Fbgbkl_jkl\h gZmdb b \ukr_]h h[jZah\Zgby Jhkk
N_^_jZevgh_]hkm^Zjkl_ggh_ [x^`_lgh_ h[jZ
mqj_`^_gb_ \ukr_]h h[jZah\Zgby
©Kfhe_gkdbc]hkm^Zjkl_gguc mgb_jkbl

DZn_^jjZ`^Zg-kijZh\h\uo ^bkpbiebg

«Утверждаю»
Ijhj_dlhj mq_[gh
f_lh^bq_kd[hc_jZ
_____BBBBBBBB Mklbf_
©ª k_gly[hy 2022]

JZ[hqZy ijh]jZffZ ^bkpbiebgu
.16

GZijZ\e_gb_ ih^]hlh\db Xjbkijm^_gpby
GZijZ\e_gghklv ijXhjbkev h[s_c ijZdlbdb
Nhjfz h[mq±_gdyhZqgZy
Dmj±3,4
K_f_k±6,7
<k_]h aZq_lguc± _^bqZbkp360
Nhjfz hlq_lghkl±6 ka_Z_gk_llj wdaZkf_f_klj

Ijh]jZffm jZajZ:[hlZeZ
d x g^hp Dmag_ph\Z ? <

Ijh]jZffZ h^h[j_gZ gZ aZk_^Zgbb dZn_^ju
=jZ`^Zg-kijZh\h\uo ^bkpbiebg
©ªbxgy2022] ijhlhdh0e ‹

Kfhe_gkd
2022

F_klhbkpbiebgukljmdlmj_HI

>bkpbiebgZ ©=jZ`^Zgkdbhclgihkbl_kk[ydaZl_evqZhcmq_[gh]h
ieZgZh[jZah\Zl_evghc ijh]jZffu ih gZijZ\e_gbx ih^]hl
©Xjbkijm^_gpbyª gZijZ\e_ggkjbvklihhsbcevijZdlbdb
>ey bamq_gby ^bkpbiebgu g_h[oh^bfu dhfi_l_gpbb
h[mqsZbxoky \ j_amevlZl_ hk\h_gby lZdbo ^bkpihiejZgfh[jZd\Z
©L_hjby]hkm^Zjkl\Z b ijZ\Zª ©ljZ\hhojZgbl_evgu_ghhj]Zg
ijZ\hª ©=jZ`^Zgkdh_ ijZ\hª b ^j

I eZgbjm_fu_j_amevlZluhfmq_gby

Dhfi_l_gpby	Bg^bdZlhju ^hklb`_gby
MD1 Kihkh[_g nhjfbjh\Zlv g hlghr_gb_ d dhjjmipbhgghfn	AgZlv kmsghklv dhjjmipb ijhy\e_gby ijbqbgu \ha g_]Zlb\gu_ ihke_^kl\by ^e]hkm^Zjkl\Z kbkl_fm ijZ\h\uo Zdlh\ mklZgZ hl_lkl_gghklv aZ k dhjjmipbhgguklmie_gbc Mf_lv ^Z\Zlv hp_gdm ^_c lhqdb aj_gby iheh`_gbc ijZ\h\uo Zdlh\ mklZgZ f_oZgbafu ijhnbeZdlbdb \uy\e_gby jZkke_^h\Zgby b ij_klmie_gbc oZjZdl_ ijbagZdZfb dhjjmipbb ylh f_jhijbylby gZijZ\e_ggu ijhnbeZdlbdm ij_k_q_gb_ jZkke_^h\Zgb_ b d\Z ij_klmie_gbc oZjZdl_ ijbagZdZfb dhjjmipbb <eZ^_lv gZ\udZfb hp_gdb lhqdb aj_gby gZebqby beb we_f_glh\ khklZ\Zklmieijg oZjZdl_jbamxsboky i dhjjmipbb
HlD2 Kihkh[_g ijbf_gylv fZl_jbZevgh]h b ijhp_kkmZ ijb j_r_gbb aZ^Zq ijhn_l ^_yl_evghklb	AgZlv ghjfu ijZ\Z hlgh jZaebqguf hljZkeyf fZl_jb ijhp_kkmZevgh]hZ\Z ij kih ijbf_g_gby wlbo ghjf jZaj_r_gby dheebabc f_`^ ijZ\Z Mf_lv ijbf_gylv ghjfu hlg jZaguf hljZkeyf fZl_jbZ ijhp_kkmZevgh]h ijZ\Z \ ijh dhgkmevlZpbhgguo mkem] ]jZ`^ZgZf b hjZgfbaZijbf_ ghjfu hlghkysb_ky d jZag fZl_jbZevgh]h b ijhp_kkmZ ijhp_kk_ j_]mebjh\Zgby ijZ \hagbdZxsbo \ jZaebqguo

	h[s_kl\Z ijbf_gylv ghjfu hl jZaguf hljZkeyf fZl_jbZ ijhp_kkmZlevghjZ\Z \ ijh jZaj_r_gby ijZ\h\uo kihjh\ ghjf ijZ\Z <eZ^_lv gZ\udZfb ihbkd lhedh\Zgby kbkl_fZlbaZ hlghkysboky d jZaebqgu fZl_jbZevgh]h b ijhp_kkmZ gZ\udZfb ijbf_g_gby wlbo j_r_gbb ijZqd_kdbo aZ^Zq k hdZaZgb_f w-dkhi_jkmevlZp mkem] khklZ\e_gb_f ^hdmf_glh\ j_]mebjh\Zgb_]jZ`^Zg b hj]ZgbaZpbc \ jZa `bagb h[s_kl\Z
HID- Kihkh[_g mqZkl\h\Zlv xjb^bq_kdhc ^_yl_evghZkfb ihklZ\e_gghc aZ^Zqb	AgZlv ijZ\beZ ijh_^_gby j xjb^bq_kdhc bgnhjfZpbb ihemq_gguo k_^_gbc g ijhlb\hj_qbc kihkh[guo xjb^bq_kdb agZqbfu_ i ijbgpbiu khklZ\e_gby aZdexq_gbc \ h[eZkl[hZg kh^_j`Zgbx wlbo aZdexq_gb Mf_lv nhjfmebjh\Zlv j_dh hkgh\_ ZgZebaZ xjb^bq_kd hp_gb\Zlv \hafh`ghklv ijZ\h\uo ghjf d keh` h[klhyl_evkl\Zf hp_gb\Zlv jZkkfhlj_gby ^_eZ \ km^Zo <eZ^_lvZ\udZfb k[hjZ b kbkl ijZ\h\hc bgnhjfZpbb l xjb^bq_kdb agZqbfuo nZdlh ghjf gZ\udZfb khklZ\e_gb aZdexq_gbc \ h[eZkl[b ijZ \ujZ[hldb ijZdlbq_kdboj_dh hkgh_ ZgZebaZ xjb^bq_kdh
HID- Kihkh[_g ijhn_kk lhedh\Zlv ghjfu ijZ\Z	AgZlv h[t_dl ij_^f_l p_ lhedh\Zgby ijZ\h\uo ghjf Zdlu lhedh\Zgby kihkh lhedh\Zgby ijZ\h\uo ghjf Mf_lv ijbf_gylv kihkh[u ghjf ijZ\Z ijb j_r_gbb ijZ aZ^Zq ijhn_kkbhgZevghc xjbklZ <eZ^_lv gZ\udZfb bg ijZ\h\uo ghjf k p_evx _^b hkms_kl\e_gby ijZ\hijbf_g wdki_jkmevlZpbhgghc ^ gZ\udZfb kha^Zgby Zdlh\ lh ijZ\Z
HID- Kihkh[_g eh]bq_kdb	AgZlv ghjfu jmkkdh]h yaud

Zj]mf_glbjh\Zggh b ykgh kl ibkvf_ggmx j_qv k _^bgh dhjj_dlguf bkiheva ijhn_kkbhgZevghc xjb^bq_k	^ey]jZfhlgh]h ihkljh_gby ibkvf_gghc j_qb dlb_^bhggkl dZl_]hjbb hlghkysb_ky c hljZkeyf fZl_jbZevgh]h b ij ijZ\Z Mf_lv ijbf_gylv ghjfu jmkk xjb^bq_kdb_ ihgylby b dZl_ j_qb \ lhf qbke_ \ \uklmie_gbyo b ijb khklZ\e lhf qkbe_ xjb^bq_kdbo ^hdmf_ <eZ^_lv gZ\udZfb ihkljh_ j_qb gZ\udZfb im[ebqguo gZ\udZfb khklZ\e_gby l_dkl gZ\udZfb khklZ\e_gby ^hdmf_glh\
HlD Kihkh[_g mqZkl\h\Zlv ijh_dlh\ ghjfZlb\guuoijZ\hlh bguo xjb^bq_kdbo ^hdmf_gl	AgZlv kbkl_fm aZdh j_]mebjmxs_]h \hijhku x l_ogbdb hkh[_gghklb xjb^bq_kdbo ^hdmf_glh\ Zdlh\ Mf_lv]hlh\blv j_^Zdlbjh\ xjb^bq_kdbo ^hdmf_glh\ ijZ\h\uo Zdlh\ <eZ^_lv gZ\udZfb ih^]hlh ghjfZlb\guo ijZ\h\uo Zdlh\ ^hdmf_glh\
HlD Kihkh[_g kh[ex^Zlv wlbdb xjbklZ \ lhf qbke Zglbdhjjmipbhgguo klZg^Zjl	AgZlv kh^_j`Zgb_ dexq_\u ijhn_kkbhgZevghc wlbdb hkh[_gghklb j_ZebaZpbb wl ^_yl_evghklb ij_^klZ\bl_e_ xjb^bq_kdbo ijh Zglbdhjjmipbhggu_ klZg^Zj ijbgpbiu bo j_ZebaZ ijhn_kkbhgZevghc ^_yl_evg Mf_lv hp_gb\Zlbvy^xjbkll\h\ k aj_gby khhl_lkl\by beb g ijbgpbiZf ijhn_kkbhgZevg xjbklZ \uy\eylv jbkdb ijbgpbih\ ijhn_kkbhgZevghc \ lbih\uo kblmZpbyo ijhn_ xjb^bq_kdhc ^_yl_evghklb ^_ckl\by xjbklZ hqkdb l aj khhl_lkl\by beb g_k Zglbdhjjmipbhgguf klZg^Zjl \uy\eylv jbkdb gZ Zglbdhjjmipbhgguo klZg^Zj \ ijhn_kkbhgZevghc ^_yl_ev <eZ^_lv ihgylbcguf ijhn_kkbhgZevghc wlbdb xj ZgZebaZ kblmZpbc k\ ijhn_kkbhgZevghc ^_yl_evg lhf qbke_ \ qZklb kl

	lj_[h\Zgbyf Zglbdhjjm klZg^Zjlh\ ih_^_gby gZoh`^_gby ijbf_gbfuo d kblmZpbb ijZ\be ghjfZlb\ mklZgZ\eb\Zxsbo biu ijhn_kkbhgZevghc wlbdb Zglbdhjjmipbhggu_ klZg^Zjl
HID- Kihkh[_g p_e_gZijZ wnn_dlb\gh ihemqZlv agZqbfmx bgnhjfZpbx ba bklhqgbdh\ \dexqZy ijZ\ ^Zgguo j_rZlv aZ^Zqb ijhi ^_yl_evhghkl k ijbf_g_ bgnhjfZpbhgguo l_ogheh]bc lj_[h\Zgbc bgnhjfZpbahgZkgh	AgZlv bklhqgbdb hr him[ebdh\Zgby ghjfZlb\guc Zdlh\ kms_kl\mxsb_ dh kijZ\hqigZ\h\u_ kbkl_fu ih \hafh`ghklb kh\j_f_gguo b_jdb kijZ\hqigZ\h\uo kbkl_f kh\ [Zau ^Zgguo ijZ\h\hc bgt kihkh[u jZ[hlu k gbfb Mf_lv p_e_gZijZ\e_ggh ZdlmZevgmx ijZ\h\mx bgt ihfhsvx kh\j_f_gguo dhfi kijZ\hqigZ\h\uo kbkl_f b [Z ijZ\h\hc bgnhjfZpbb <eZ^_lv gZ\udZfb bk ihbkdh\uo \hafh`ghkl_c k dhfivxl_jguo kijZ\hqigZ\h\uo kb [Za ^Zgguo ijZ\h\hc bgnhjf wnn_dlb\gh]h ihbkdZ agZqbfhc bgnhjfZpbb b __ i j_r_gbb aZ^Zq xjb^bq_kdhc
ID- Kihkh[ghklvx hkm xjb^bq_kdh_ dhgkmevlbjh\Z	AgZlv ghjfu hlghkysb_ky hljZkeyf fZl_jbZevgh]h b ij ijZ\Z Jhkkbckdhc N_^_jZp lhedh\Zgby ghjf ijZ\Z wnn_dlb\gh]h ihbkdZ bgnhjfZpbb \ yop_ehdZa dhgkmevlZpbhgguo mkem] hj]ZgbaZpbyf ijZ\beZ eh]b ihkljh_gby mklghc b ibkvf_g Mf_lv hkms_kl\eylv dhgkm ijZ\h\uf \hijhkZf gZ hkgh_ ghjf hlghkysboky d jZaebc fZl_jbZevgh]hijhp_kkmZevgh Jhkkbckdhc N_^_jZpbb \ ibkvf_gghc nhjf_ <eZ^_lv gZ\udZfb ihbkdZ ZgZebaZ ijZ\h\hc bgnhjfZp lhedh\Zgby ijZ\h\uo ghjf ZgZebaZ kblmZpbc k bkihe ijZ\Z gZ\udZfb jZatiyZkh\g \hijhkh\
ID- Kihkh[ghklvx kh xjb^bq_kdb_ ^hdmf_glu	AgZlv kbkl_fm ghjf j_]eZf_glbjmxsbo \hijhku xjb^bq_kdbo ^hdmf_glh\ k h[jZaph\ ^_eh\uo [mfZ]

	xjb^bq_kdbo ^hdmf_glh\ g yaudZ igbfu_ ijb khklZ ^_eh\uo [mfZ] b xjb^bq_kdb Mf_lv hkms_kl\eylv ihbk ^_eh\uo [mfZ] b nhjf xj ^hdmf_glh\ khklZ\eylv ^hdmf_glu \ khhl_lkl\bb k ghjfZlb\guo Zdlh\ j_]eZf \hijhku bo Zkhekgby khk xjb^bq_kdb_ ^hdmf_glu \ k ghjfZfb jmkkdh]h yaudZ <eZ^_lv gZ\udZfb ihbkd ^_eh\uo [mfZ] b nhjf xj ^hdmf_glh\ gZ\udZfb xjb^bq_kdbo ^hdmf_glh\ lj_[h\Zgbc ghjfZlb\guo j_]eZf_glbjmxsbo \hijhk khklZ\e_gby gZ\udZfb xjb^bq_kdbo ^hdmf_glh\ k jmkkdh]h yaudZ

lj_^f_l kbkl_fZ b]jfZ_l^hZ^gkdh]h ijhp_kkmZevgh]h ijZ\Z
]jZ`^Zgkdh]h ijhp_kkmZe<bg^u]khbZi^ZbZ]jZ`^ZZgjkdh]kkZ ljbgpbiu
]jZ`^Zgkdh]h ijhp_kkZ -ijhjZ`^kZgkZdhvgu_ ijZ\hhlghr_gby k
]jZ`^Zgkdhf ijhp_kk_ Lj_lvb ebpZ \ ]jZ`^Zgkdhf ijhp_kk_
ijhp_kk_ ijhdmjhjZ]hkm^Zjkl_gguo f_klghj]ZgkZfhmjjZZg\e_
lj_^klZ\bl_evkl\kmK\hklZ\e_gb_ ^h_j_gghkl_c gZ _^_gb_ ^
ihfhsb dhgkljmdlhjh\ ijZ\h\uo4X\hEMfRGlh\Dhf[fgZlhj ijh =ZjZg
b ^jlh^km^ghklv]jZ`^Zgkdbo ^v_eu_ljkhjm_dlbkmkZme^_j[dbr_ljZZa^u_
=hkm^Zjkl_ggZy ihrebgZ \ kbkl_f_ km^_[guo jZkoh^h\ ljl
ijh^mdlZ ©DZevdmeylhj]hkm^e[bghu^ ^hdZau\Zgb_ b ^hdZ
We_dljhggu_ ^hdZaZl_evkl\Z \ ]jZ`^Zgkdhf\^kZdbmfkkjhp_kk_
ihgylb_f_wgeu \b^u ljZ\hlbjZy^bhkd j_ZebaZpbb ijZ\Z gZ ij_^ty\
ljbf_g_gb_ kbkl_fu =:K ©ljZ\hkm^b_ª ^ey:\hhjfZsbgbjh\Zgkgm^
jZkij_^_e_gblh^^]heh\dZ]jZ`^Zgkdbo ^_e d km^_[ghKf_j\bZa[bj
^ey ieZgbjh\Zgbgbd Tick dZg[^hkdb blj^bjfbjbl_evgu_
ijhp_^mjkum^_[gjhZ_a[bjZl_evkjlh^_gb_ km^_[gh]h aZk_^Zgby
\b^-dhgn_j-kgyabKm^_[gu_ Zdlu ijbgbfZ_fu_ km^hf .i_j\hc
ljbdZagh_ ijhba\h^kl\h AZhqgh_ Mijhsbagbh^kl\hijhba\h^kl
ljhba\h^kl\h ih aZsbl_ ijZ\ b bgl_j_kh\kh]jm_iiuijhebbap\h^kl\
:i_eeypbhggh_ ijhbaDZ\kZbhggh_ ijhbGaZh^akljghh_ ijhba\h^k
l_j_kfhlj j_r_gbc ih \gh\v hldju\rbfky beb gh\ujbahgZkghby_le
bkiheg_gb_ j_r_gbc bghkljZgguo km^h\ b bghkljZgguo lj_l_ck
ljhba\h^kl\h ih ^_eZf k mqZklb_f bghkljZggh]h]hkm^Zjkl\Z
hkiZjb\Zgbb j_r_gbc lj_l_ckdjhba\hm^kh\h ih ^_eZf h \u
bkihegbl_evguo ebjkbghm^gbZ_evgh_ bkiheg_gb_ j_r_gbc lj_l
ljhba\h^kl\h ih ^_eZf k\yaZggguf k \uiheg_gb_f nmgdpbb k
lj_l_ckdbo kBmk^heg_gb_ km^_[guoWe_dljhbcgh_ \aZbfh^_ckl\b_

