

Hkgh\gZy ijhn_kkbhgZevgZy h[jZah\ZI_ev gZy ijh]jZffZ jZajZ
N_^_jZevgh]h]hkm^Zjkl_ggh]h h[jZah\ZI_ev gZy ijh]kh khZg^ZjIZ ^Ze
ki_pbZevghklb kj_^g_]h ijhn_kkbhgZevgh]h h[jZah\Zgby
ml_j`^_g_g]h]hZahf Fbgbkl_jkl\Z ijhk_s_gby JN < hl ghy[jy
hl \oh^ys_c \ khklZ\ mdjmig_gghc]jmiiu ki_pbZevghk
Bah[jZabl_evgh_ b ijbdeZ^gu_ \b^u bkdmkkl\

J:KKFHLJ?GH
gZ aZk_^Zgbb l_^Z]h]bq_IHQM]©=mfZgblZjgh
hl]

JZajZ[h]qWv^Zj[b_ZiK_i:h^Z\ZI_ev IHQM ©=mfZgblZjgh
i_^Z]h]bq_kdbc dhee_`^`a

J_p_ga_glu

->ZfZ^Zgh\Z KZb^Z JZjhZaZgkh]jgZd i g >=IM O=N
DZn_^jZ >IB b f_lh^bd_ ij_ih^Z\Zgby

-HfZjh\ FZ]hf_^ FZ]hfijh\bkjh] d i g >=IM O=N
DZn_^jZ >IB b f_lh^bd_ ij_ih^Z\Zgby

KH>?J@:GB?

1. I:KIHJL J::HQ?C IJH=J:FFU MQ?;GHC >BKPBIEBGU
2. KLJMDLMJ: B KH>?J@:GB? MQ?;GHC >BKPBIEBGU
MKEH<BY J?:EBA:PBB J::HQ?C IJH=J:FFU
MQ?;GHC >BKPBIEBGU
DHGLJHEV?BGD: J?AMEVH:K<H?GMY?;GHC
>BKPBIEBGU
5. :>:IL:PBY J::HQ?C IJH=J:FFU IJB H;MQ?GGBB EBP
K H=JBG?GGUFB <HAFH@GHKLYFB A>HJH<VY
6. EBKL I?J?ML<?J@>?GBY :DLM:EBA:PBBH=J::HQ?C
>BKPBIEBGU

I:KIHJL ;JHQ?C IJH=J:FFU MQ?;GHC >BKPBIEBGU

1.1. H[eZklv ijb_f_g_gby ijh]jZffu
JZ[hqZy ijh]jZffZ mq_[ghc ^bKpbiebgu BUKLHJBY
BAH;J:ABL?EVGH=H BKDMKKl\ey_ikyZklvx hkgh\ghc
ijhn_kkbhgZevghc h[jZah\ZI_evghc h[h\ijh]kijZm=HKKIHih
ki_pbZev5402101.©baZ^cgh hljZkeyf

F_klh ^bKpbiebgu \ kljmdlmj_ hkgh\ghc ijhn_kk
h[jZah\ZI_evghc ijh]jZffu
>bKpbiebguZ ©Bklhjby bah[jZabl_evgh]h bKdmkkl\Z^ ij
ijhn_kkbhgZevghfm pbdem b hlghkblky d h[s_ijhn_kkbhgZevg

