\	Mklguc hijhk Hp_gdZ j_amevIZIh\ kZfhklhyI GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby
GZagZq_gb_ b kh^_j`Zgb_ l ^hdmf_gIZpbb	Mklgudijhk >hfZrgb_ aZ^Zgby
<u[bjZlv hilbfZevguc \ZjbZg l_ogheh]bq_kdh]h ijhp_kkZ	Mklguc hijhk >hfZrgb_ aZ^Zgby
BgnjZkljmdlmjm ij_^ijbylby ijhba\h^kl_ggmx kljmdlmjm	Mklguc hijhk Hp_gdZ j_amevIZIh\ kZfhklhyI GZ[ex^_gb_ b hp_gdZ ijhn_kkbhgZevguo aZ^Zq gz aZgylbyo >hfZrgb_ aZ^Zgby
Kljmdlmjm ijhba\h^kl_ggh]h	Mklguc hijhk >hfZrgb_ aZ^Zgby
IhdZaZI_eb ihlhqgh]h ijhba\ l_ogheh]bq_kdh]h ijhp_kkZ	Mklguc hijhk >hfZrgb_ aZ^Zgby
DeZkkbnbdZpby aZIJZI jZ[hq ihdZaZI_eb ihevah\Zgby	Mklguc hijhk >hfZrgb_ aZ^Zgby
F_lh^u ghjfbjh\Zgby ljm^Z	Mklguc hijhk >hfZrgb_ aZ^Zgby