	^ey ieZgbjh Zogl dZe_g^Zj TickTick dZg-^Zdkdb ljbfbjbl_evgu_ ijhp_^mju				
12	Km^_[gh_ jZa[bj.Zl j_he\v_k^l\ km^_[gh]h aZk_^Zgby k-dhgn_j-kgyab	10		2	8
13	Km^_[gu_ Zdlu ijbgkonfZ i_j\hc bgklZgpbb	10			10
14	ljbdZagh_ ijhba\h^kl\h	10			10
15	AZhqgh_ ijhba\h^Mkilj\hs_ ijhba\h^kl\h	10			10
16	ljhba\h^kl\h \ aZsblm bgl_j_kh\ ]jmiiu ebp	10			10
17	Hkh[h_ ijhba\h^kl\h	10			10
	lh^]hlh\dZ d aZq_lm	4			4
	k_f_klj				
18	:i_eeypbhggh_ ijhba\h^kl	16	2	2	12
19	DZkkZpbhggh_ ijh ijhba\h^kl\h \ km^_ d bgklZgpbb ijhba\h^kl\h dhee_]bb <_joh\gh]h Km^	18	2	4	12
20	GZ^ahjgh_ ijhba\h^kl\h	13	1		12
21	l_j_kfhlj j_r_gbc ih hldju\rbfky beb h[klhyl_evkl\Zf	15	1	2	12
22	ljhba\h^kl\h ih ^_eZf k bghkljZgguo ebp h[sb_ ih^km^ghklv ^_e km^Zf N_^_jZpbb	12			12
23	ljbagZgb_ b bkiheg_gb bghkljZgguo km^bgh klj Zg lj_l_ckdbo km^h\ Zj[bljZ	14	2		12
24	ljhba\h^kl\h ih ^_eZf k bghkljZggh]h]hkm^Zjkl\Z	12			12
25	ljhba\h^kl\h ih ^_eZf h[j_r_gbc lj_l_ckdbo km^h\	13	1		12
26	ljhba\h^kl\h ih ^_eZf bkiheglbl_evguo ebkl ijbgm^bl_evgh_ bkiheg_ lj_l_ckdbo km^h\	13	1		12
27	ljhba\h^kl\h ih ^_eZf k \uiheg_gb_f nmgdpbb k hlghr_gbb lj_l_ckdbo km^	12			12
28	Bkiheglbl_evgh_ ijh We_dljhggh_ \aZbfh^_ck n_^_jZevghc kemk`m[u_[ijbklZ\h\	15		2	13
		27			27
	Blhlh	**360**	**20**	**20**	**320**

1. Nhjfu b kihkh[u aZsblu ijZ\Z
2. Km^_[gZy aZsblZ]jZ`^Zgkdh]h km^hijhba\h^kl\ ]jZ`^Zgkdh]h ijhp_kkZ
3. Ij_^f_l b f_lh^]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z
4. Kbkl_fZ]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z
5. >_ckl\b_]jZ`^Zgkdh]h ijhp_kkmZevgh]h aZdhgh^Zl_evkl\Z \h \j_f_g

L_fZ

1. Ihgylb_ agZq_gb_ ijhp_kkmZevgh]h ijZ
2. Hj]Zgba Zp-hmqgdhpbhgZevgu_ ijbgpbiu b bo oZjZdl_jbklbdZ
3. NmgdpbhgZevgu_ ijbgpbiu b bo oZjZdl_jbklbdZ

L_fZ

1. Ihgylb_]jZ`^Zgkdbo ijhp_kkmZevguo ijZ\hhlghr_gbc
2. Ij_^ihkuedb \hagbdgh_gby]jZ`^Zgkdbo ijhp_kkmZevguo hlghr_gbc
3. H[t_dl b kh^_j`Zgb_ ijhp_kkmZevguo ijZ\hhlghr_gbc
4. Km[t_dlu]jZ`^Zgkdbo ijhp_kkmZevguo hlghr_gbc

L_fZ

1. Khklz\ mqZklgbdh\ ]jZ`^Zgkdh]h ijhp_kkZ
2. Klhjhgu \ ]jZ`^Zgkdhf ijhp_kk_
3. Ijhp_kkmZevgh_ khmqZklb_
4. AZf_gZ g_gZ^e_`Zs_]h hl_lqbdZ
   Ihgylb_ b \b^u lj_lvbo ebp
6. Ijhp_kkmZevgh_ ijZ\hij__fkl\h

L_fZ

1. Nhjfu mqZklbbyhkgh\Zgby mijZkhbyjZ \ ]jZ`^Zgkdhf ijh
   Nhjfu b hkgh\Zgby mqZklby \ ]jZ`^Zgkdhf ijhp_kk_ hj]Zgh
hj]Zgh\ FKM hl^_evguo ^he`jhZk^gZuo ebkplmiZxsbo \ aZsblm
bgl_j_kh\ ^jm]bo ebp

L_fZ

1. Ihgylb_ km^_[gh]h ij_^klZ\bl_evkl\Z
2. Hkgh\Zgby b \b^u ij_^klZ\bl_evkl\Z
3. Iheghfhqby ij_^klZ\bl_ey \ km^_
4. KhklZ\e_gb_ ^h_j_gghkl_c gZ km^_gbij b ^ihefZsb\dhgkljmd
ijZ\h\uo ^hdmf4XgLh\N'RF Dhf[fgZlhj ijh =ZjZgl XjZcl b ^j

L_fZ

1. IjZ\beZ hlg_k_gby]jZ`^Zgkdbo ^_e d ih^km^ghklb km^h\ h
ih^km^ghklv
2. >_eZ ih^e_`Zsb_giZjj_^kZkqfhlj_gb_ lj_l_ckdh]h km^Z
3. Jh^h\Zy ih^km^ghklv]jZ`^Zgkdbo ^_e

4. L_jjblhjbZeivhg^Zkym^ghklv
5. I_j_^ZqZ ^_eZ ijbgylh]h d k\h_fm ijhba\h^kl\m \ ^jm]hc kr
Hkgh\Zgby b ihjy^hd i_j_oh^Z d jZkkfhlj_gbx ^_eZ ih ijZ
km^jhba\h^kl\Z

L_fZ 8
1. H[sZy oZjZdl_jbklbdZ Zi_eeypbhggh]hZ\ijhbZa\he^ekyb
h[`Zeh\Zgby b ihjy^hd _]h hkms_kl\e_gby
<ha\jZs_gb_ ^_eZ km^hf Zi_eeypbhggh]hZ\ijhba\he^ekyb
Zi_eeypbhggh]hZ\ijhba
3. Iheghfhqby km^Z Zi_eeypbhgghc
5. Hkgh\Zgby ^ey hlf_gu beb baf_g_gby ijhba\h^kl\h
6. :i_eeypbhggh_ h[`Zeh\Zgb_ hij_^_e_gbc km^Z

L_fZ DZkkZpbhggh_ijhba\h^kl\h
Ijhba\h^kl\h \ dZkkZpbhggh_ijhba\h^kl\h
- ijZ\h gZ h[jZs_gb_ \ km^ ihjy^hd b kjhd ih^Zqb `Zeh[u
- \ha\jZs_gb_ dZkkZpbhgghc `Zeh[u [_a jZkkfhlj_gby ih kms_
- ijhp_kkmZevguc ihjy^hd kjhd b ij_^_eu jZkkfhlj_gby `Zeh[u
- hkgh\Zgby ^ey hlf_gu beb baf_g_gby km^_[guo ihklZg
- ihklZgh\e_gb_ beb hij_^_e_gb_ km^Z dZkkZpbhgghc bgklZg
Ijhba\h^kl\h \ km^_[ghc dhee_]bb <_joh\gh]h Km^Z Jhkkbc
- ijZ\h gZ h[jZs_gb_ \ km^_[gmx dhee_]bx <_joh\gh]h Km^Z J
- jZkkfhlj_gb_ dZkkZpbhggh_ijhba\h^kl\h
- ihjy^hd jZkkfhlj_gby `Zeh[u ij_^klZ\e_gby km^_[ghc dhee
Jhkkbckdhc N_^_jZpbb
- hkgh\Zgby ^ey hlf_gu beb baf_g_gby km^_[ghc dhee_]bb <_joh\gh]h Km^Z Jhkkbckdhc N_^_jZpbb

L_fZ GZ^ahj gh_ijhba\h^kl\h
Kmsghklv i_j_kfhljZ \klmib\rbo \ aZdhggmx kbem km^_[guo
gZ^ahjZ
2. <ha[m`^_gb_ gZ^ahjgh]h ijhba\h^kl\Z
3. Ijhp_kkmZevguc ihjy^hd b kjhdb jZkkfhlj_gby ^_e
4. Hkgh\Zgby d hlf_g_ \ ihjy^d_ gZ^ahjgh]h ijhba\h^kl\Z
Iheghfhqby km^Z gZ^ahjghc bgklZgpbb

L_fZ I_j_kfhljj_r_gbcihghvhldju\rbfkybebghufhklhyl_evklZf
Ihgylb_ \gh\v hldju\r_]hky b gh\h]h hkldZhhyl_evklZfhljZ
2. Ijhp_kkmZevguc ihjy^hd i_j_kfhljj_r_gbcihghvhldju\rbfky
beb gh\uf h[klhyl_evkl\Zf

L_fZ IjbagZgb_ b bkiheg_gb_ j_r_gbc bghkljZgguo km^h\b bghkljZgguo
lj_l_ckdbokmhZjbljZ`c
1. Oh^ZlZckl\h h ijbgm^bl_evghf bkiheg_gbb
2. HldZa \ ijbgm^bl_evghf bkiheg_gb_ j_r_gbc bghkljZgguo km^Z
3. Ijbagzgb_ j_r_gbc bghkljZgguo km^h\
4. HldZa \ ijbagZgbb j_r_gby bghkljZggh]h km^Z

L_fZ
Ihjy^hd h[jZs_gby k aZy\e_gb_f h[hlf_g_ j_r_gby lj_l_ckd

URL: https://urait.ru/bcode/489488
L_fZ=jZ`^Zgkdb ijhp_kkmZevgu_ ijbgpbiu
1.2 <uiheg_gb_ dhfZg^ghjZh iaZ^ZhjfY XjZcl \ jZfdZo gZaZgZq_g
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf F\xyE\m[a^h\\ >b ^j@
j_^Zdpb_X cE_[_^_²\Z5-_ ba^ i_j_jZ[² hFh^kdi\ZBa^Zl_evkl\h XjZ
2022. ² 428 k² <ukr__ h[jZah\Zl_evgZy ISBN 978-5-534-14500-7. ² L_dkl
we_dljhggu H[jZah\Zl_evgZy ieZlnhjfZ XjZcl >
URL: https://urait.ru/bcode/489488
L_fZ=jZ`^Zgkdb ijhp_kkmZevgu_ ijbgpbiu

L_fZ4. Klhjhgbu lj_lvb ebpZ \ ]jZ`^Zgkdhf ijhp_kk_

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZ
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf F\xyE\m[a^h\\ >b ^j@
j_^Zdpb_X cE_[_^_²\Z5-_ ba^ i_j_jZ[² hFh^kdi\ZBa^Zl_evkl\h XjZ
2022. ² 428 k² <ukr__ h[jZah\Zl_evgZy ISBN 978-5-534-14500-7. ² L_dkl
we_dljhggu c H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZ=Klhjhgu b lj_lvb ebpZ \ ]jZ`^Zgkdhf km^hijhba\h^kl_
1.2 <uiheg_gb_ bg^b\b^mZevgZh ieZlnhjf_ XjZcl \ jZfdZo gZag
dmjkZ=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf F\xyE\m[a^h\\ >b ^j @
ih^ j_^ZdpbXcE_[_^_²\Z5-_ ba^ i_j_jZ[² hFh^kdi\ZBa^Zl_evkl\h
XjZcl ² 428 k² <ukr__ h[jZah\Zl_evgZy ISBN 978-5-534-14500-7. ² L_dkl
we_dljhggguc H[jZah\Zl_evgZy ieZlnhjfZ XjeZZcl >kZc²l@
URL: https://urait.ru/bcode/489488
L_fZ=Klhjhgu b lj_lvb ebpZ \ ]jZ`^Zgkdhf km^hijhba\h^kl_
1.3.
FZdkbfh\ h[jZlbeky \ km^ k bkdhf h \haf_s_gbb_m^s_gbZ_f ij
a^hjh\vy \ j_amevlZ-ljZ^hijhjlgh]h ijhbkr_kl\by < dZq_kl_
ijhkbe ijb\e_qv E_[_^_\Z mijZ\ey\r_]h Z\lhfZrbghc \ fhf_gl
jZkkfhlj_gbb ^_eZ ihykgbe qlh \ fhf_gl Z\Zjbb hg mijZ
^h_j_gbhkl\lhfZrbgZ ijbgZ^e_`ZeZ JhfZgh\m H^gZdh \ ijh
^_eZ \uykgbehkv qlh kjhd ^h_j_gghklb bkl_d :\lhfZrbgZ
]ZjZ`Z kZfh\hevgh

Ih^jhkldb E_hgh\ e_l K_j]__\ e_l b :[jZfh\ e_l
ehrZ^_c < l_fghl_ h^gZ ba ehrZ^_c hdZaZeZkv gZ rhkk_ <
gZ fhlhpbde_ lhkdhevdm ehrZ^v [ueZ klj_gh`_gZ hgZ g_ r
qZklv rhkkEbihqdbg fhlhpbdehf gZ_oZe gZ ehrZ^v ihemqbe
fhlhpbde Hj]ZgbaZpby dhlhjhc ijbgZ^e_`Ze lZ[mg ehrZ^
ih^jhkldZf d \eZ^_evpm fhlhpbdeZ h \aukdZgbb kl
`b\hlgh]h ijhp_kk_ jZkkfhlj_gby\uykgZehkkm^qlh fhlhpbde [u
Ebihqdbguf kZfh\hevgh ba]ZjZ`Z kZ^h\h^q_kdh]h dhhi_jZlb\

3. >jh[ur_\Z ? ij_^ty\beZ bkd d< =h[\um_k\lZgh\e_gbb hlph\
h[hkgh\Zgb_ k\hbo bkdh\uo lj_[h\Zgbc hgZ mdZaZeZ gZ lh

ijh`b\ZeZ kh\f_klgh k =g_\ur_\uf < _eZ h[s__ ohayck
jh^kl_ggbdZfb hg ijbagZ\Ze k_[y hlphf [m^ms_]hjhj`_^[_ghdyZ
^hq_jb ?dZl_jbgu hg hl ih^Zqb kh\f_klgh]h aZy\e_gby \ [xjh
khklhygby h j_]bkljZpbb hlph\kl\Z mdehgbeky km^ ihke_ i
ihklmibeh aZy\e_gb_ k ijhkv[hc >jh[ur_\Z D ^himklblv _]h
ijbagZgbb _]h hlphf j_[_gdZ ihkdhevdm hg g_ ij_djZsZe [j
`_ghc b ^_\hqdZ y\ey_lky _]h ^hq_jvx ;jZd k >jh[ur_\hc ?

4. Dh\Ze_\Z ? < h[jZlbeZkv \ km^ k bkdh\uf aZy\e_gb_f h
Dh\Ze_\Z : D gZ kh^_j`Zgb_ bo ^hq_jb HdkZgu Dh\Ze_\ :
gZqZeZ jZkkfhlj_gby ^_eZ \ km^_ \ke_^kl\b_ k_jv_aguo
j_amevlZl_ ^hjZ`kihjlghc Z\Zjbb Dh\Ze_\Z ? < ijhkbeZ km^
Dh\Ze_\Z : D d mqZklbx \ ^_e_ \ dZq_kl_ ijZ\hij__fgbdh\ h
Zebf_glu ihkdhevdm hgb b jZg__ mqZkl\h\Zeb \ hdZaZgbb
ihfhsb gZ \hkiblZgb_ ^hq_jb HdkZgu Km^ ijb\e_d d mqZ
ijZ\hij__fgbdh\ jh^bl_e_c hl_lqbdZ b \ug_k j_r_gb_ h[m^h
j_[_gdZ

AZ^Zgby ^ey kZfhkjlZhyhl_evghc
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZ
=jZ`^Zgkdbc ijhpmqkkgbd b ijZdlbdmf FXyE\n_^h\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhkd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah^\ZgSbN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fu± MqZklb_ ijhdmjhZ^ZZ\gkjdhf km^hijhba\h^kl_ MqZklb_
km^hijhba\h^kl_ hj]Zgh\ ]hkm^Zjkl_gghc \eZklb hj]Zgh\
hj]ZgbaZpbc b]jZ`^Zg aZsbsZxsbo ijZ\Z ^jm]bo ebp
1.2
1. Ijb jZkkfhlj_gbb bkdZ AZ\vyeh\Z B < h \hafgh]hbb]hja^Zjhi\
\ke_^kl\b_ mdmkZ kh[Zdb hojZgy\r_c ^hf lbf_gh\Z b kZ^h\
ijb\e_q_gbb \ ijhp_kk ijhdmjhjZ gZ hkgh\Zgbb q kl
AZ\vyeh\ B < mdZaZe qlh ebr_g \hafh`ghklb ebhqkhkmhyZkbx
a^hjh\vy b ij_dehggh]h \hajZklZ < gZkl\Zy_h^bg_fyihkdhiehvd
bf__l [ebadbo jh^kl_ggbdh\ Z jZaf_j ihemqZ_fhc bf i_g
\hkihevah\Zlvky mkem]Zfb Z^\hdZlZ Fhlb\bjmy k\hc hldZa
ijhp_kk km^vy mdZaZe qlh ih ^Zgghc dZl_]hjbb ^_e a
h[yaZl_evgh]h mqZklby ijhdmjhjZ \ ijhp_kk_

Ijhdmjhj J_kim[ebdb Dhfb h[jZlbeky \ km^ k aZy\e
ijhlb\hj_qZsbf n_^_jZevghfm \ahZdhgh^^_dkl\wkxsbf b g_ ih^e
ijbf_g_gbx AZdhgZ J_kim[ebdb Dhfb hl-JA fZ\y i_j_]Zq_ hj]Z

f_klgh]h kZfhmijZ\e_gby]hkm^Zjkl_gguo iheghfhqbc ih kh
^_ckl\bcª h[hkgh\Zgb_ ih^Zggh]h bf aZy\e_gby]hkm^Zjkl_gguo iheghfhqbc ih kh
gZ^_e_gu iheghfhqbyfb ih j_]mebjh\Zgbx ijZ\hhlghr_gbc \ k
AZdhg g_ fh] [ulv ijbgyl km[t_dlhf JN ihkdhevdm hg \u
iheghfhqbc <_joh\guc Km^ J_kim[ebdb Dhfb m^h\e_l\hjbe
mdZaZqlh ihkdhevdm ij_^f_lhf ijZ\h\h]h j_]mebjh\Zgby hl
y\eyxlky]jZ`^ijZgkdbu_ hlghr_gby \ ^Zggh]h ihkdhevdm ijZ\hhlghr_gbc \ k
aZ_sZgkbc =ND Jm^hklh_j_gb_ ^h-\kl_gghkbb JN ijbgylb_
d hjZg_ gZkegghkl_ bfms-_kll\Z =D JN b ke_^h\Zl_evgh
fh] h[jZlblvky \ km^ k ^Zgguf aZy\e_gb_f H^gZdh =hkm^Zjk
Dhfb ijbg_k dZkkZpbhggmx `Zeh[m gZ j_r_gb_ km^Z mdZaZ
ghjf fZl_jbZevgh]kqbjZZ\yZ qlh ijhdmjhj g_ fh] \ha[m^blv ^Zgg
?

L_fZ Ij_^klZ\bl_evkl\h \ km^_

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu

1.1. L_klbjh\Zgb_ kZfhmijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZo-gZag
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf FxyE\n^h\\ >b ^j^@
j_^Zdpb_x E_[_^_²\Z-_ ba^ i_j_jZ[² Fh^kd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__[jZah\Zg²b_ISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZlij_^klZ\bl_evkl\h \ km^_

1.2.

R_klZdkhF -o e_l ij_^tykde d R_klZdh\hc B l h ijbagZ
g_^_ckl\bl_evguf kkueZykv gZ lh qlh hl_lqbpZ \klmibeZ l
kha^Zlv k_fvx ij_ke_^my p_ev aZj_]bkljbjh\Zlvky \ _]h d\Z
\hajZklhf ebqgh\Zmvq Z\kk\m^_[ghf aZk_^Zgbb bkl_p g_ fh] b ih
k\h_fm jh^kl_ggbdm EZibgm : B Hl_lqbpZ R_klZdh\Z B l
^_eZ k\h_fm jh^kl_ggbdm dhlhjuc bf_e xjb^bq_kdh_ h
ke_^h\Zl_e_f \ ijhdmjZlmj_

2 DZjih\ N B h[jZlbeky \ ;ZkfZgguc jZchgguc km^] Fhkd\u
\hkklZgh\e_gbb gZ jZ[hl_ >h m\hevg_gby DZjjdhfNhBs_kZ[hl
©J_]ZlZª < km^_[ghf aZk_^Zgbb ij_^klZ\bl_ev Zdpbhg_jg
^h_j_gghklv ih^ibkZggmx dhff_jq_kdbf ^bj_dlhjhf h^gZdh
_^_gbx ^_eZ

3 :dbfh\ < B ij_^ty\be bkd kljhdl_ekZbc [jb]Z^u ba lj_o q
©lhe_lª h \aukdZgbb luk jm[aZ \uiheg_ggu_ kljhbl_ev
ih^jy^Z < ^h_j_gghklb \u^Zgghc :dbfh\m < B [jb]Z^bjhf
ijZ\h ij_^klZ\bl_ey gZ ih^ibkZgb_ bkdh^hjhe agZby\e_gby kjm
kh_jr_gb_ ijhqbo ijhp_kkmZevguo ^_ckl\bc hl bf_gb qe_g
kljhbl_evghc [jb]Z^u d mqZklbx \ ^_e_ g_ ijb\e_dZebkv
m^h\e_l\hj_g b k hl_lqbdZ \ ihevam lj_o qe_gh\ kljhbl_evgh
luk jm[

1.3. dhgkljmdlhju ijZ\h\uo ^hukdbc_glh\

Dhf[fgZlhj ijh =ZjZgl XjZcl khklZ\blv ^h_j_gghklv ^
ij_^klZ\bl_e_f
- h[sbo iheghfhqbc \ km^_
- gZ khklZ\e_ggu_ ihb^ibkZgb_ bkdh\h]h aZy\e_gby
- gZ h[jZs_gb_ \ km^ hl bf_gb aZbgl_j_kh\Zggh]h ebpZ
Khklz\e_ggu_ bg^b\b^mZevgh djZm^iuf^khlhm^f_ggh jZaf_klblv \
ba h[eZqguo ojZggbe>bsk©ª beb ©Y^_dk >bkdª

L_fZ I hkmghklvjZZgkdbo^e

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZ
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf FXkyE\m[_^h_\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhk\d\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\ZgISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ XjZcl ² >kZ
URL: https://urait.ru/bcode/489488
L_fZlh^km^ghklv
1.2 <uiheg_gb_]jmiih\]hZaZe^Zlnhjf_ XjZcl \ jZfdZo gZagZq_g
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf FXkyE\m[_^h_\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhk\d\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\ZgISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ XjZcl >kZcl@
URL: https://urait.ru/bcode/489488
L_fZlh^km^ghklv
1.3
lj_^ijbgbfZl_ev N_^hjh\ K B aZdexqbe k ij_^ijbgbfZl_e
^h]h\hj h[f_gZ `beuo ihf_s_gbc ijbgZ^e_`Zsbo dZ`^hfm ba
kh[kl_gghklb b bkihevam_fuo ^ey ijh`b\Zgby bo k_f_c <ih
h[jZlbeky \ km^ hl[s^bcdpxbjb k bkdhf h ijbagZgbb ^h]h\hjZ
ihf_s_gbyfb g_^_ckl\bl_evguf fhlb\bjmy h[jZs_gb_ \ km^
aZ[em`^_gb_ hlghkbl_evgh dZq_kl\Z `beh]h ihf_s_gby Kh
bkdh\h]h aZy\e_gby fhlb\bjh\Z\ hldjZua fl`f^m q]hZ^kZlgZfb
ij_^ijbgbfZl_eyfb jZkkfZljb\Zxlky Zj[bljZ`gufb km^Zfb
.

2lhlZih\Z < G ihemqbeZ hl k_kljju p_ggmx ihkuedm lhke_
\k_ kh^_j`Zkyb\ g_c _sb [ueb bkihjq_ggufb \ k\yab k l_f ql
\h \eZ`ghf ihf_s_gbb lhlZih\Z < G h[jZlbeZkv \ xjb^bq_k
Z^\hdZlm k ijhkv[hc h[hdZaZgbb _c kh^_ckl\by \ aZsbl_ gZ
k hi_jZlhjZ k\yabl bkihkfuhekdb

Z k j h

<hijhku ^ey h[km`^_gby
1. lhgylb_ ijhp_kkmZevguo b hj]ZgbaZpbhgguo kjhdh\ <b^u ij
Bkqbke_gb_ ijhp_kkmZevguo kjhdh\ b ihke_^kl\by ijhimkc
beb ijh^eijghbms_ggh]h ijhp_kkmZevgh]h kjhdZ
lhgylb_ b \b^u km^_[guo jZkoh^h\
4. =hkihreZ \ kbkl_f_ km^_[guo jZkoh^h\h]jZffgh]h ijh^mdlZ ©DZc
]hkihrebguª
Km^_[gu_ ba^Zkjìjd_b^_e_gb_ km^_[guo jZkoh^h\ ih ^_em f_`

6 Hkgh\Zgby b ihjy^hd gZeh`_gby km^_[guo rljZnh\

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \-jZfdZ
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf FXyE\n_^h_\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhk\d\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\ZgSBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZ-ljhp_kkmZevgu_ kjhud_b jZkm^h_[u Km^_[gu_ rljZnu
1.2. IjZdlbq_kdh_ aZ^Zgb_
k ihfhsvx ijh]jZffgh]h ijh^mdlZ ©DZevdmeylhj]hkihrebgu
hnbpbZevghf kZcl_ <_joh\gh]h km^Z Jhkkbckd
https://www.vsrf.ru/lk/calculator/list, g_h[oh^bfh jZkkqblZlv jZaf_j]hkihr
ke_^mxsbo kemqZyo
- ih bkdm h \aukdZgbb aZ^he`_gghklb ih ^h]h\hjm Zj_g^u
65 jm[e_c
- ih bkdm h jZklhj`_gbb [jZdZ hij_^_e_gjb[_gdkZZb`ba_uekdZlg
Zebf_glh\ gZ kh^_j`Zgb_ g_kh_jr_gghe_lg_]h j_[_gdZ
- ih bkdm h[baf_g_gbb ihjy^dZ mieZlu Zebf_glh\ gZ kh^_j`
j_[_gdZ b \aukdZgbb Zebf_glh\ \ l_j^hc ^_g_`ghcjmk[mffc \
_`_f_kyqgh

Z 9K g

<hijhku ^ey h[km`^_gby
lhgylb_ b p_ev km^_[gh]h ^hdZau\Zgby
lj_^f_l ^hdZau\Zgby NZdlu g_ ih^e_`Zsb_ ^hdZau\Zgbx
JZkij_^_e_gb_ f_`^m klhjhgZfb h[yaZgghklb ^hdZau\Zgby
4. Ihgylb_ b deZkkbnbdZp^hydZkamZ^l_[egukd\
5. Hp_gdZ ^hdZaZl_evkl\
6. Hl^_evgu_ \b^u ^hdZaZl_evkl\ \ ]jZ`^Zgkdhf km^hijhba\h^kl

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \-jZfdZ
=jZ`^Zgkdbc ijhpmqk[gbdZdblbdmf ^ey \nyE_[_^_\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhk\d\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\ZgSBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl@
URL: https://urait.ru/bcode/489488
L_fZ-=hdZau\Zgb_ b ^hdZaZl_evkl\Z \ ]jZ`^Zgkdhf km^hijhba\
1.2. Kh\f_klgZy jZ[hdZet g(Zttps//ru.padletcom/) ih h[km`^_gbx \hijhk
bkihevah\Zgby khh[s_gby \ f_kk_g^`_jZo \ dZq_kl_ ^hdZ
km^hijhba\h^kl_ Z lZd`_ ij-hdfhglj_gbyh\kf\ZjdZq_kl_ ^hdZaZ
]jZ`^Zgkdhf km^hijhba\h^kl_
1.3
< jZchgghf km^_ kemrZehkv ^_eh ih bkdm lhlZih\Z I K d
luk jmfms_j[Z k\yaZggh]h k ih\j_`^_gb_f Z\lhfZrbgu <he
Z\lhfh[bevghc Z\Zjb_c Hl_lqbd l_l_ebg K K bkdZ g_ i
g\bgh_gZ\\Zjbb <h \j_fy ijhbahr_^r_]h kemqZy ^hjh]Z [ueZ
klhedgh_gb_ Z\lhfZrbg ijhbahreh \ k\yab k g_ij_h^hebfhc k

AZy\be oh^ZlZckl\h h[hleh`_gbb ]jZ`^Zgkdh]h ^_eZ b h[
m]heh\gh]h ^_eZ kdlh_hjh_fy\ [ueh \ha[m`^_gh gh ij_djZs_gh
K l \ug_k hij_^_e_gb_ h[hleh`_gbb ^_eZ gZ ^jm]mx ^Zlm
m]heh\gh]h ^_eZ hldZaZe mdZaZ\ \ hij_^_e_gbb qlh \
khklyaZl_evghklb dZ`^Zy khdjZgZlv heZdZu gZ dhlhju_ kkueZ
bkl_p ^he`_g ij_^klZ\blv fZl_jbZeu ba m]heh\gh]h ^_eZ

2 Ijb ih^]hlh\d_ ^_eZ h[mklZgh\e_gbb hlph\kl\Z d km^_[g
jZatykg_gby \hijhkZ k\yaZggh]h k ijhbkoh`^_gb_f j_[_gdZ
ijh\h^bfmx f_lh^hf ©]_g_lbq_kdhc ^Zdlbehkdhibbª Hl_lqbd
qlh hj_^_gb_ lZdhc wdki_jlbau gZjmrZ_l _]h dhgklblmpbh
g_ijbdhkgh_gghklv ^hklhbgkl\h ebqghklb g_ijbdhkgh_ggh
lZcgm Km^vy ij_^mij_^be hl_lqbdZ qlh \ khhl_lkl\bb k i
klhjhgu hllbnqZkwdki_jlba_ \ kemqZ_ _keb [_a g__ ijh_klb
km^ \ijZ_ ijbagZlv nZdl ^ey \uykg_gby dhlhjh]h gZa
mklZgh\e_gguf Rml_cgbdh\ H H gZ wdki_jlbam g_ y\beky
^hdZaZl_evkl\Z ihsbl_j_]^hZxgZoh`^_gb_ \ ^ebl_evghc kem`_[g
± Z\bZpbhggu_ [be_lu dhfZg^bjh\hqgh_ m^hklh_j_gb_ k
Dhlh\kd_ Hl_lqbd lZd`_ aZy\be oh^ZlZckl\h h ^hijhk_ k\
ReZdh\Z G G b ;udh\Z K K ijDhbh\Zkxds_bod\hl]hju_ fh]ml ih^l\
qlh hjhklhyggh gZoh^beky \ wlhf]hjh^_ lh fg_gbx Rml_c
^hdZaZl_evkl\Z k\b^_l_evkl\mxl h lhf qlh \\b^m _]h hlkm
bklbpu \ hij_^_e_gguc i_jbh^ \j_f_gb hg jg_[_fhdZl [ulkvmh^l_[g
aZk_^Zgbb bklbpZ Ehimoh\Z B K ihykgbeZ qlh hl_lqbd
dhfZg^bjh\db b _]h kkuedZ gZ ihklhyggh_ ij_[u\Zgb_ \ ] D
^_ckl\bl_evghklb M^h\e_l\hjyy bkdh\u_ lj_[h\Zgby q\hj_r_
ij_^klZ\e_ggu_ bklphf ibkvf_ggu_ ^hdZaZl_evkl\Z y\eyxlky c
bo kh^_j`Zgby ijyfh g_ ke_^m_l qlh hl_lqbd g_ hlemqZek
k\b^_l_e_c g_l g_h[oh^bfhklb lZd dZd nZdl hldZaZ hl_lqb
^Zdlbehkdhibq_kdhc wdki_jlbau iha\heyxs_c k \ukhdhc kl_i
ijhbkoh`^_gb_ j_[_gdZ hl hij_^_e_ggh]h ebpZ y\gh k\b^
Rml_cgbdh\ H H y\ey_lky hlphf j_[_gdZ

L_fZ .

<hijhku ^ey h[km`^_gby
lhgylb_ bkdZ _]h we_f_glu
<b^u bkdh\
Kj_^kl\Z aZsblu hjh\l_hqbdkZ
4 lhjy^hd h[_ki_q_gby bkdZ b _]h hlf_gu
ljZ\h gZ bkd lj_^ihkuedb b mkeh\by j_ZebaZpbb ijZ\Z gZ

1. Bkd `bevph\ d\Zjfbwlgz_ h aZij_s_gbb =Zkljhghfm < jZk
gZ wlZ`_ a^Zgby \dexqZlv oheh^bevgu_ mklZgh\db ghqvx ih
2. Bkd JhfZrh\Z ? : d Fbgbkl_jkl\m nbgZgkh\ JN \ ebp_
n_^_jZevgh]h dZagZq_ckl\Z <heh]h^kdhc h[eZklb d ^_iZjl

y\bvky \ km^ ^ey ^Zqb ihdZaZgbc ebqgh Km^vy hldZaZe \ m
Z ijhba\h^kl\h ih ^_em \ klZ^bb ih^]hlh\db ^_eZ ijbhklZg
k\b^_l_ey Jh^bhgh\Z K > H^gh\j_f_ggh bf [ueh \ug_k_gh
k\b^_l_ey F]hgkLdh \ ihjy^d_ km^_[gh]h ihjmq_gby km^hf ih
k\b^_l_ey \ kem`_[ghc dhfZg^bjh\d_

1.3.

^ey ieZgbjhZgbyZe_g^ZckTick dZg[^hdb
khklZ\blv i_j_q_gv ijhp_kkmZevguo ^_ckl\bc g_h[oh^bfuo
km^_[ghfm jZa[bjZl_evkl\h ihgylb_ agZq_gb_
- h[mklZgh\e_gbb hlph\kl\Z b \aukdZgbb Zebf_glh\
- h \hkklZgh\e_gbb gZ jZ[hl_ b \aukdZgbb fhjZevgh]h \j_^Z
- h[mklZgh\e_gbb gZ jZf_evguc mqZklhd ^hklZ\rbcky \ ihjy^d_

L_fZ Km^_[gh_jZa[bjZl_evkl\h

<hijhku ^ey h[km`^_gby
Km^_[gh_ jZa[bjZl_evkl\h ihgylb_ agZq_gb_
>_ckl\b_ ijbgpbih\ ]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z
jZa[bjZl_evkl\Z
QZklb km^_[gh]h jZk^^_gby km^_[gh]h aZk_^Zgby- k ih
dhgn_j-kgyab
Ijbhklzgh\e_gb_ ijhba\h^kl\Z ih ^_em ihgylb_ hkgh\Zgby
Hleh`_gb_ jZa[bjZl_evkl\Z ^_eZ Hlebqb_ ijbhklZgh\
hleh`_gby jZa[bjZl_evkl\Z ^_eZ
Hdhgqzgb_ ^_eZ [_a \ug_k_gby j_r_gby ij_djZs_gb_
hklZ\e_gb_ bkdZ [_a jZkkfhlj_gby

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl kZZfdZ
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf F^xyE\m_^h_\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_jZ[² Fhhkd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\ZgSBN 978-5-534-14500-7. ² L_dkl
we_dljhcg H[jZah\Zl_evgZy ieZlnhjfZ XjZcl >
URL: https://urait.ru/bcode/489488
L_fZ Km^_[gh_ jZa[bjZl_evkl\h

- LearningApps.org

Ijb jZkkfhlj_gbb ^_eZ ih bkdm <Zky_\hc B < d Dme_rh\
h[tykg_gbc klhjhg b ^hijhkZ k\b^_l_e_c \ km^ khh[sbeb ql
j_[_ghd lj_^k_^Zl_evkl\h ihkl\mbxebc_j_ju\ gZ ^\Z qZkZ <h \j_fy
jZkkfhlj_e b jZaj_rbe ^jm]h_ g_keh`gh_ ]jZ`^Zgkdh_ ^_eh
ijh^he`be bkke_^h\Zgb_ ^hdZaZl_evkl\ ^hijhkbe _s_ h^gh
ibkvf_ggu_ ^hdZaZl_evkl\Z lhkem^ im^gZbedkkhyjhgkk_sZl_evgm
b ihklZgh\be j_r_gb_ dhlhjuf \ bkd_ hldZaZe
-

JZchgguc km^ aZdhgqb\ jZkkfhlj_gb G ^_edZ DiZ[ZkdlmHZ_l
mklZgh\e_gbb hlph\kl\Z b \aukdZgbb Zebf_glh\ m^Zebeky \
\j_fy kh_sZgby \uykgbehkv qlh km^vy aZ[ue \ aZe_ km^_
dh^_dk JN Z lZd`_ k[hjgbd ihklZgh\e_gbc le_gdmfZju<_jbuhlgh
gm`gu ^ey ijZ\bevgh]h jZaj_r_gby ^_eZ Km^vy iha\hgb
aZk_^Zgby gh _]h gZ f_kl_ g_ hdZaZehkv Lh]^Z km^vy ihc
ihr_e aZ dgb]Zfb \ aZe km^_[gh]h aZk_^Zgby h^gZdhvgb]
iha\hgbe k_dj_lZjx km^_[gh]h aZk_^Zgby ihijhkb\ __ jZauk
dZ[bg_l]^_]hlh\be j_r_gb_ ljhkv[Z km^vb [ueZ \uiheg_
ijZ\bevgh j_rblv ^_eh

3. Ghjfbjh\sbpZ lhih\Z < B ijbdZahf Z^fbgbkljZpbb mqj_
jZ[hlu ih khdjZs_gbx rlZlh\ KqblZy m\hevg_gb_ g_ijZ\bevgu
bkdhf h \hkklZgh\e_gbb gZ jZ[hl_ < h[hkgh\Zgb_ k\hbo lj_
Z^fbgbkljZijby__ m\hevg_gbb g_ mqeZ qlh hgZ bf__l ij_b
hklZlvky gZ jZ[hl_ ihkdhevdm m g__ ljh_ ^_l_c b \ k_fv
kZfhklhyl_evguf aZjZ[hldhf < km^_[ghf aZk_^Zgbb bklbpZ a
qlh _]h `_gZ jZ[hlZ_l_giZ_^ijbylbb \ k\yab k q_f bf_xlky kl
h[t_dlb\ghklb Km^vy m^Zeb\rbkv \ kh_sZl_evgmx dhfgZlm
dhlhjuf hldehgbe aZy\e_gb_ h[hl\h^_ Bklbpz \gh\v aZy\beZ
`_ h[klhyl_evkl\Z khjmvy mhZleb\rbkv \ kh_sZl_evgmx dhfgZ
hij_^_e_gb_ dhlhjuf aZy\e_gb_ bklbpu \gh\v hklZ\be [_a m^

ljhoh`^_gb_ dmjkZ ©lhbkd km^_[ghc ijZdlbdb ^ey nhjfbjl
gZ ieZlnhjf_ ÷khlh^ghlu https://student.action.group

L_fZ .

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1. L_klbjh\Zgbkzf^heiyh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZo-gZag
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf FXyE\n^h\\ >b ^h^@
j_^Zdpb_x E_[_^_²\Z-_ ba^ i_j_jZ[² hh^d\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__[jZah\Zg²b_ISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZlhklZgh\e_gby km^Z i_j\hc bgklZgpbb
Padlet

Z aZy\e_gb_ hl_lqbdZ h i_j_^Zq_ ^_eZ \ km^ ih f_klm _]h `
[aZy\e_gb_ B\Zgh\hc L : h gZeh`_gbb Zj_klZ gZ Z\lhfZr
h[_ki_q_gby __ bkdZ d [u\r_fm fm`m B\Zgh\m N l h jZa^
bfms_kl\Z
\ aZy\e_gb_ ij_^ijbylby ©DjZkgZy jhaZª d FZgkmjh\m
ij_^hklZ\e_gby h^jmeh]h ihf_s_gby
] aZy\e_gb_ Dmag_ph\Z G : h[hlkjhqd_ bkiheg_gby j_r_gb

D fbjh\hfm km^v_ ihklmibeh lj_[h\Zgb_ lhlZih\Z B : h \ug
ih lj_[h\Zgbx h \aukdZgbb gZqbke_gghc gh g_ \uieZq_ggh
Km^vy hldZaZe lhlZih\m B : \ ijbgylbh\Zq_ykm^g[gh]haZjbdZ
g_ij_^klZ\e_gby bf ^hdmf_glh\ ih^l_j`^Zxsbo aZy\e_ggh_ l

L_fZ . [ ]

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1. L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZ
=jZ`^Zgkdbc ijhmqk[gbd b ijZdlbdmf FXyE\h^h\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^_j_jZ[b ²^Fihkd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZ AZhqgh_ ijhba\h^kl\h Mijhs_ggh_ ijhba\h^kl\h
Padlet

K_f_gh\Z < G ij_^ty\beZ bkd d DZjZfur_\m G = h- jZkl
ijh^Z`b d\Zjlbju Km^_[gh_ aZkgZ[gbh guZeh gZy] fZy
km^ ihklmibeh aZy\e_gb_ hl DZjZfur_\Z \ dhlhjhf hg mdZaZ
bkdhf g_ kh]eZk_g < km^_[ghf aZk_^Zgbb bklbpZ aZy\be
aZhqgh]h j_r_gby b ij_^ty\beZ ^hdZajZ^_gbkl\Zhbio lj_[h\Zgb

2. ;_ey_\Z = : ij_^ty\beZ bkd d >y]be_\m E K h ijbgm^bl_ev
km^ g_ y\beky ohly [ue ba_s_g Km^ hleh`be jZkkfhlj_gb_
Hl_lqbd \gh\v \ km^ g_ y\beky ihlhfm qlh gZoh^beky \
oh^ZkZ\ch h \ug_k_gbb aZhqgh]h j_r_gby lZd dZd hl_lqbd
km^_ gh ijhlb\ bkdZ g_ \hajZ`Z_l b gbdZdbo ^hdZaZl_evkl
gZh[hjhl ij_^klZ\beZ g_h[oh^bfu_ ^hdZaZl_evkl\Z \ ih^l_j`^
\ bkdh\hfea_Zgyb

3. Kb^hjh\Z ij_^ty\beZ bkd d <Zkbev_\m h aZsbl_ q_klb b ^
[ueh aZy\e_gh lj_[h\Zgb_ h \aukdZgbb fhjZevgh]h \j_^Z \
ij_^eh`be klhjhgZf jZkkfhlj_gbb ^_emijh\s_ggh]h ijhba\h^kl\Z

4. JhfZrh\ ih^Ze bkd d \aukdZgbb aZ^he`_gghklb \ jZaf_j_
^h]h\hjm Zj_g^u Km^vy \ hij_^_e_gbb h jZkkfhlj_gbb ^_e
ijhba\h^kl\Z hl e qhdZaZjhgZf \ kjhd ^h g
h[f_gylvky ^hdZaZl_evkl\Zfb ih ^_em LZd`_ hg ij_^eh`be
aZdexq_gby fbjh\h]h kh]eZr_gby b jZatykgbe ijZ\h

5. < oh^_ jZkkfhlj_gby ^_eZ \ ihjyh^dijhmaihs^kbgZ ih bkdm Kbf
Kbfhgh\kom^ gZagZqbe [_k_^m b \ua\Ze ^ey wlh]h klhjhgu
bkdh\uo_[hj\Zgbc b \hajZ`_gbc gZ gbo Z lZd`_ ij_^hklZ\blv
h[f_gylvky ^hdZaZl_evkl\Zfb

-

L_fZ .

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1. Googl :

DZdh_ ba mkeh\bc g_ \oh^bl \ kh\hdmighklv mkeh\bc ij_^
^_eZf h aZsbl_ ijZ\ b aZdhgguo bgl_j_kh\ ]jmiiu ebp
bf__lky h[sbc ih hlghr_gbx d dZ`^hfm mqZklgbdm]jmiiu h
\k_ mqZklgbdb]jmiiu bkihevamxl bZ^sbgZdho\ijZkihkh[a
ij_^f_lhf kihjZ y\eyxlky jZaebqgu_ ijZ\Z bgl_j_ku mqZklgbc

JZkkfhlj_gb_ ^_eZ h aZsbl_ ijZ\ b aZdhgguo bgl_j_kh\ ]jm
dh ^gx h[jZs_gby \ km^ d wlhc]jmii_ ebp ijbkh_^bgbehkv g_
iylb ebmqZklgbdh\ ]jmiiu
iylgZ^pZl+bmeqZklgbdh\ ]jmiiu
^\Z^pZl+bmeqZklgbdh\ ]jmiiu

Ebph dhlhjh_ _^_l ^_eh \ bgl_j_kZo]jmiiu ebp ih h[s_fm
^he`gh [ulv mqZklgbdhf wlhc]jmiiu
g_ ^he`gh [ulv mqZklgbdhf wlhc]jmiiu
^he`gh bf\ulkvr__ xjb^bq_kdh_ h[jZah\Zgb_ b h[eZ^Zlv
iheghfhqbyfb

Ebph dhlhjh_ _^_l ^_eh \ bgl_j_kZo]jmiiu ebp
\ ex[hf kemqZ_ \ijZ_ ihjmqblv _^_gb_ ^_eZ \ bgl_j_kZo]
\ijZ_ ihjmqblv _^_gb_ ^_eZ ij_^khZ\bg_exij_^mkhlbg
kh]eZr_gb_f]jmiiu ebp
\ijZ_ ihjmqblv _^_gb_ ^_eZ ih_^vkhZ\blkebx wlh ij_^mk
kh]eZr_gb_f mqZklgbdh\ ]jmiiu

MqZklgbdb]jmiiu ebp dhlhju_ g_ kh]eZkgu k ij_^ty\e_gg
ijZ\ b aZdhgguo\bjgh_ijiu_kebp \ijZ_ \klmiblv \ ^_eh \ dZq_kl\
K\b^_l_e_c
lj_lvbo ebp aZy\eyxsbo kZfhklhyl_evgu_ lj_[h\Zgby hlghk
lj_lvbo ebp g_ aZy\eyxsbo kZfhklhyl_evguo lj_[h\Zgbc hl
khhl_lqbdh\

>_eZZhsbl_ ijZ\ b aZdhgguo bgl_j_kh\ ]jmiiu ebp jZkkfZljb\
ij_\urZxsbc
^\mo f_kyp_\

iylb f_kyp_\
\hkvfb f_kyp_\
^_\ylb f_kyp_\

Ijh_^_gb_ ij_^\Zjbl_evgh]h km^_[gh]h aZk_^Zgby \ jZfdZ
ijZ\ b bgl_jjkhh\u ebp
y\ey_lky h[yaZl_evguf
fh`_l bf_lv f_klh ih bgbpbZlb_ ebp mqZkl\mxsbo \ ^_e_
\hafh`gh ih bgbpbZlb_ km^Z
g_ ijh\h^blky \hh[s_

H[klhyl_evkl\Z mklZgh\e_ggu_ \klmib\rbf \ aZdhggmx kbe
jZkkfhlj_gghfm aZeZl_ ijZ\ b aZdhgguo bgl_j_kh\ ]jmiiu ebp
gbdh]^Z g_ ^hdZau\Zxlky \gh\v ijb jZkkfhlj_gbb ^jm]h
mqZklgbdZ]jmiiu dhlhjuc jZg__ g_ ijbkh_^bgbeky eb[h h
ijbkh_^bg_gbb d lj_[h\Zgbx]jmiiu d lhfm `_ hl_lqbdm
2 ih^e_`Zl ^hdZau\Zgbx _keb ih^h[gu_ h[klhyl_evkl\Z hkiZj
]jmiiu
j_r_gb_ ^Zggh]h \hijhkZ gm`^Zxlky \ ^hdZau\Zgbb beb g
km^Z

L_fZ . Hkh[h_ ijhba\h^kl\h

AZ^Zgbey kZfhklhyl_evghc jZ[hlu
1.1 L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZ
=jZ`^Zgkdbc ijhmqk[gbd b ijZdlbdmf F\yE\m_a^h\\ >b ^hj^@
j_^Zdpb_x E_[_^_²\Z-_ ba^ i_j_jZ[² Fhkdl\Ba^Zl_evkl\h XjZc
2022. ² 428 k ² <ukr__ h[jZah\ZgSBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZ Hkh[h_ ijhba\h^kl\h
1.2. Padlet

1. Kbfhgh\Z L l h[jZlbeZkv \ km^ k aZy\e_gb_f h[mklZgh\e
b`^b_gbb lhjlgh\Z B ; < aZy\e_gbb hgZ mdZaZeZ qlh [h
lhjlgh\u B ; \ nZdlbq_kdbo [jZqguo hlghr_gbyo g_ bf_eZ k
jZaf_j ihemqZ_fhc _x i_gkbb g_ h[_ki_qb\Z_l ijh`blhqgh]h f
aZy\e_gb_ Kbfhgh\hc L l [_a ^\b`_gby

Kmijm]b]jZ`^ZgdZ> DZ`hZg^uhg b]jZ`^Zgbg Jhkkbckdhc N
>`hgkhh[jZlbebkv \ Z^\hdZlkdh_ [xjh ©=jb[h\ b iZjlg_juª k ijh
ihjy^hd mkugh\e_gby j_[_gdZ y\eyxs_]hky]jZ`^Zgbghf Jh
qZklghklb \ dZdhc]hkm^Zjkl_gguc hj]Zg ke_^m_l h[jZsZ
aZy\e_gby h[mkugh\e_gbb dZdb_ ^hdmf_glu ke_^m_l ijbeh
hkms_kl\eylvkl\h dZ^h_eZ h[mkugh\e_gbb d km^_[ghfm jZa
km^_[gh_ jZa[bjZl_evkl\h dZdh\h kh^_j`Zgb_ j_r_gby ih ^_e

3 Ebph ih^Z\r__ Zi_mexèZeh[mg h[jZkme^vk_v kdvi[jhc \ha\jZflblv _
Zi_eeypbhggmx `mZ^evhy[mhldkZaZeky \ha\jZlblv Zi_eeypbhggmx `
hldZa l_f qlh ^_eh k Zi_ehyqbmh`ghgcZijZeeh_gkm\ufr_\klhys_c
bgklZgpbb

L_fZ .

< h i j h k u ^ e y h [k m ` ^ _ g b y
Ijz\h gZ h[jZs_gb_ \ dZkkZpbhgguc km^ h[s_c xjbk^bdpb
nhjfZ b kh^_j`Zgb_ dZkkZpbhgghc `Zeh[u ij_^klZ\e_gby
Jbgylb_ dZkkZpbhgghc `Zeh[u ij_^klZ\e_gby
3. Ijhp_kkmZevguc ihjy^hd b kjhdb jZkkfhlj_gby `Zeh[u ij_^k
km^hf h[s_c xjbk^bdpbb
4. Ij_^_eu jZkkfhlj_gby ^ey hlfggu_gby ka^_[guo ihklZgh
dZkkZpbhgguf km^hf h[s_c xjbk^bdpbb
5. IjZ\h gZ h[jZs_gb_ \ km^_[ghc dhee_]bx <_joh\gh]h Km^Z Jhkkb
Kjhd b ihjy^hd ih^Zqb `Zeh[u ij_^klZ\e_gby
NhjfZ b kh^_j`Zgb_ `Zeh[u ij_^klZ\e_gby Bo \ha\jZs_gb_
JZkkfhlj_gb_ dZkkZpbhgghc `Zeh[u ij_^klZ\e_gby I_j_
`Zeh[u gZkkfZlj_gb_ \ km^_[gh_ aZk_^Zgb_ dhee_]bb <_joh\
N_^_jZpbb
Ihjy^hd jZkkfhlj_gby `Zeh[u ij_^klZ\e_gby \ km^_[gh
<_joh\gh]h Km^Z Jhkkbckdhc N_^_jZpbb Ij_^_eu jZkkfhlj_gb
Iheghfhqby km^_[ghc dhee_]bb <_joh\gh]h Km^Z Jhkkbckd
Hij_^_e_gb_ km^_[ghc dhee_]bb <_joh\gh]h Km^Z Jhkkbc
\ aZdhggmx kbem

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu

1.1. L_klbjh\Zgb_ ^ey kZfhijh_jdkXjZZlie4ZZrfdZo gZagZq-ggh]h
=jZ`^Zgkdbc ijhmqk[gbd b ijZdlbdmf F\xyE\m_a^h_\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fh^kd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\Zgb ISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZlijhba\h^kl\h \ km^_ dZkkZpbhgghc bgklZgpbb
1.2. <uiheg_gb_ dhfZg^ghqjZ ieZZ^ZdhjfY XjZcl \ jZfdZo gZa-gZq_g
=jZ`^Zgkdbc ijhmqk[gbd b ijZdlbdmf F\xyE\m_a^h_\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fh^kd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\Zgb ISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZlijhba\h^kl\h \ km^_ dZkkZpbhgghc

1. K dZkkZpbhgghc `Zeh[hc \ h[eZklghc km^ h[jZlbeZkv ?\k_
mdZaZeZ qlh fbjh\uf km^hf [ueh \ug_k_gh j_r_gb_ h jZklhj`
B b jZa^_e_ kh\f_klgh gZ`blh]h bfms_kl\Z Z\gbuf_g^ghe\Zkh
i_j\hc bgklZgpbb g_ mq_e ly`_eh_ fZl_jbZevgh_ iheh`_gb_
dhlhjh]h bf_xlky \ ^_e_ Z lZd`_ lh qlh m g__ gZ b`^b_gbb

LZd`_ \ km^ ihklmibeZ dZkkZpbhggZy `Zeh[Z ?\kvx_?hk_@\Z
B b dhlhjhc km^hf i_j\hc bgklZgpbb [ueh hldZaZgh \ ijb\
dZq_kl_ lj_lv_]h ebpZ aZy\eyxs_]h kZfhklhyl_evgu_ lj_[h\Z
kihjZ AZy\bl_ev kkueZ_lky gZ lh qlh j_r_gb_ km^Zhkl\ljZ]b
lZd dZd qZklv ^_g_] gZ ihdmidm d\Zjlbju kmijm]Zf ?\k__\uf i

2.

Z km^_[guc ijbdZa h \aukdZgbb gZqbke_gghc gh g_
ieZlu \u^Zgguc fbjh\uf km^v_c
[j_r_gb_ Kfhe_gh[eZkhgh]h km^Z ih j_amevlZlZf j
dhee_dlb\gh]h ljm^h\h]h kihjZ
\ Zi_eeypbhggZy `Zeh[Z hij_^_e_km^b_[ghc dhee_]bb hKfheZkhgh]h km^
dhlhjuf hklZ\ea_ghaf[_g_gby j_r_gb_ jZchggh]h km^Z [_a baf_
Zi_eeypbhggZy `Zeh[Z [_a m^h\e_l\hj_gby
3. 26.08.2018 Zi_eeypbhgguf hij_^_e_gb_f jZchggh]h km^Z hklZ
j_r_gb_ fbjh\h]h km^vb Z Zi_eeypbhggZy `Zeh[Z [_a m^
ihkqblZ\ qlh _]h ijZuZ_ hgaZjhkgu gZjmr_guih^ZdZkkZpbhggm
`Zeh[m dZkkZpbhgZy `Zeh[Z \ha\jZs_gZ [_a jZkkfhlj_gby
hkgh\Zgbb i q kl =ID JN

L_fZ .I

<hijhku ^ey h[km`^_gby
1.Hkgh\Zgby i_j_kfhljZ km^_[guo Zdlh\ ih \gh\v hldju\r
h[klhyl_evkl\Zf
2. lhjy^hd b kjhdb h[jZs_gby k aZy\e_gb_f h i_jikfhgjh\vkm
hldju\rbfky beb gh\uf h[klhyl_evkl\Zf
3. ljhp_kkmZevgu_ hkh[_gghklb i_j_kfhljZ km^_[guo Zdlh\ ih
gh\uf h[klhyl_evkl\Zf

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu

ljhba_^bl_ kjZ\gbl_evguc ZgZeba ghjf =ID JKNKJ
^_ckl\mxsbo ^h yg\Zjy] b ghjf =ID JN] ^_ckl\
] j_]mebjmxsb_ gZ^ahjgh_ ijhba\h^kl\h Baeh`bl_ ^b
lZd`_ k\h_ fhlZ\gbgh_ fg_gb_ hlghkbl_evgh lh]h ghkbl
j_]mebjh\Zgb_ ijh]j_kkb\guc_amZejZdZlu ij_^klZ\vl_ Excel,
PowerPoint, Canva b li

2. ljhZgZebabjmcl_ ghjfu j_]mebjmxsb_ ijhba\h^kl\h \ dZkkZ
gZ^ahjghc bghklZgapeh`bl_ h[sb_ q_jlu b jZaebqby Baeh`bl_ k
fg_gb_ bf__lky eb \ gZklhys__ \j_fy g_h[oh^bfhkl_amevZlu
ij_^klZ\vl_ k ihExcel,PowerPoint, Canva b li

Ju[Zdh\ h[jZlbeky \ km^ hk iaZjy\kefhgjb_fih \gh\v hldju\r
h[klhyl_evkl\Zf j_r_gby jZchggh]h km^Z h jZa^_e_ kh\f_klg
aZy\e_gbb Ju[Zdh\ mdZaZe qlh ijb jZa^_e_ kh\f_klgh gZ`blh
k Ju[Zdh\hc hg g_ agZe qlh Ju[Zdhj\Zh\c_ ikhgjZl^\e_g`hlkgbZ\lhfl
©'DHZRR1H[LDª]h^Z \uimkdZ Ju[Zdh\Z \ km^_ mfhec
lheZ]Zy qlh Ju[Zdh\ ^ZeZ \ km^_ aZ_^hfh eh`gu_ ihdZaZgl
kh\f_klgh gZ`blh]hkl\Zfm\s i_jbh^ [jZdZ k Ju[Zdh\ufkfhlj_lv
j_r_gb_ km^Z

2. Kh]eZkgh i q kl =lD JN mklZgh\e_gb_ ?KlQ
Dhg_gpbb h aZsbl_ ijZ\ q_eh_dZ b hkgh\guo k\h[h^ ij
dhgdj_lgh]h ^_eZ \ k\yab k ijbgylb_f j_r_gby ih dhlhjhfm
?KlQ y\ey_lky hkgh\Zjg_k_fhl^Zey^_eZ ih gh\uf h[klhyl_evkl\Zf

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1.
1. =jZ`^ZgdZ EbZ\ucdZ ZhjeZkv \ h^bg ba jZchgguo kmk^h\ ]
aZy\e_gb_f h ijbkm`^_gbb Zebf_glh\ gZ kh^_j`Zgb_ __
]jZ`^ZgbghfEbl\u k hlpZ j_[_gdZ l_ljh\Z bf_xs_]h ]jZ`
N_^_jZpbb b ihklhyggh_ f_klh `bdhcvkN\Z_\jZphkkbck

L_fZ IjbagZgb_ b bkiheg_gb_ j_r_gbc bghkljZgguo kmh\b bghkljZgguo
lj_l_ckdbokmhZjbljZ`c

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1.L_klbjh\Zgbk Zfhe ijh_jdb gZ ieZlnhjf_ XjZcl \ jZfdZo -gZag
=jZ`^Zgkdbc ijhmqk[gbd b ijZdlbdmf FXyE\n^h\\ >b h^j^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhkd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__[jZah\Zg²b _ISBN 978-5-534-14500-7. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488

L_fZ Ijhba\h^kl\h ih ^_eZf k mqZklb_f .bghkljZggguo ebp

1.2 :
1. < km^ gZoh^ysbcky gZ l_jjblhjbb <_g]jbb h[jZlbeky ;l
bklj_[h\Zgbb Z\lhfh[bey gZoh^ys_]hky \ g_aZdhgghf \eZ^_g
N_^_jZpbb Kljhdh\Z ijh`b\Zxs_]h gZ l_jjblhjbb <_g]jbb Kljh
^Zgguc Z\lhfh[bev [ue bf dmie_g m ;hjhkZ \h \j_fy gZoh`^_
>Zgguc nZdl fh`_l ih^l_j^blv k\b^_l_ev Dex_\ y\eyxsbcky]_
N_^_jZpbb b ihklhyggh ijh`b\Zxsbc \ ] Fhkd_ Kljhdh\ ijhkb

-

L_fZ Ijhbah\khih^eZfkmqZklb_fbghkljZgghh]hkmZjklZ

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1. Ijh ZgZebabjmcl_ Dhg_gpbx HHG hbfxfjmbgkhb_dlZbohghgkm^Zjkl\
kh[kl_gghkl-bCh Gdvx NA bl -N A ©H xjbk^bdpbhgg
bffmgbl_lZo bghkljZggh]h]hkm^Zjkl\Z b bfms_kl\Z bghk
Jhkkbckdhc N_^hl\Zlvblbkeg^mxsb_ \hijhku

4

J_amevlZlu ij_^klZ\vl_Exel, Power Point, Canva bli

1.2.L_klbjh\Zgb_ ^ey kZfhijh_jdb gZ\iejZfhZjf_gZXajZZhq_g-gh]h
=jZ`^Zgkdbc ijhpmqk[gbd b ijZdlbdmf F\xyE\n_a^h\\ >b ^hj^@
j_^Zdpb_X E_[_^_²\Z-_ ba^ i_j_jZ[² Fhkd\ZBa^Zl_evkl\h XjZ
2022. ² 428 k ² <ukr__ h[jZah\ZlgSBN 978-5-534-14500-7. ² L_dkl
we_dljhggguc H[jZah\Zl_evgZy ieZlnhjfZ ²XjZcl
URL: https://urait.ru/bcode/489488
L_fZ Ijhba\h^kl\h ih ^_eZf k mqZklbg_ufobeghkljZg

Z 5. a

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 AZ^Zqb
1. < j_]eZf_gl_ Zj[bljZ`Z lj_l_ckdh]h km^Z ij_^mkfhlj_gZ
_^bghebqgh]h lj_l_ckdh]h km^vkbmifhh\ck_bfkdh\euZof kj_[h\Zgbc ^h
jm[Hl_lqbd aZy\be oh^ZlZckl\h h jZkkfhlj_gbb ^_eZ \
ij_^hklZ\e_gb_f _fm ijZ\Z ba[jZgby lj_l_ckdh]h km^vb

2. F_`^m HHH ©W^_ev_ckª b BI Dhjh[_cgbdh\uf klZeb \ha
ih\h^m kjhdh\ ihklZ\db b dZq_kl\Z ihklZ\ey_fhc ijh^mdpbb
;m^mqb ^Z\gbfb iZjlg_jZfb gZ jugd_ jk[illegible]
kihj \ jZfdZo lj_l_ckdh]h jZa[bjZl_evkl\Z k ihfhsvx ki_pbZeb

L_fZ **6.[illegible]**
[illegible]

AZ^Zgb_ ^ey kZfhklhyl_evghc jZ[hlu
1.1 AZ^Zqb
1. < Zj[bljZ`ghf kh]eZr_gbb klhjhgu aZnbdkbjh\Zeb ^h]h\hj_g
^_eZ [_a mklgh]h kemrZgby gZ hkgh\Zgbb ij_^klZ\e_gguo ibl

2. < I>:M ihklmibeh bkdh[illegible] aZ\a\ek_dZgbb aZ^he`_gghklb \ k
jm[aZ ihklZ\e_ggu_ lh\Zju luk jm[g_mklhcdb ih ^h
ihjy^d_ kheb^Zjgh]h bkiheg_gby h[yaZl_evkl\ k HHH ©B]jhl
mieZl_ lj_l_ckdh]h k[hjZ Hl_[illegible]
lZd dZd jZg__ lZdhc bkd m`_ ij_^ty\eyeky bklphf \ lj_l_c
hldZaZeky hl k\h_]h lj_[h\Zgby Z ijhba\h^kl\h [ueh ij_djZs_
-

[illegible] **7.[illegible]**
[illegible]

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
AZ^ZqZ
ljb jZkkfhlj_gbb kihjZ \ Dhkljhfkdhf wdhghfbq_kdhf Zj
©Dhkljhfkdhc fhehdhaZ\h^ª b HHH ©EZamjvª bkl_p aZy\be

bkdZ KhklZ\ Zj[bljZ`Z \ug_k ijZdh_Zejbra_Zgbb_b ^Zggh]h j_r_gl
\hijhk h ihjy^d_ _]h ijbgm^bl_evgh]h bkiheg_gby

1.2

L_fZ .

<hijhku ^ey h[km`^_gby
F_klh bkiheglbl_evgh]h ijhba\hjZkl\Zgkdhbkhl_ifhp_kkmZevgh]
Km[t_dlu bkiheglbl_evgh]h ijhba\h^kl\Z b bo ijZ\Z
Hkgh\Zgby bkiheg_gby b bkiheglbl_evgh]h ijhba\h^kl\Z b bo ijZ\Z
km^Z b n_^_jZevghc kem`[u km^_[guo ijbklZ\h\
Bkiheglbl_evgu_ ^_ckl\by Hihsebg_bijZevgh]hbkjhba\h^kl\Z
Kjhdb bkiheg_gby Hleh`_gb_ b ijbhklZgh\e_gb_ bkiheg_
bkiheg_gby baf_g_gb_ kihkh[Z b ihjy^dZ bkiheg_gby
AZsblZ ijZ\ \aukdZl_ey ^he`gbdZ b ^jm]bo ebp \ bkiheglbl
JZkoh^u ihegb_gbx Bkiheglbl_evkdbc k[hj JZkij_^_e_gb_
f_`^m \aukdZl_eyfb
Bkiheg_gb_ Zdlh\ h \aukdZgbb ^_g_`guo kmff
Bkiheg_gb_ Zdlh\ h[yau\Zxsbo ^he`gbdZ kh_jrblv hij_^_e

AZ^Zgby ^ey kZfhklhyl_evghc jZ[hlu
1.1 ijZdlbq_kdhZ_gbaZ^

-

-

3-

.

J_amevlZlu ij_^klZ\vl_exkl, Powerpoint, Canva bli.

AZ^Zqb
1. Km^_[guc ijbkhZe\gbl_ev Kdjulguc : B fZy batye
^he`gbdZ DZ[Zgh\Z F B b] ifZy^Ze _]h bgZ \ojZHgHg© OjZgbl_ev
fZy] Kdjulguc : B ijh\bae tyhhbkvbfms_kl\Z Z] gZyeh`be g
g_]h Zj_kl -

lmoh\ h[jZlbeky d km^_[-ghkfhegjbkeZx\mk aZy\e_gb
\ha[m`^_gbb bkiheglbl_evgh]h ijhba\h^kl\Z b bkiheglbl_evgu
hkgh\Zgbb j_r_gbyh]h ijZkdggh]h km^Z] KZjZlh\Z - Km^_
bkiheglbl_ev \ha[m^be bkiheglbl_evgh_ ijhba\h^kl\h
ljb ^gy ^ey ^h[jh\hevgh]h bkiheg_gby lj_[h\Zgbc
ijbklZbkiheglbl_ev ijb[ue gZ f_kbly kh\hjrglbl_evguo ^_ckl\b
ijbgm^bl_evghf ihjy^d_ ijhba_e bkiheg_gb_

-

Djbl_jbbhp_gbZgbyj_amevlZlh\ hkh_gbybkpbiebgufhmey

1 Hp_ghqgu_ kj_^kl\Z b djbl_jbb hp_gb\Zgby ^ey l_dms_c

Ijbf_jaZ^bZq
JZchgguc km^ jZkZ^hZgkedh_ ^_eh ih bkdm GbdheZ_\Z = l
ijbagZgbb ijZ\Z kh[kl_gghklb gZ `behc ^hf b bkd qZklbqg
[ueh ihklZgh\e_gh Z\]mklZ] bkZ\jmGkbdheZ_\ gZijZ\be
jZcghgh]h km^Z ih ihqbhgZim`Zeyjm gZ j_r_gbh_hkZy^Zhkdmibe
Z\]mklZ] Km^vy ihemqb\ `Zeh[m \ug_k hij_^_e`Zeh[h
k\yab k ijhimkdhf bklphf kjhdZ mklZgh\e_gh]h aZdhghf ^e
km^ lZd`_ ihklmibeZ `Zehy[mqbkjZ]ml²bgZkhGhc L : dhlhj
ijhkbeZ hlf_gblv j_r_gb_ kqblZy qlh km^ g_ijZ\bevgh ij
kh[kl_gghklb gZ qZklv `beh]h ^hfZ Km^vy ijbgye `Zeh[m

2

Hlebqgh	1. ijZ\bevgh_ j_r_gb_ mql_gu ijh[e_fgu_ fhf j_r_gby 2. \uy\e_gu ijh[e_fgu_ fhf_glu ij_^eh`_gZ \ZjbZglghklv j_r_gby 2. hl_l gZ aZ^Zqm ij_^klZ\ey_l kh[hc eh]bq khq_lZxsbc l_hj_lbq_kdb_ agZgby b ija^Zqb
Ohjhrh	ijZ\bevgh_ j_r_gb_ fh`_l kh^_j`Zlv g_agZ
M^h\e_l\hjbl_	g_ijZ\bevgh_ j_r_gb_ gh l_hj_lbq_kdb h[h ijZ\bevgh_ j_r_gb_ ijb keZ[hf l_hj_lbq_kdh
G_m^h\e_l\hj	hldZa hlZhl_ g_ijZ\bevgh_ j_r_gb_ [_a h[hkgh\Zgby

Hp_ghqgu_ kj_^kl\Z b djbl_jbb hp_gb\Zgby ^ey ijhf_`mlh

3

AZq\ukl Z\ey ihkyh]Zf jZ[hlu \ k>eykh emq_gbkaZqglZ^he`_g
ihemqblv [Zeeh\
;Zeeu gZqbkey_fu_ aZ jZ[hlm klm^_glZ
Ihk_s_gb_ e_dpbhgu[ZeZylb^gh aZgdykbfZefvZgh [Zeeh\
jZkq_lZ eh\Zhbc
Ihk_s_gb_ ijZ 8pr&% b

4 <uih_egb_ ^hfZrgbo aZh^dZgZ^jZh[lZ gZ XjZcl-^dhZkd[Zg bgu_ \b
kZfhklhyl_evghc±jZ[dkbfZe4vg[hZeeZ
5. Klm^_glm ^hihegbl_evlgkv gaZqbkeyZ_klb_ \ l±ebfijb_Zh^Zevguo
[Zeeh\aZ mqZklb_ud\ kglZm^qgq_kdbo dhgn_j_gpbiyo_fbZjmfZuo
[ZeeZ

Eb[h ^ey g_ kmf_\rbo gZ[jZlv [Zeeh\ klm^_glh\ ij_^
blh]h\h]h l_klbjh\Zgby

Dlh fh`_l hldZaZlvky hl ijZ\Z gZ h[jZs_gb_ \ km^ ih =lD
nbabq_kdb_ b xjb^bq_kdb_ ebpZ
g_^__kihkjhZ`^uZg_
hldZa hl ijZ\Z gZ h[jZs_gb_ \ km^ g_^_ckl\bl_e_g

DZdb_ ^\Z hkgh\guo \b^Z km^hijhba\h^kl\ \u^_ey_l =lD"
bkdh\h_ b g_bkdh\h_ ijhba\h^kl\h
ijbdZagh_ b hkh[h_ ijhba\h^kl\h
ijhba\h^kl\h ih ^_eZf \ul_dZxsbf ba im±ijZ\hguo bhljZ`^Zgbk

Q_f hlebqZ_lky Zi_eeypbhggZy bgklZgpby hl dZkkZpbhgg
\ Zi_eeypbhggmx bgklZgpbx ih^Z_lky bkd h i_j_kfhlj_ j_r
dZkkZpbh±gkmm^Z h[s_c xjbk^bdpbb
\ Zi_eeypbhggmx bgklZgpbx ih^Z_lkys_bkgl_ h\kil_mjj_k\fh_ljh
aZdhggmx kbem j_r_gby km^Z±\Zkl\mdZ\k_Zhp\hagZdhggmx kbem
km^Z
\ Zi_eeypbhgghc bgklZgpbb ^_eZ jZkkfZljb\Zxlky lhevdh k

Dhfm ih^qbgyxlky km^vb ijb hkms_kl\e_gbb ijZ\hkm^by"
1) lj_ab^_glm JN
=_g ljhdmjhjm JN
km^vb g_aZ\bkbfu b ih^qbgyxlky lhevdh aZdhgm

lh h[s_fm ijZ\bem \ km^_[ghf aZk_^Zgbb ijhdmjhj ij_^klZ
bklpZ
]hkm^Zjkl\Z
hl_lqbdZ

Km[t_dlu g_ihkj_^kl_ggh hkms_kl±wlyhxsb_ ijZ\hkm^b_
km^vy km^
ijhdmjhj
Z^\hdZl

Dlh ba mqZklgbdh\ km^_[gh]h jZa[bjZl_evkl\Z bf__l ijZ\h
lhevdh ijhdmjhj
lhevdh bkl_p
ex[h_ ebph mqZkl\mxs__ \ ^_e_

Klhjhgu \ ]jZ`^Zgkdh±fwlhhxp_kk_
km^vy km^ ijZeZpdhlhjh]h gZjmr_gu
bkl_p b hl_lqbd

ijhdmjhj b Z^\hdZl

lhke_ aZf_gu g_gZ^e_`Zs_c klhjhgu jZkkfhlj_gb_ ^_eZ«
ijh^he`Z_lky
ijbhklZgZ\eb\Z_lky
ijhba\h^blky k kZfh]h gZqZeZ

MqZklb_ \ ^_e_ g_kdhevdbo hl_lgZdh\Zixb«h^ghf bklp_
Zdlb\guf khmqZklb_f
iZkkb\guf khmqZklb_f
kf_rZgguf khmqZklb_f

ljbagZlv]jZ`^ZgbgZ g_^__kihkh[guf fh`_l lhevdh«
km^ h[s_c xjbk^bdpbb
Zj[bljZ`guc km^
fbjh\hc km^vy

JZa]jZgbq_gb_ ih^km^ghklb f_`^m^jZgbcfkbkhlj_hlguyfb_gkm_l
l_jjblhjbZevghc
ijhkljZgkl_gghc
jh^h\hc

AZdexqblv fbjh\h_ kh]eZr_gb_ fh]ml lhevdh«
ijhdmjhj b aZsblgbd
bkl_p b hl_lqbd
km^vy km^

>ZqZ aZdexq_gbwyhihj^j_he]mZlb\Z«
ijhdmjhjZ
Z^\hdZ
km^vb km^Z

Lj_lv_ ebph aZy\eyxs__ kZfhklhyl_evgh_ lj_[h\Zgb_ hl
fh]ml \klmiblv \ ^_eh
gZ ex[hc klZ^bb]jZ`^Zgkdh]h ijhp_kkZ
ihke_ \ug_k_gby j_r_gby km^hf
^h ijbgylby km^_[gh]h ihklZgh\eb_gkblZgkm^hf i_j\hc

lj_^klZ\bl_eyfb fh]ml [ulv
\k_ nbabq_kdb_ ebpZ aZbgl_j_kh\Zggu_ \ ^Zgghf ^_e_
lj_lvb ebpZ g_ aZy\eyxsb_ kZfhklhyl_evgh]h lj_[h\Zgby
^__kihkh[gu_ ebpZ bf_xsb_ gZ^e_`Zsbf h[jZahf hnhjfe
_^_gb_ ^_eZ

Qlhh\bl \ iheghfhqby ij_^klZ\bl_ey"
agZdhfblvky k fZl_jbZeZfb ^_eZ ^_eZlv \uibkdb ba gbo k
aZ^Z\Zlv \hijhku ^jm]bf ebpZf mqZkl\h\Zlv \ ^_e_
\k_ i_j_qbke_ggu_ iheghfhqby

WlZiu ijhp_kkZ ^hdZau\Zgby
kh[bjZgb_ ijh_jdZ hp_gdZ
h[gZjm`_gb_ hp_gdZ ijh_jdZ

hp_gdZ ijh_jdZ aZdj_ie_gb_

G_ ih^e_`bl ^hdZau\Zgbx
ijbqZklghklv ij_^f_lh\ d ^Zgghfm ^_em
nZdlu ij_x^bpbZevgh mklZgh\e_ggu_
nZdlu hkiZjb\Z_fu ^jm]hc klhjhghc

>hdZaZl_evkl\Z bf_xl ^emkdZ\aZjZgm_x kbem
^Z
g_l
lhevdh ibkvf_ggu_ i_j_^ mklgufb

>hihegbl_evgZy wdki_jlbaZ gZagZqZ_lky
\ kemqZ_ g_^hklZlhqghc ykghklb beb g_iheghlu aZdexq_g
\ k\yab k \hagbdrbfb khfg_gbyfb \ ijZ\bevghkZ g_beZ^gghkg
aZdexq_gby
\ kemqZ_ gZebqby ijhlb\hj_qbc \ aZdexq_gbyo g_kdhevdbc

D km^_[guf jZkoh^Zf hlghkylky
rljZnu ba^_j`db k\yaZggu_ k jZkkfhlj_gb_f ^_eZ
]hk ihrebgZ ba^_j`db k\yaZggu_ k jZkkfhlj_gb_f ^_eZ
]hk ihrebgZ ba^_s_gb_ ms_j[Z

<haf_s_gb_ km^_[guo jZkoh^h\ ijhbkoh^bl aZ kq_l
hl_lqbdZ
\ub]jZ\r_c klhjhgu
ijhb]jZ\r_c klhjhgu

Km^_[gu_ rljZnu gZeh`_ggu_ gZ ^he`ghklguo ebp \auko
ba bo ebqguo kj_^kl\
ba khhl_lkl\mxsbo [x^`_lh\
3 ba nhg^h\ hj]ZgbaZpbc

Kjhd ^ey ih^Zqb aZy\e_gby h i_j_kfhlj_ j_r_gby km^Z
kbem khklZ\ey_l
^g_c
^g_c
^g_c

Kjhd \ l_q_gb_ dhlhjh]h km^vy h[yaZg jZkkfhlj_lv \hi
aZy\e_gby ba\h^kl\m
^gy
^g_c
^g_c

AZy\e_gb_ h[h[_ki_q_gbb bkdZ jZkkfZljb\Z_lky
\ ^_gv _]h ihklmie_gby \ km^ [_a ba_s_gby hl_lqbdZ b
^_e_
\ ^_gv _]h ihklmie_gby \ km^ k ba_s_gb_ fmhZ_kl\mxsbo \
^_e_
gZ ke_^mxsbc ^_gv ihke_ _]h ihklmie_gby k ba_s_gb_
mqZkl\mxsbo \ ^_e_

< kh^_j`Zgb_ ij_^f_lZ gZmdb ]jZ`^Zgkdh]h ijhp_kkm
bkke_^h\Zgb_
m]he-hijgh_kkmZevgh]h ijZ\Z
]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z Jhkkbb j_]mebjmxs_]h ^
h[s_c xjbk^bdpbb lZd b Zj[bljZ`guo km^h\
]jZ`^Zgkdh]h ijZ\Z

Hkgh\gZy nhjfZ aZsblu gZjmr_gguo beb hkihj_gguo]jZ`^Z
h[s_kl_ggZy
km^_[gZy
^bkpbiebgZjgZy

30 < dZdhf khklZ_ km^_c jZkkfZljb\Zxlky ^_eZ \ dZkkZpbhg
\ khklZ_ lj_o km^_c
h^gbf km^v_c
\ khklZ_ g_ f_g__ lj_o km^_c

< dZdhf khklZ_ km^_c jZkkfZljb\Zxlky ^_eZ \ ihjy^d_ km^
\ khklZ_ g_ f_g__ lj_o km^_c
\khklZ_ iylb km^_c
\ khklZ_ r_klb km^_c

AZdjulh_ km^_[gh_ jZa[bjZl_evkl\h h[yaZl_evgh \ kemqZy
dh]^Z g_h[oh^bfh h[_ki_qblv lZcgm mkugh\e_gby m^hq_j_
dh]^Z g_h[oh^bfh ij_^hl\jZlblv jZa]eZr_gb_ k_^_gbc h[b
mqZkl\mxsbo \ ^_e_ ebp
dh]^Z hldjulh_ aZk_^Zgb_ ijhlb\hj_qbl bgl_j_kZf hojZgu]h

AZdjulh_ km^_[gh_ aZk_^Zgb_ ^himkdZ_lky ih hij_^_e_gb
ijb gZebqbb m]jhau ebqghc [_ahiZkghklb h^ghc ba klhjhg
ih `Zeh[Zf gZ g_ijZ\bokvlhuy ^he`ghklguo ebp
\ p_eyo ij_^hl\jZs_gby jZa]eZr_gby k_^_gbc h[bglb
mqZkl\mxsbo \ ^_e_ ebp

=jZ`^Zgkdb_ ijhp_kkmZevgwl_hhlghr_gby
mj_]mebjh\Zggu_]jZ`^Zgkdbf ijhp_kkmZevguf aZdhgh^Z
hlghrgby k\yab \hagbdZxsb_ \ kn_j_]jZ`^Zgkdh]h km^hijh
km^_[guf ijbkbZ\hegbl_e_f k h^ghc klhjhgu b mqZklgbc
bkihegbl_evgh]h ijhba\h^kl\Z k ^jm]hc
mj_]mebjh\ZggZy aZdhghf ijhp_^mjZ-jZa]hr]hgkyhjZ`^Zgkd
mj_]mebjh\Zggu_ aZdhghf h[s_kl_ggu_ hlghr_gby k\yab

D kh^_j`Zgbx ijhp_kkmZevguo hlghr_gbc \ l_hjbb ]jZ`^Zgl
ijZ\Z b h[yaZgghklb mqZklgbdh\ ijhp_kkZ
ijZ\Z mqZklgbdh\ ijhp_kkZ
h[yaZggmqZklgbdh\ ijhp_kkZ
=eZ\gh_ hkgh\gh_ ijZ\hhlghr_gb_ \hagbdZ_l f_`^m
km^hf b lj_lvbfb ebpZfb
km^hf kh klhjhgZfb \ bkdh\hf ijhba\h^kl_ b ijhba\h^kl_ i
Z^fbgbkljZ-hjZ\huo hlghr_gbc k aZy\bl_eyfb klhkh[km^ijhgua
ijbklZ\hfk¤ihegbl_e_f k \aukdZl_e_f b ^he`gbdhf

klhjhgZfb b wdki_jlhf km^hf b ijhdmjhjhf ^Zxsbf aZdexq
ebpZfb b k\b^_l_eyfb

>hihegbl_evgh_ ijZ\hhlghr_gb_ \hagbdZ_l f_`^m
km^hf b h[s_kl_gghc_hj]Zgha[mZ^hbr_c ^_eh \ aZsblm ijZ\
^jm]bo ebp
ijhdmjhjhf b wdki_jlhf
km^hf b lj_lvbfb ebpZfb

MdZ`bl_ gZ mqZklgbdZ ijhp_kkZ \oh^ys_]h \ khklZ\ ebp
i_j_\h^qbd
lj_lv_ ebph [_a kZfhklhyl_je_[hu\Zgbkcdh\uo
ojZgbl_eb bfms_kl\Z ijb ijbgm^bl_evghf bkiheg_gbb km^_[

D ijZ\Zf ebp mqZkl\mxsbo \ ^_e_ hlghkylky
y\eylvky ih \uah\Zf km^Z
ij_^klZ\eylv bklj_[m_fu_ km^hf ^hdmf_glu
\hajZ`Zlv ijhlb\ oh^ZlZckl\ ^hgbch\jhm]hohejZp_ mqZkl\mxsb

Ih h[s_fm ijZ\bem ihegZy]jZ`^ZgkdZy ijhp_kk
gZklmiZ_l k
\hk_fgZ^pZlb e_l
r_klb e_l
q_lujgZ^pZlb e_l

DZdZy klhjhgZ mdZau\Z_l p_gm bkdZ
ijhdmjhj
bkl_p
km^vy

42. BgbpbZlb\ghklv km^Z \ jZaj_r_gbb j_]j_kkgh]h bkdZ y\
ijbgpbiZ
jZ_gkl\Z]jZ`^Zg i_j_^ aZdhghf
khklyaZl_evghklb
^bkihablb\ghklb

GZah\bl_ nhjfu mqZklby ijhdmjhjZ \ ]jZ`^Zgkdhf km^hijhb
\ha[m`^_gb_ ijZ\hhlghr_gb_ ]jZ`^Zgkdhfm ^_em
hdZaZgb_ ijZ\h\hc ihfhsb bklpm
hdZaZgb_ ijZ\h\hc ihfhsb hl_lqbdm

Ih^ZqZ \ km^ aZy\e_gby \ aZsblm bgl_j_kh\ g_^__kihkh[g
g_aZ\bkbfh hl ijhkv[beb oh^ZlZckl\ aZbgl_j_kh\Zgguo ebp
lhevdhgZjebqbb ijhkv[u g_^__kihkh[gh]h ebpZ
lhevdh ih mdZaZgbx ijhdmjhjZ

DZdbf ijZ\hf g_ h[eZ^Zxl]hkm^Zjkl_ggu_ hj]Zgu \ hlebqb
baf_gblv ij_^f_l bkdZ
aZdexqblv fbjh\h_ kh]eZr_gb_
m_ebqblv jZaf_j bkdh\uo lj_[h\Zgbc

AZdhgg^klZ]bl_evkl\h g_ fh`_l hkms_kl\eylvky \ hlghr_gbl

fZehe_lgbo
^mr_\gh[hevguo
kh_jr_gghe_lgbo ^__kihkh[guo ebp

< kemqZ_ _keb h[gZjm`_gu jZagh]eZkby f_`^m =ID b f_
JN ijbf_gyxlky
Dhgklblmpby JN
=ID b n_^_jZaZdhgu JN
F_`^mgZjh^gu_ ^h]h\hjZ

< dZdhf kemqZ_]jZ`^Zgbg ebrZ_lky ijZ\Z gZ h[jZs_gb_ \
\ kemqZ_ _keb]jZ`^Zgbg ^he]h_ \j_fy g_ ijh`b\Z_l gZ l_jj
ebr_gb_ ijZ\Z gZ h[jZs_gb_ \ km^ g_^_ckl\bl_evgh
?keb hg bf__l g_ihZ^bfhkvx k

=jZ`^Zgkdh_ ^_eh fh`_l [ulv \ha[m`^_gh ih aZy\e_gbx
ebpZ h[jZlb\r_]hky aZ aZsblhc k\hbo gZjmr_gguo ij
aZbgl_j_kh\Zgguo ebp
lhevdh ebpZ qvb ijZ\Z b aZdhggu_ bgl_j_ku [ueb g
ijhlb\hijZ\g^uockl\bc
ij_^klZ\bl_e_c]hkm^Zjkl_gguo hj]Zgh\ ijba\Zgguo aZsb
]jZ`^Zg b xjb^bq_kdbo ebp

=jZ`^Zgkdh_ ^_eh \ km^_ i_j\hc bgklZgpbb fh`_l jZkkfZljb
lhevdh km^v_c _^bghebqgh
km^v_c _^bghebqgh eb[h dhee_]bZevgh
3) km^v_c _^bghebqgh k ihfhsvx ijbky`guo aZk_^Zl_e_c

=jZ`^Zgkdh_ km^hijhba\h^kl\h _^_lky gZ
lhevdh gZ jmkkdhf yaud_ \ khhl_lkl\bb k n_^_jZevguf aZ
jmkkdhf Z lZd `_ yaudZo j_kim[ebd \ dhlhjuo ijhba\h^blk
lhevdh gZ yaudZo j_kim[ebd \oh^ysbo \ khklZ\ KG=

Km^u i_j\hc bgklZgpbb ijbgbfZxl j_r_gby \ nhjf_
ijbdZah\ j_r_gbc hij_^_e_gbc
hij_^_e_gbc ihklZgh\e_gbc ih^aZdhgguo Zdlh\
jZkihjy`_gbc hij_^_e_gbc ihklZgh\e_gbc

=jZ`^Zgkdb_ ^_ehZ\ZjZshkfZl fbjh\uf km^v_c
^_eZ h jZklhj`_gbb [jZdZ \ kemqZ_ hlkmlkl\by kihjZ h ^_l
^_eZ h jZa^_e_ bfms_kl\Z k kmffhc bkdZ \ur_ FJHL
^_eZ h ijbagZgbb [_a_klgh hlkmlkl\mxsbf beb mf_jrbf

Bkd ij_^ty\ey_lky \ km^
ih f_klm `bl_evkl\ZdZ beb f_klm gZoh`^_gby hj]ZgbaZpbb
ih f_klm `bl_evkl\Z bklpZ beb f_klm gZoh`^_gby _]h bfms_
ih f_klm j_]bkljZpbb bklpZ beb _]h nZdlbq_kdh]h f_klZ ij_

Bkd d g_kdhevdbf hl_lqbdZf gZoh^ysbfky \ jZaguih f_kl
f_klm ijh`b\Zgby hl_lqbdh\
ih \u[hjm bklpZ
ih oh^ZlZckl\m hl_lqbdZ

ih j_r_gbx ijhdmjZlmju

Klhjhgu fh]ml ih kh]eZr_gbx f_`^m kh[hc baf_gblv l_jjblh
\ fhf_gl
\ fhf_gl \ug_k_gby km^hf j_r_gby ih\Zmsh]kl\m_ejZkkfZljb
ihke_ \klmie_gby \ aZdhggmx kbem j_r_gby km^Z
^h fhf_glZ ijbgylby ^_eZ d ijhba\h^kl\m

Dlh \ijZ_ baf_gblv hkgh\Zgb_ b ij_^f_l bkdZ"
km^ Z^\hdZl
bkl_p hl_lqbd
bkl_p

B-kwdlh
wlh h[jZs_gb_ bklpZ d km^jZkkfhjhkgphc b jZaj_r_gbb fZl_
ijZ\h\h]h kihjZ k hl_lqbdhf
wlh h[jZs_gb_ hl_lqbdZ d km^m k ijhkv[hc h jZkkf
fZl_jbZevgh]h ijZ\h\h]h kihjZ k bklphf
wlh h[_ki_q_gb_]hkm^Zjkl\hf b aZdj_iey_fZy aZkdghf
aZbgl_j_kh\Zggh]h ebpZ h[jZlblvky d km^m ^ey jZkkfhlj_gby

Qlh hagZqZ_l ©baf_g_gb_ ij_^f_lZ bkdZª"
baf_g_gb_ h[klhyl_evkl\ gZ dhlhjuo bkl_p hkgh\u\Z_l k\h_
baf_g_gb_ fZl_jbZevgh ijZ\h\h]h lj_[h\Zgby bklpZ d hl\
baf_g_gb_ h[klhyl_evkl\ \ebyxsbo gZ j_r_gb_ km^Z

=jZ`^Zg_ \ijZ_ _klb k\hb ^_eZ \ km^_
lhevdh ebqgh
ebqgh beb q_j_a ij_^klZ\bl_e_c
lhevdh q_j_a ij_^klZ\bl_e_c

lh^km^-gwkhlv
wlh bgklblml =ll hij_^_eyxsbc ih^lg_^khffkhlklvggh]h km
xjb^bq_kdh]h ^_eZ d _^_gbx hij_^_e_ggh]h km^Z
wlh bgklblml =ll hlghkysbc jZaj_r_gb_ dhgdj_lgh]h kih
xjb^bq_kdh]h ^_eZ d dhfi_l_gpbb hij_^_e_ggh]h]hkm^Zjkl_
km^_[gh]h hj]ZgZ
wlhkbgml =l hij_^_eyxsbc hlghkbfhklv ih^_^hfkl_ggh]h k
^_eZ d _^_gbx km^Z

Qlh hagZqZ_l ©baf_g_gb_ hkgh\Zgby bkdZª"
baf_g_gb_ fZl_jbZevgh ijZ\h\h]h lj_[h\Zgby bklpZ d hl_lq
baf_g_gb_ h[klhyl_evkl\ gZ dhlhjuo bkl_p hkgh\u\Z_l k\h_
baf_g_gb_ h[klhyl_evkl\ dhlhju_ \ebyxl gZ j_r_gb_ km^Z

ljhp_kkmZevg-uwlhkjhdb
i_jbh^ \j_f_gb \ l_q_gbb dhlhjh]h klhjhgu mqZkl\mxsb_
hij_^_e_ggh_ ijhp_kkmZevgh_ ^_ckl\b_
f_kyp \ lbqdhglhjh]h klhjhgu mqZkl\mxsb_ \ ^_e_ fh]ml kh_
ijhp_kkmZevgh_ ^_ckl\b_
i_jbh^ \j_f_gb bkqbkey_fuc f_kypZfb \ l_q_gbb dhlhjh]h
mqZkl\mxsb_ \ ^_e_ fh]ml kh_jrZlv hij_^_e_ggu_ ijhp_kkmZ

Dlhjl_ hldZaZlvky hl ^Zqb k\b^_l_evkdbo ihdZaZgbc
Mihegh fhq_gguc ih ijZ\Zf q_eh_dZ
khkem`b\pu bklpZ beb hl_lqbdZ
wdki_jl

< dZdhc kjhd ^he`gh [ulv \uiheg_gh hij_^_e_gb_ km^Z h
\ l_q_gb_ ^g_c
\ l_q_gb_ f_kyypZ]khih^emq_gby
\ l_q_gb_ g_^_eb

< dZdbo kemqZyo h^gZ ba klhjhg hk\h[h`^Z_l ^jm]mx hl
^hdZau\Zgb_ h[klhyl_evkl\
\ kemqZ_ g_hkihjbfuo h[klhyl_evkl\
\ kemqZ_ fheqZgby
\ kemqZ_ ijbagZgb_ klhjhghcdhlhjuyl_emkZy gZklhjhgZ hk
k\hb lj_[h\Zgby beb \hajZ`_gby

< dZdbo kemqZyo km^ g_ ijbgbfZ_l ijbagZgb_ klhjhghc h
ijbagZgb_ kh_jr_gh ih^ \ebygb_f h[fZgZ \ dhjuklguo p_ey
ijbagZgb_ kh_jr_gh ba omeghZgkdZoj_h[mh`__gb_
ijbagZgb_ kh_jr_gh \ p_eyo khdjulby ^_ckl\bl_evguo h[l
\ebygb_f h[fZgZ gZkbeby m]jhau ^h[jhkh_klgh]h aZ[em`^_

K\b^_l_ev bf__l ijZ\h
mdehgylvky hl y\db ih \uah\Zf \ km^
hldZaZlvky kh_jr_gh \ ijhlb\ k_[y kZfh]h
^Z\Zlv aZ_^hfh eh`gu_ ihdZaZgby

Dlh g_ ih^e_`bl ^hijhkm \ dZq_kl_ k\b^_l_ey
k\ys_gghkem`bl_eb h[h[klhyl_evkl\Zo dhlhju_ klZeb bf k
[ebadb_ jh^kl_ggbdb
^_imlZlu

Dh]^Z ij_^klZ\e_gu dhibb ^hdmf_glh\ jZaebqgu_ ih k\h_fm
dh]^Z ^_eh g_\hafh`gh j_rblv [_a ih^ebgguo ^hdmf_glh\
dh]^Z ij_^klZ\e_gu dhibb ^hdmf_glh\ jZaebqgu_ ih k\h_fm
dh]^Z h[klhyl_evkl\Z ^_eZ ih^e_`Zl ih^l\_j`^_gbx lhevdh
dh]^Z ij_^klZ\e_gu dhibb ^hdmf_glZ jZaebqgu_ ih k\h_fm kh^_j

DZdb_ ibkvf_ggu_ ^hdmf_glu y\eyxlky jZkihjy^bl_evgufb
ijbdZau jZkihjy`_gby oh^ZlZckl\h
j_r_gby ijb]h\hj ihklZgh\e_gby
ijbdZau jZkihjy`_gby ihklZgh\e_gby j_r_gby

Qlhgbà_ i_j_qbke_ggh]h g_ y\ey_lky ^hdZaZl_evkl\hf
ibkvf_ggu_ ^hdZaZl_evkl\Z
^h]Z^db
ihdZaZgb_ k\b^_l_e_c

Dhfie_dkgZy wdki_jlbaZ gZagZqZ_lky
k bkihevah\Zgb_f jZaebqguo gZmqguo gZijZ\e_gbc \ ij_^_

:gZebl²bdwZh ijhp_kk ijh_jdb hqbkldb ij_h[jZah\Zgby b fh
p_ev\xuy\e_gby ihe_aghc bgnhjfZpbb b __ h[jZ[hldb
:gZebl²bdwZh gZoh`^_gb_ gm`ghc bgnhjfZpbb
:gZebl²bdwZh \bamZebaZpby ^Zgguo q_j_a hlq_lu ^bZ]jZffu

82 <u[_jbl_ h^bg ba ijbg-pdbghjZkdfZZjl
>h_jb_
Hlkmlkl\b_ Z\lhfZlbaZpbb
3. NmgdpbhgẐevgẐy]b[dhklv
lhkj_^gbq_kl\h

83 Qlh lZdh_ djbilh]jZnby
ljhp_kku f_lh^u ihbkdZ k[hjZ ojZg_gby h[jZ[hldb ij_^h
jZkijhkljZg_gby bgnhjfZpbb b kihkh[u hkms_kl\e_gby lZdbo i
JZa^_e bgnhjfZlbdb b[æm_qu Zxzsgbzce bja Z h[jZ[hldb b ij_^klZ\e
^Zgguo \ pbnjh\hc nhjf_
ljhp_kk bgl_]jZpbb pbnjh\uo l_ogheh]bc^\hyl\ke_vgZkk_dlu [ba
GZmdZ h aZsbl_ ^Zgguo

84 DZdb_ wlZiu pbnjh\hc aj_ehklb ijhoh^bl]hkm^Zjkl\h"
we_dljhggh_ ^bklZg_pdbghgeh]bqgh_ hldjulh_ mfgh_
we_dljhggh_ hldjulh_ ^ZlZp_gljbqgh_ iheghklvx
we_dljhggh_ hldjulh_ ^ZlZp_gljbqgh_ iheghklvx
we_dljhggh_ bg^mkljbZevgh_ ^hZlZp_gljbqgh_ pb

Djbl_jbbhp_gbZgbyl_klhhhaZZgby
G_m^h\e_l\hjbdg_eavZgdh±^dh [Zeeh\ aZ l_kl
M^h\e_l\hjbl_aeZvgdh±^dh ^h [Zeeh\ aZ l_kl
Ohjhh aZqh±hgl ^h [Zeeh\ aZ l_kl
Hlebqgah±qgdhe__ [Zeeh\ aZ l_kl

.

1. Nhjfu b kihkh[u aZsblu ijZ\ b aZdhgguo bgl_j_kh\ A
km^hijhba\h^kl\Z
2. lhgylb_]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z lj_^f_l f_
]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z
3. <b^u ijhba\h^kl\ \ ]jZ`^Zgkdhf ijhp_kk_ KlZ^bb ]jZ`^Zgkd
4. Bklhqgbdb jhkkbckdh]h]jZ`^Zgkdh]h ijhp_kkmZevgh]h i
Dhgkmevl[Zgl K =ZjZgl ^ey ihbkdZ GI: b ijZ\hijbf_gbl_evg
5. Dhfi_l_gpby km^h\ h[s_c xjbk^bdpbb
6. lh^km^ghklv]jZ`^Zgkdbo ^_e __ \b^u
7. Hkgh\Zgby b ihjy^hd i_j_^Zqb ^_eZ \ ^jm]hc km^
8. lhgylb_ ijbgpbih\ ]jZ`^Zgkdh]h ijhp_kkmZevgh]h ijZ\Z b b
9. ljbgpbaiZdhgghklb \ ]jZ`^Zgkdhf ijhp_kk_ ljbgpbi khklyaZ
^bkihablb\ghklb
10. Km[t_dlu]jZ`^Zgkdbo ijhp_kkmZevguo hlghr_gbc b bo deZ
11. lhgylb_ klhjhg ljhp_kkmZevgu_ ijZ\Z b h[yaZgghk
g_gZ^e_`Zs_]h hl_lqbdZ
12. Lj_lvb e\bpjZ`^Zgkdhf ijhp_kk_
13. ljhp_kkmZevgh_ khmqZklb_ ljhp_kkmZevgh_ ijZ\hij__fkl\

53. Ijbagzgb_]jZ`^ZgbgZ g_^__kihkh[guf b h]jZgbq_ggh ^__
beb ebr_gb_ g_kh_jr_gghe_lg_]h \ \hZajZkhb\hk_qf_glZ^gpZ^hp
ijZ\Z kZfhklhyl_evgh jZkihjy`Zlvky k\hbfb ^hoh^Zfb
54. Ijbagzgb_]jZ`^ZgbgZ [_a_klgh hlkmlkl\mxsbf b h[ty
mf_jrbf
55. Ijbagzgb_ bfms_kl\Z [_kohaycguf
56. MklZgh\e_gb_ g_ijZ\bevghklb aZibk_c Zdlh\ ]jZ`^Zgkdh]h
57. Ijhba\h^kl\h ih `Zeh[Zf gZ ghlZjbZevgu_ ^_ckl\by beb gZ
58. <hkklZgh\bl_evgh_ ijhba\h^kl\h
59. :i_eeypbhggh_ ijhba\h^kl\h
60. Ijhba\h^kl\h \ dZkkZpbhgghf km^_ h[s_c xjbk^bdpbb
61. DZkkZpbhggh_ ijhba\h^kl\h \ dhee_]bb <_joh\gh]h Km^Z
62. Ijhba\h^kl\h \ gZ^ahjghc bgklZgpbb
63. Hkgh\Zgby b ihjy^hd i_j_kfhljZ j_r_gbc ih \gh\v hldju
h[klhyl_evkl\Zf
64. Ijhba\h^kl\h ih ^_eZf k mqZklb_f bghkljZgguo ebp h[sb_
^_e km^Zf \ Jhkkbckdhc N_^_jZpbb
65. Ijbagzgb_ b bkihegbl_evgh]h bghkljZgguo km^h\ b bghkljZgg
km^h\ Zj[bljZ`_c
66. Ijhba\h^kl\h ih ^_eZf k mqZklb_f bghkljZggh]h]hkm^Zjkl\
67. Ijhba\h^kl\h ih ^_eZf h[hkiZjb\Zgbb j_r_gbc lj_l_ckdbo k
68. Ijhba\h^kl\h ih ^_eZf h \u^Zq_ bkihegbl_evguo evgbkh\
bkiheg_gb_ j_r_gbc lj_l_ckdbo km^h\
69. Ijhba\h^kl\h ih ^_eZf k\yaZgguf k \uiheg_gb_f nmgdpbb
lj_l_ckdbo km^h\
70. F_klh bkihegbl_evgh]h ijhba\h^kl\Z \ kbkl_f_]jZ`^Zgk
ijZ\Z
71. KlZ^bb bkihegbl_evgh]h. ijhba\h^kl\Z
72. Hkgh\Zgby bkiheg_gby Bkihegbl_evgu_ ^hdmf_glu \u^Z\
73. Kjhdb ij_^ty\e_gby bkihegbl_evguo ^hdmf_glh\ \u^Z
bkiheg_gbx l_j_ju\ b \hkklZgh\e_gb_ ijhims_ggh]h kjhdZ
74. Hlkjhqdz b jZkkjhqdZ bkiheg_gby baf_g_gbb_kihegbyb
Bg^_dkZpby ijbkm`^_gguo ^_g_`guo kmff
75. AZsblZ ijZ\ \aukdZl_ey ^he`gbdZ b ^jm]bo ebp \ bkihegb
76. <ebygb_ bgnhjfZpbhgguo l_ogheh]bc gZ km^_[gmx hj]
^_yl_evghklv

AZZZqZijbf_j

Ijhdmjhj J_kim[ebdb Dhfb h[jZlbeky \ km^ k aZy\e_gb_f h ij
n_^_jZevghfm aZdhgh^Zl_evkl\m g_^_ckl\mxsbf b g_ ih^e_
J_kim[ebdb Dhfb hl fZy -JA]©H‹ i_j_^Zq_ hj]ZgZf f_
kZfhmijZ\e_gby]hkmdZjkliheghfhqbc ih kh_jr_gbx ghl
^_ckl\bcª h[hkgh\Zgb_ ih^Zggh]h bf aZy\e_gby ijhdmjhj md
gZ^_e_gu iheghfhqbyfb ih j_]mebjh\Zgbx ijZ\hhlghr_gbc \ k
AZdhg g_ fh] [ulv ijbgyl km[t_dlhfhgJN\uihkdheavZdmij_^_eu
iheghfhqbc <_joh\guc Km^ J_kim[ebdb Dhfb m^h\e_l\hjbe
mdZaZ\ qlh ihkdhevdm ij_^f_lhf ijZ\h\h]h j_]mebjh\Zgby
y\eyxlky]jZ`^ZgZkdhu_ hlghr_gby \ ^Zgghfhkemmqhkhy_j_g
aZ_sZgbkc =ND Jm^hklh_j_gb_ ^h-\kJ_gghkD JN ijbgylb_
d hjZg_ gZke_^kl_ggh]h kbfms_kl\Z =D JN b ke_^h\Zl_evgh
fh] h[jZlblvky \ km^ k ^Zgguf aZy\e_gb_f H^gZdh =hkm^Zjk
Dhfb ijbg_k dZkkZpbhggmx `Zeh[m gZ j_r_gb_ km^Z mdZaZ
ghjf fZl_jbZevgh]h ijZ\Z kqblZy qlh ijhdmjhj g_ fh] \ha[m^

Djbl_j bb \uklZe_gby hp_gdb gZwdaZf_g_

Оценка 10/ "Отлично" \uklZ\ey_lky klm^_glm dhlhjuc ^_fhgkljbjm_l ijb \uiheg_gbb aZ^Zgbc kbkl_fZlbabjh\Zggu_]em[hdb_ agZgby ihjlnhebh \uiheg_gu \ iheghf h[t_f_ gZ ^hklZlhqghf dZq_kl_gghf khhl_lkl\mxl \k_f lj_[h\Zgbyf d]jZnbq_kdbf jZ[hlZf

Оценка 9/"Отлично" \uklZ\ey_lky klm^_glm dhlhjuc ^_fhgkljbjm_l ijb \uiheg_gbb aZ^Zgbc kbkl_fZlbabjh\Zggu_]em[hdb_ agZgby ihjlnhebh \uiheg_gu \ iheghf h[t_f_ gZ \ukhdhf dZq_kl_gghf khhl_lkl\mxl \k_f lj_[h\Zgbyf d]jZnbq_kdbf jZ[hlZf

Оценка 8/"Отлично" \uklZ\ey_lky klm^_glm ^_fhgkljbjm_l ijb \uiheg_gbb aZ^Zgbc kbkl_fZlbabjh\Zggu_]em[hdb_ agZgby ihjlnhebh \uiheg_gu \ iheghf h[t_f_ gZ \ukhdhf dZq_kl_gghf khhl_lkl\mxl \k_f lj_[h\Zgbyf d]jZnbq_kdbf jZ[hlZf

Оценка 7/"Хорошо" \uklZ\ey_lky klm^_glm ^_fhgkljbjm_l ijb \uiheg_gbb aZ^Zgbc kbkl_fZlbabjh\Zggu_]em[hdb_ agZgby ihjlnhebh \uiheg_gu \ iheghf h[t_f_ gZ \ukhdhf dZq_kl_gghf khhl_lkl\mxl \k_f lj_[h\Zgbyf d]jZnbq_kdbf jZ[hlZf

]jZfhglh_ eh]bq_kdb ijZ\bevgh_ baeh`_gb_ hl_lZ gZ \hi
h[hkgh\Zggu_ \u\h^u b h[h[s_gby \eZ^_gb_ bgkljmf_glZjb_
mf_gb_ _]h bkihevah\Zlv \ ihklZgh\d_ b j_r_gbb gZmqguo
h[eZ^Z_l kihkh[ghklvgxh kj\hrZhl^v lbihaZu^Zqb jZfdZo mq_[gh
^bkpbiebgu ^_fhgkljbjm_l mk\h_gb_ kh^_j`Zgby hkgh\g
ebl_jZlmju j_dhf_g^h\Zgghc jZ[hq_c ijh]jZffhc ^bkpbiel
mf_gb_ hjb_glbjh\Zlvky \ hkgh\guo l_hjbyo dhgp_ipbyo b g
^bkpbiebg_ b ^Z\Zlv bf ZgZeblbq_kdmx hp_gdm ijhy\ey_l
eZ[hjZlhjguo aZgylbyo mqZklb_ \ ]jmiih\uo h[km`^_gbyo
dmevlmju bkiheg_gby aZ^Zgbc aZ^Zgby ihjlnhebh \uiheg_
ohjhr_fZq_kl_gghf mjh\g_khhl_lkl\bc lj_[h\Zgbyf d]jZ
jZ[hlZf

Оценка 6/"Хорошо" \uklZ\ey_lky klm^_glm ^_fhgkljbjm_l ijb
\uiheg_gbb aZ^Zgbc ^hklZlhqgh ihegu_ b kbkl_fZlbabjh\Z
mq_[ghc ^bkpbiebgu ^_fhgkljbjm_l mf_gb_ hjb_glbjh\Zlvky
eh]bq_kdb ijZ\bevgh_ baeh`_gb_ hl_lZ gZ \hijhku mf_gb
h[hkgh\Zggu_ \u\h^u \eZ^_gb_ bgkljmf_glZjb_f mq_[ghc ^
bkihevah\Zlv \ j_r_gbb gZmqguo b ijhn_kZ^ZZevkguohagZh^kZ
j_rZlv lbih\uZ^Zqbjzfdzo mq_[ghc ^bkpbiebgu ^_fhgkljbj
kh^_j`Zgby hkgh\ghc b ^hihegbl_evghc ebl_jZlmju j_dl
ijh]jZffhc ^bkpbiebgu ^_fhgkljbjm_l mf_gb_ hjb_glbjh\Zlvk
dhgp_ipbyo b gZijZ\e_gbyo ih bamqZ_fhc ^bkpbiebg_ b ^Z\
hp_gdm ijhy\ey_l kZfhklhyl_evgmx jZ[hlm gZ eZ[hjZlhjguo
mqZklb_ \ ]jmiih\uo h[km`^_gbyo ^hklZlhqguc mjh_gv dme
aZ^Zgby ihjlnhebh \uiheg_gu g_khhl_lkl\bc lj_[h\Zgbyf d]jZnbq_kdbf jZ[
bf_xl g_agZqbl_evgu_ g_khhl_lkl\bc lj_[h\Zgbyf d]jZnbq_kdbf jZ[

Оценка 5/"Удовлетворительно" \uklZ\ey_lky klm^_glm ^_fhgkljbjm_l
ijb \uiheg_gbb aZ^Zgbc ^hklZlhqgu__ amqZ_gbyhc\ ^bkpbieb
fbgbfZevgh_ bkihevah\Zgb_ g_h[oh^bfhc gZmqghc l_jfl
]jZfhlgh_ baeh`_gb_ hl_lZ gZ \hijhku gh k gZjmr
ihke_^h\Zl_evghklb mf_gb_ ^_eZlv \u\h^u k ^hims_gb_f g
g_^hklZlhqgh_ b_\eZb^gkljmf_glZjb_f mq_[ghc ^bkpbiebgu
bkihevah\Zlv lhevdh \ j_r_gbb klZg^Zjlguomf_gbbih\uo rZavZ
klZg^Zjlgu_ lbih\u_ aZ^Zqb ^himklbfuc mjh_gv dmevlmju
kZfhklhyl_evgihklbjmdh\h^kl\hf ij_ih^Z\Zl_jby^m_^fmgkh_gb
kh^_j`Zgby hkgh\ghc ebl_jZlmju j_dhf_g^h\Zgghc jZ[hq_c
mf_gb_ hjb_glbjh\Zlvky \ hkgh\guo l_hjbyo dhgp_ipbyo b g
^bkpbiebg_ b ^Z\Zlv bf hp_gdm mf_gb_ ih^ jmdh\h^kl\h
klZg^Zjlgu_ lbih\u_ aZ^Zqb ^himklbfuc mjh_gv dmevlmju
aZ^Zgby ihjlnhebh \uiheg_gu g_ihfeghfy^h[ih_fj_rghkl_c b
g_khhl_lkl\bc lj_[h\Zgbyf d]jZnbq_kdbf jZ[hlZf g_^hklZlhq
j_r_gbx ihklZ\e_gguo aZ^Zq

Оценка 4/"Удовлетворительно" \uklZ\ey_lky klm^_glm ^_fhgkljbjm_l
ijb \uiheg_gbb aZ^Zgbc ^hklZlhqgu_jZhfdZo amqZ_gbyhc ^bkpbi
gZmqgZy l_jfbgheh]by bkihevam_lky j_^dh ijb hl_l_ gZ
gZjmr_gb_ eh]bq_kdb\Zl_ihkeh^lb \eZ^_gb_ bgkljmf_glZjl
^bkpbiebgu lhevdh ijb j_r_gbb klZg^Zjlguo lbih\uo
eZ[hjZlhjguo aZgylbyo \uiheg_y_l lhevdh ih^ jmdh\h^kl\hf
mjh_gv dmevlmju bkiheg_gby aZ^Zgbc ijhy\ey_lky eZ[hjZlhjguko\
aZgylbyo aZ^Zgby ihjlnhebh \uiheg_gu f_xljy^heihjf_rghkl_c
g_khhl_lkl\bc lj_[h\Zgbyf d]jZnbq_kdbf jZ[hlZf g_^hklZlhq
j_r_gbx ihklZ\e_gguo aZ^Zq

534-11050-0. ² L_dkl we_dljhgguc H[jZah\Zl_evgZy ie²Zlnhjf
URL: https://urait.ru/bcode/444376
4. >hdZau\Zgb_ \ ]jZ`^Zgkdhfmijh[jZhkkbq_kdh_
ihkh[b_ ^ey \mBahJ_r_lgbdh\Z-_ ba^ i_j_jZ[² bFh^khd\Z
Ba^Zl_evkl\h XjZe²l388 k² <ukr__ h[jZah\ZgbISBN 978-5-534-11601-
4. ² L_dkl we_dljhgguc H[jZah\Zl_evgZy ieZ²nhjfZ
URL: https://urait.ru/bcode/445701
5 - F_`^mgZjh^guc ]jZ`^Zgkdbc mijh[pgkd ^e
[ZdZeZ\jbZlZ blfZjubkdiZ=_lvf-Zg\eh\Z K:DZkZldbgZ NbEeZlh\Z
ih^ h[s_c j_^Zdsb=_dvB-Zg\eh\h²c Fhkd\ZBa^Zl_evkl\h XjZ²cl
271 k² <ukr__ h[jZah\ZgbISBN 978-5-534-04730-1. ² L_dkl we_dljhggu
H[jZah\Zl_evgZy ieZlnhjfZ²XUR@: https://urait.ru/bcode/437384
6. BgnhjfZpbhggh_ ijZdlh[gbd b ijZdlbdmf/ ^ey
BF JZkkhe²h6-_ ba^ i_j_jZ[² bFh^khd\ZBa^Zl_evkjZ\cl ²
415 k² <ukr__ h[jZah\ZgbISBN 978-5-534-14327-0. ² L_dkl we_dljhggu
H[jZah\Zl_evgZy ieZlnhjfZ²XUR@: https://urait.ru/bcode/488767
7. BgnhjfZpbhggu_fukhkij_\e_gby ijhba\h^kl_gghcmdh[ZgdbZ
ijZdlbdmf ^ey \mh^hj_^Zdpb_G_Ecu@dbg²hcFhkd\ZBa^Zl_evkl\h XjZ
2022. ² 249 k² <ukr__ h[jZah\ZgbISBN 978-5-534-00764-0. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ²XjZcl@
URL: https://urait.ru/bcode/489408
8. Khpbheh]by pbnjh\mqZ[pgbd ^ey K\mDajhZ\\q_g²dh
Fhkd\ZBa^Zl_evkl\h XjZ²cl236 k² <ukr__ h[jZah\ZgbISBN 978-5-
534-14307-2. ² L_dkl we_dljhgguc H[jZah\Zl_evgZy ie²Zlnhjf
URL: https://urait.ru/bcode/496708
9. Bgl_ee_dlmZevgu_ kmqk[gbd bdmjZd^ey \mah\
B:;_kkf_jlguc; Gm]mfZgh\ZleZlhgh²\Fhkd\ZBa^Zl_evkl\h XjZ
2022. ² 243 k² <ukr__ h[jZah\ZgbISBN 978-5-534-01042-8. ² L_dkl
we_dljhgguc H[jZah\Zl_evgZy ieZlnhjfZ XjZcl
URL: https://urait.ru/bcode/490020

7.3 [illegible]

1. <_joh\guc Km^ Jhkkbckdh_ N_^_jZevguc ihjZe http://www.supcourt.ru
2. =:K IjZ\hkm^hb https://ej.sudrf.ru/
NKKI Jhkkbckdh_ https://fssp.gov.ru/mvv_fssp
4. Xjb^bq_kdZy Jhkkby N_^_jZevguc ihjZe http://www.lawmix.ru
5. Jhkkbckdh_ Z]_glkl\h ijZ\h\hc b km^_[ghcihZdlbdb http://www.infosud.ru/
6. GZmqgZy ebl_jZlmjZ ih xjb^bq_kdbf ^bkpbiebgZf RJOH :d
https://scholar.google.ru/
7. Ihbkd gZmqghc bgnhjfZpbb ^ey mq_guo ki_pbZebklh\
http://www.scholar.ru

W;K XjZpc/ http://urait.ru
2. JhkkbckdZy =hkm^Zjkl_gh[Zy bibl_dZ http://www.rsl.ru
3. GZmqgZy we_dljhggZy [ibxelbhary.ru
4. Hldjul Zy jmkkdZy we_dljhgZy [ibxelbhary.ru/index.shtml
5. Mgb_jkbl_lkdZy bgnhjfZpbhggZy kbkl_fZ ©Jhkkby
1. Ihgylb_ bklhqgbdb b ijbgpbiu]jZ`^Zgkdh]h ijhp_kkmZev
h[jZah\Zl_evgu²c dZ²cZue https://yandex.ru/

2. Ijhp_kkmZevgZy ^__kihkh[ghklv]jZ`^Zg b hj]ZgbaZpbc
https://youtu.be-9BK1M_FBPI
3. MqZklgbdb]jZ`^Zgkdh]h ijhp_kkZ lj_^klZ\bl_evkl\h o km^
² https://youtu.beikaL2Ba7O8A
4. KhklZ\ ebp mqZkl\mxsbo \ ^_e_ b bo ijhp_kkmZevgu_ ijZ
https://youtu.besbxGW0iy_sI
5. Ij_^ty\e_gb_ kh\f_kdZh]Dlhbkl Zdb_ khhl_lqbdb" <eZ^bfb
https://youtu.bevv7GuLPz10Y
6. Ijhp_kkmZevgu_ jZkihjy^bl_evgu_ ijZ\Z bklpZ b hl_lqb
² https://youtu.bejM_siP4GD8o
7. Lj_lvb aZbgl_j_kh\Zggu_ b ^jm]b_ ebpZ \ km^_[ghf ijhp_k
https://youtu.beZRdip4hPnZs
8. Ijhdmjhj \ ]jZ`^Zgkdbo b Z^fbgbkljZlb\guo ^_eZo² <e
https://youtu.beYGEavyfAzGA
9. AZq_f gm`_g Z^\hdZl b dZd _]h \u[bjZlv ² <eZ^
https://youtu.bepeexoopTeK8
10. DZd ih^l_j^blv ihegh fhqby ij_^klZ\ble_Ze^ybfbjkmd^Zq_gdk
https://youtu.bez5D0XUbkKmA
11. DZd ijZ\bevgh \u^Zlv ^h_j_gghklv <eZ²^bfbj
https://youtu.be2kDiOqpVjI4
12. Dhfm b aZq_f g_h[oh^bf ij_^kmZ^\bl_ev <eZ^bfbj ²LdZq_
https://youtu.bePg8EuQvzzXY
13. Dlh fh`_l Z dlh g_ fh`_l [ulv ij_^klZ\bl_e_f \ km^²_ <
https://youtu.beOnKEV3GMfCI
14. DZdb_ijZ\Z bf_xl ij_^klZ\bl_eb \ km^_ <eZ²^bfbj
https://youtu.beoU7jm96UBO8
15. DZdb_]jZ`^Zgkdb_ ^_eZ jZkkfZljb\Zxl km^u h[s_c xjbl
LdZq_gdh https://youtu.beaO4hVPbKNdw
16. >hdZau\Zgb_ b ^hdZaZl_evkl\Z \ ]jZ`^Zgkdhf ijhp_kk_
https://youtu.bezlIa8dh_jxE
17. DZd gZ^h ^hdZau\Zlv k\hx ijZ\hlm km^m ² <eZ^
https://youtu.beAocYhG2RSUY
18. H ^hdZaZl_evkl\Zo bf_xsbo agZq_gb_ ^ey ijZ\bevgh]h jZ
LdZq_gdh https://youtu.befMqHAz0oVj4
19. Qlh ^he`gu ^hdZau\Zlv klhjhgijhp_kk^_[gh<eZ^bfbj² LdZq
https://youtu.beQL5nBUJFBPM
20. H ijZ\beZo hp_gdb ^hdZaZl_evkl\ \ km^_[ghf ijhp_kk_
https://youtu.be_iroaTPJGcw
21. I_j_ibkdZ \ :KDWVDSS dZd km^_[gh_ ^hdZaZl_evkl\h K
dZ[bg_l < Dehih\²h https://youtu.be70S-peFjYk0
22. Khh[s_gb_ \ f_kk_g^`_j_ dZd ^hdZaZl_evkl\h \ km²^_
https://youtu.beZMd3VuZ7dRc
23. BKQ?JI:GB? IJ:<: G: H;J:S?GB? K BKDHF ² /H[V
https://youtu.beRyQUDsbqbtg
24. DZd ih^Z\Zlv \klj_qguc bkd <eZ^bf https://youtu.be/oLdZqRQBh9QDx8
25. Bkdh\Zy ^Z\ghklv b ijbgpbi ^h[jhkh_klgh-kEb_d>:lh^]p_mcf@?]h
Lextorium ² https://youtu.beQuVAhcV20m0
26. DZd ijhbkoh^bl jZa[bjZl_evkl\h ^_eZ \ km^_[ghf aZk²_^Zgb
https://youtu.berXokCl8FXf8
27. Ijbhklzgh\e_gb_ ijhba\h^kl\Z ih]jZ`^Zgkdhfm ^_em <
https://youtu.ber7Kt-FpDDys

28. J Z k k f h l j _ g b _ ^ _ e Z \ a Z d j u l h f k m ^ _ [g h f a Z k _ ^ Z g b ² _
https://youtu.beuiMBi2BFbAE
29. H k g h \ Z g b y ^ e y i j _ d j Z s _ g b y k m Z ^ h h i j j h Z b a Z h g ^ k d l h f m ^ _ e m
L d Z q _ g d h https://youtu.beYQ1r85vMk2o
30. B a f _ g _ g i h j y ^ h d m i j h s z g g h] h i j h b a \ h ^ k l \ Z] j Z ` ^ Z g k d b o ^ _
² https://youtu.beahtCIfp6jUI
31. B G N H = J : N B D : M i j h s _ g g h _ i j h b a \ h ^ k l \ h \ = I D J N ; e Z] h \
k m ² ^ https://youtu.beWF7j86tyJeQ
32. M i j h s z g g h _ i j h b a \ h ^ k l \ h] j Z ` ^ Z g k d b o ^ _ e < e Z ^ b f
https://youtu.beuHFpiWykysY
33. I h j y ^ h d m i j h s _ g g h] h j Z k k f h l j _ g b y] j Z ` ^ Z g k d b o ^ _ e ² <
https://youtu.bew9QiZQjiL3k
34. H [` Z e h \ Z g b _ j _ r _ g b c i j b g y l u o \ i h j y ^ d _ m i j h s _ g g h] h j
L d Z q _ g d h https://youtu.be-r-UlXQ2ixg
35. H k h [_ g g h k l b i j b g y l b y k m ^ h f j _ r _ g b y \ m i j h s z g g h f i j h b a
L d Z q _ g d h https://youtu.beWiAlJxCAAk4
36. D Z d b _ k l h [y l _ e v k l \ Z b f _ x l a g Z q _ g b _ ^ e y i j Z \ b e v g h] h j Z a j _
< e Z ^ b f b j L d Z ² q _ g d h https://youtu.beci7tcQECkLY
37. D h] ^ Z k m ^ k h k l Z \ e y _ l f h l b \ b j h \ Z g g h _ j _ r _ g b _ k m ² Z
https://youtu.beLcUBydfZdZ4
38. < d Z d b o k e m q Z y o \ h a f h ` g h h l k j h q b l v j Z k k j h q b l v b k i h e
< e Z ^ b f b j L d Z ² q _ g d h https://youtu.beOpLvoWB9Um8
39. I h k e _ ^ k l \ b y \ k l m i e _ g b y \ a Z d r h _ g g b m y x k k h ^ Z m j < e Z ^ b f ² b j L d Z
https://youtu.beMWcyPyfR16c
40. D Z d b _ ^ _ e Z j Z a j _ r Z _ l k m ^ \ i h j y ^ d _ h k h [h] h i j h b a \ ² h ^ k l \ Z
https://youtu.beIsAxyktHghg
41. D Z d m k l Z g Z \ e b \ Z l v n Z d l u b f _ x s b _ x j b ^ b q _ k d h _ a g Z ² q _ g b _
https://youtu.beeCs77e8TQNI
42. J _ r _ g b _ h [m k u g h \ e _ g b b m ^ h q _ j _ g b b j _ [_ g d Z \ i j Z \ _ i j b g y
L d Z q _ g d h https://youtu.belbOU7Nnbh5A
43. G Z k e _ ^ g b d m g _ k h h [s b e b h [h l d j u l b b g Z k e _ ^ k l \ Z
https://youtu.beFUa80J97clU
44. D Z d f h ` g h j Z a ^ _ e b l v g Z k e _ ^ k l \ h f _ ` ^ m g Z k e _ d ^ Z g b _ d Z f h b
https://youtu.be-PNBySTHaL8
45. D l h i j b f _ l g Z k e _ ^ k l \ h \ f _ k l h m f _ j r _] h g Z k e _ ^ g b d Z ² <
https://youtu.be04Ikijp0BS4
46. G Z k e _ ^ h \ Z g b _ b f m s _ k l \ Z m f _ j r _] h < e Z ^ ² b f b j
https://youtu.beD8kdymrJF4k
47. G Z k e _ ^ k l \ h [_ a ^ h d m f _ g l h \ D Z d \ k l m i b l v \ g Z k e _ ^ k l \ h _
b f m s _ k l \ h H e ²] h K m / o h \ https://youtu.be4qq4X6z5F6w
48. G _ i j b g y l b _ g Z k e _ ^ k l \ Z b h l d Z a h l g Z k e _ ^ k l \ ² Z
https://youtu.be4VVSd5NlAAE
49. B a f _ g _ g b y i h j y ^ d Z j Z k k f h l j _ g b y Z i _ e e y p b h g g h c ` Z e ² h [u
https://youtu.beRt1W4pmqhxE
50. D Z d j Z k k f Z l j b \ Z _ l k y ^ _ e h k m ^ h f Z i _ e e y p b h g g h c b g k ² l Z g p b
https://youtu.be3nni_FL4ZJQ
51. I j Z \ h g Z h [j Z s _ g b _ \ d Z k k m Z p h b [h s g g u x c j b k ^ b d p b b < e Z ² ^ b f b j
https://youtu.beebtPupiWpeo
52. I h j y ^ h d j Z k k f h l j _ g b y ^ _ e d Z k k Z p b h g g u f k m ^ h f ² < e Z
https://youtu.be8Wp6MavUYoE
53. D Z d i j b g b f Z x l d Z k k Z p b h g g m x ` Z e h [m d i j h b a \ h ^ k l \ m k
² https://youtu.beOv0-zYqMj_M

54. Ijhba\h^kl\h ih dZkkZpbhgghc `Zeh[_ \ <_joh\ghf Km²^_ JN
https://youtu.betnL6eEltvtA
55. DZdb_ j_r_gby \ijZ_ ijbgylv dZkkZpbhgguc km^ iheghf
LdZq_g https://youtu.beKZWLT0dasGk
56. H ihjy^d_ b kjhd_ i^a^Zjgbhc gŽZeh[u <eZ^bfbj² LdZ
https://youtu.beK3VMAOhHecA
57. I_j_kfhlj \klmib\rbo \ aZdhggmx kbem km^_[guo ihklZgh\e
\k_² https://youtu.beZ428vqvg7nY
58. Ijbfbjbl_evgu_ ijhp_^mju [_a km^Z Qlh lZdh_ f_^bZpby"
https://youtu.beFPFWlqBhDO0
59. Km^ beb f_^bZpby" JZa[bjZ_f hkh[_gg-hkhjhr_fm² >Z\Z
https://youtu.bebQkeROTSAZ0
60. F_^bZpby Bg²mhm://you https://youtu.beaKE71erYssw
61. KlZ^bb ijhp_^mju f_^bZpbb Kihkh[u fbjgh]h jZaj_r_gby k_
Z^\hdZlZ Kh_lu Z^\hdZlZ dZ[:^\hdZlkdb Dehih\²c B :
https://youtu.bepj4-uxIRWoU
62. Qlh lZdh_ f_^bZpby Kh_lu Z^\hdZlZ _ :^\hdZlkdbc dZ[
² https://youtu.beR81v4434v6w
63. Bkiheg_gb_ j_r_gby lj_l_ckdh]h k²m^Z https://youtu.be J0DMoQrAW38
64. Lj_l_ckdh_ jZa[bjZl_evkl\h _]h ij_bfms_kl\h ²
https://youtu.be1uQLfLmylr0
65. <ha[m`^_gb_ bkihegbl_evgh]h ijhba\h^kl\Z ²<eZ^b
https://youtu.beIH5nVI-kdBc
66. Dh]^Z b dZd ij_djZsZ_lky bkihegbl_evgh_ ijhba\h^kl\h
https://youtu.beDjrOKK-qQ1M
67. Hleh`_gb_ b ijbhklZgh\e_gb_ bkihegbl_evgh]h ijhba\h^kl\
² https://youtu.bevSy1b9_tOHQ
68. :j[bljZ`gu_ kihju dZd \ub]jZlv Zj[bljZ^guc DZ^:^\hdZl
?dZl_jbg[mhttps://youtu.be-lNDK5G05kQ
69. Bkd \ Zj[bljZ`guc km^ dZd ih^Zlv Zj[bljZ`gu_ kihju \ k
:g^j_c DZpZ-c^\hdZ?dZl_jbg[mhttps://youtu.beHGrkInsMlrg
70. ?\jhi_ckdbc km^ ih ijZ\Zf q_eh_dZ lj²h_dl
https://youtu.beueBBIwx0q_o
71. < dZdbo kemqZyo g_ gm`gh ih^Z\Zlv `Zeh[m \ q?\jhi_ckZdb
?KlQ \ KFB lZ[m Kh_lu Z^\hdZlZ _ :^\hdZlkdbc dZ[bg_l
https://youtu.beZwD-iVgFQp4
72. Ihjy^hd h[jZs_gby b ijhba\h^kl\h \ ?\jhi_ckdhf km^_ ih
H[jZah\Zgb_ ^²eyhttps://youtu.besvB0xXDp_yI
73. ?\jhi_ckdbc km^ ih ijZ\Zf q_eh_dZ QZklv ² H[jZa
https://youtu.beBFMG5B8Y9yw
74. J_r_gb_ ?KlQ h g_ijb_fe_fhklh]^ZZehhttps://youtu.be Dj_ih^Zlv `Zeh
?\jhi_ckdbc Km^ Kh_lu Z^\hdZlZ _ :^\hdZlkdbc dZ[bg_
https://youtu.be2BE4wa4remA
75. Kjhd jZkkfhlj_gby `Zeh[u \ ?\jhi_ckdhf km^_ ih ijZ\Zf q_eh_dZ
_ :^\hdZlkdbc dZ[bg_l < Dehih\²c Bhttps://youtu.Be2kaoMASmrDI

8[-[[

Mq_[gZy Zm^blhjby ^ey ijh_^_gby aZgylbc e_dpbhggh]h
k_fbgZjkdh]h lbiZ dmjkh\h]h ijh_dlbjh\Zgby \uiheg_gby dmj
b bg^b\b^mZevguo dhgkmevlZpbc l_dms_]h dhgljhey b ijhf_
KlZg^ZjlgZy mq_[gZyihk[_^hvqguo f_kl

Klhe b klme ^ey ij_ihh^Z\ZZll_ey ±
DZn_^jZ ^ey e_dlhjZ ±
>hkdZ gZkl_ggZy lj_owel_f_glgZy ±
l_j_ghkghc gZkl_ggZy lj_owel_f_glgZy
Fmevlbf_^bcguc ijhC_dlhrjl
Ghml[mud ± rl
Dhehgdbus ± iZjZ
l_j_ghkgZy Bgl_jZdlb\gZy ^hkdZ k_gkhjgZy 60$57 %RDU
214000, г. Смоленск, ул. Пржевальского, д.4, пристройка к учебному корпусу, 1-й этаж, № 104
Ihf_s_gb_ ^ey kZfhklhyl_evghc jZ[hlu hkgZs_ggh_ dhfi\hafh`ghklvx ih^dexq_gby d k_lb ©Bgl_jg_lª b ^hklmihf \ we_bgnhjfZpbhdjZah\Zl_evgmx kj_^m hj]Zgba Zpbb
Dhfivxl_ju ±rl
Dhfivxl_jguc klm^_gq±kdhbc klhe
Klhe b klme ^ey ij_ihh^Z\ZZll_eyhk±dZ gZkl_ggZy lj_owe_f_g
214000, г. Смоленск, ул. Пржевальского, д.4, пристройка к учебному корпусу, 3-й этаж, № 312
Ihf_s_gby ^ey ojZg_gby b ijhnbeZdlbq_kdh]h h[kem`b\Zgh[hjm^h\Zgby
] Kfhe_gkd me lj`_\Zevkdh]h ^ ijbkljhcdZ d nwlZ` ‹

9. Ихи

Microsoft Open License (Windows XP, 7, 8, 10, Server, Office 2003-2016 Ebp_gaby 66920993 hl [_kkjhqgh
Microsoft Open License (Windows XP, 7, 8, 10, Server, Office 2003-2016 Ebp_gaby 66975477 hl [_kkjhqgh
.DVSHUVN\(QGSRLQW6HFXULW\ ^kyZg^Z[jbgauckZ Eb±p_g 1FB6181220135520512073 _`_]h^gh_ h[gh\e_gb_