1.3. P_ev b ieZgbjm_fu_ j_amevlZlu hk\h_gby ^bKpbiebgu

< j_amevlZI_ hk\h_gbyh [^bKpbiebgu ^he`_g
mf_lv
- ZgZebabjh\Zlv bklhjby_kdb_ hkh[_gghklb wihob ijhba\
bKdmkkl\Z _]h klbe_\u_ b `Zgjh\u_ hkh[_gghklb
- hjb_glbjh\Zlvky \ jZaebqguo gZijZ\ev_gbyo aZjm[_`gh]h b j
bKdmkkl\Z
ijbf_gylfZI_jbZe ih bklhjbb bah[jZabl_evgh]h bKdmkkl\Z
^_yl_evghklb
agZlv
- hkgh\u bKdmkkl\h\^_gby
- bklhjby bah[jZabl_evgh]h bKdmkkl\Z \ dhgl_dkl_ jZa\blb_ fb
- oZjZdl_jgklbe_\u_ `Zgjhkh[_gghklb ijhba\bah[jZabl_evgh]
bKdmkkl\Z jZaebqguo wiho b dmevlmj
- i_j\hbkhhqgdb bKdmkkl\h\^q_kdhc ebl_jZlmju
\eZ^:lv
- f_lh^Zfb bah[jZabl_evgh]h yaudZ ZdZ^_fbq_kdhc `b\hibkb
- ijb_fZfb bah[jZ\`h\hibkguo fZI_jbZeZo
- agZgby l_hj_lbqh_kgdh\hjbba bah[jZabl_evgh]h bKdmkkl\Z
< j_amevlZI_ hk\h_gby mq_[ghc ^bKpbiebgu ©Bklhjby
bKdmkkl\Z^ h[mqZ^h\eyh\ev^_lv
h[sbfb dhfi_l_gpbyfb
HD <u[bjZlv kihkh[u j_r_gby aZ^Zq ijhn_kkbhgZevghc ^_yl_e
ijbf_gbl_evjZaebqguf dhgl_dklZf
HD Bkihevah\Zlv kh\j_f_ggu_ kj_^kl\Z ihbkdZ ZgZebaZ b bg
b bgnhjZpbhgggu_ l_ogheh]bb ^ey \uiheg_gby aZ^Zq ijhn_k
ijhn_kkbhgZevgufb dhfi_l_gpbyfb
ID _Hkms_kl\eylv Z\lhjkdbæZ gZ^ZahjaZpb_c om^h`_kl
dhgkljmdlhjkdbo j_r_gbc ijb ba]hlh\ev_gbb b ^h\h^d_ hiulguo
ijh^mdpbb \hiehs_gb_fijhkljZggh\ggguo dhfie_dkh\
ID leZgbjhkZ[kl\ggmx ^_yl_evghklv

	Nhjfbjm_fu_ dhfi_l_gpb	Hk\Zb\Z_fu_ agZgby
Dh	GZbf_gh\Zgb_	
	Ijhn_kkbhgZevgu_ dhfi_l_gpbb ID	

<p>HD. HØ.</p>	<p>Hkms_kl\eylv ihbk bkihevah\Zgb_ bgnh g_h[oh^bfhc ^ey wnn \uiheg_gby ijhn_kkbb aZ^Zq ijhn_kkbhgZ ebqghklgh]h jZa\b</p>	<p>mf_lv - hp_gb\Zlv wnn_dlb \u[jZggh]h f_lh^Z ih bgnhjfZpbb b dZq_ ihemq_gghc bgnhjfZ \uiheg_gby ijhn_kkbb aZ^Zq agZlvZoh`^_gby g_h[bgnhjfZpbb ^ey \uih ijhn_kkbhgZevguo</p>
<p>ID3.2</p>	<p>Hkms_kl\eylv Z\lhjkdb j_ZebaZpb_c om^h`_ dhgkljmdlhjkdbo j_r_ ba]hlh\e_gbb b ^h\h^ h[jZaph\ ijhfure_gg ijh^mdpbb \hiehs_ ij_^f_lg]hkljZgkl\gg dhfie_dkh\</p>	<p>Bf_lv ijZdlbq_kdbc hiul ijh_^_gby f_ljheh]bq_kd wdki_jlbau Mf_lv hij_^_eylvZabjh\Zlv ghjfZlb\gu_ ^hdmf_glu g baf_j_gbc ijb dhgljhe_ d bkiulZgbyo ijh^mdpbb ih^]hlZ\eb\Zlv ^hdmf_glu ijh_^_gby ih^l\j`^_gby khhl_lkl\by kj_^kl\ baf_ AgZlv ijbgpbiu \u[hjZ kj_^kl\ b f_ljheh]bq_kdh]h_gbyki_c l_ogheh]bq_kdh]h ijhp_k ba]hlh\e_gby ijh^mdpbb _]h hl^_evguf wZiZf ih Zll_klZpbb b ijh_jdb kj_ baf_j_gby b bkiulZl_ev h[hjm^h\Zgby ih]hkm^Zj klZg^ZjZf</p>
<p>ID</p>	<p>leZgbjh\Zlv Kh[kl_ggmx ^_yl_evghklv</p>	<p>Bf_lvjZdlbq_kdbc hiul jZ dhee_dlb\hf bkihegbl_e Mf_lv ijbgbfZlv kZfhklhyl_evgu ih \hijhkZf kh_jr_gkl\h\ hj]ZgbaZpbb mijZ\e_gq_ dhee_dlb\ AgZlv f_lh^u b nhjfu h[mq_gby</p>

1. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby
EJ HkhagZxsbc k_[y]jZ`^Zgbghf b aZsblgbdhf _ebdhc klj
EJ ljhy\eyxsbc Zdlb\gmx]jZ`^Zgkdmx ihabpbx ^_fhgklbjm
ijbgpbiZf q_klghklb ihjy^hqghklb hldjulhkZdlb\gwdghfb
mqZkl\mxsbc \ klm^_gq_kdhf b l_jjb]hjbZevghf kZfhmijZ\e

mkeh\byo ^h[jh\hevq_kl\Z ijh^mdlb\gh \aZbfh^_ckl\mxsb
^_yl_evghklb h[s_kl_gguo hj]ZgbaZpbc
EJ Kh[ex^Zxsbc ghjfu ijZ\hih^dZ k_ejZ^mZgkdh]h^_ZpsZfkl
h[_ki_q_gby [_ahiZkghklb ijZ\ b k\h[h^]jZ`^Zg Jhkkbb E
ijhy\ey_gbyf ij_^klZ\bl_e_c km[dmevlmj hlebqZxsbc bo hl]
^_lbZglguf ih_^_gb_f >_fhgkljbjmxsbc g_ijbylb_ b vjg^mij
hiZkgh_ ih_^_gb_ hdjm`Zxsbo
EJ Ijhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ex^yf ljm^Z
kh[kl_ggh]h ljm^Z Klj_fysbcky d nhjfbjh\Zgbx \ k_l_hc
ijhn_kkbhgZevgh]h dhgkljmdlb\gh]h @pbnjh\h]h ke_^Z^a
EJ >_fhgkljbjmxsbc ijb_j`_gghklv d jh^ghc dmevlmj_ bklhjl
hkgh_ ex[\b d Jh^bg_ jh^ghfm gZjh^m fZehc jh^bg_
p_gghkl_c fgh]hgZpbhgZevgh]h gZjh^Z Jhkkbb
EJ Ijhy\eyxsbc m\Z`_gb_ d ex^yf klZjr_]h ihdhek_lgby\b]
khpZevghc ih^^_j`d_ b \hehgl_jkdbo ^\b`_gbyo
EJ HkhagZxsbc ijbhjbl_lgm p_gghklv ebqghklb q_eh_dZ
b qm`mx mgbZevghklv \ jZaebqguo kblmZpbyo \h \k_o nhjf
EJ Ijhy\eyxsbc b ^_fhgkljbjmxsbc d m\jZ^klZ\bl_eyf jZa
wlghdmevlmjguo khpbZevguo dhgn_kkbhgZevguo b bguc
khozZg_gbx ij_mfgh`_gbx b ljZgkeypb dmevlmjguo ljz
fgh]hgZpbhgZevgh]h jhkkbckdh]h]hkm^Zjkl\Z
EJ Kh[ex^Zxsbc b ijhiZ]ZigZb^mZsba^chjh\h]h b [_ahiZkgh
`bagb kihjlZ ij_^mij`^Zxsbc eb[h ij_h^he_Zxsbc aZ\bk
lZ[ZdZ ikbohZdlb\guo _s_kl\ ZaZjlguo b]j b l^ KhojZg
mklhcqb\hklv \ kblmZlb\gh keh`guo beb kljk_lbmZevgho f_gyxsbc
EJ AZ[hlysbcky h aZsbl_ hdjm`Zxs_c kj_^u kh[kl_gghc
lhf qbke_ pbnjh\hc
EJ Ijhy\eyxsbc m\Z`_gb_ d wkl_lbq_kdbf p_gghklyf
wkl_lbq_kdhc dmevlmj
EJ IjbgbfZxsbc k_f_cgu_ p_gghklb a^Zgk_xu^_fvb b \hkit
^_l_c ^_fhgkljbjmxsbc g_ijbylb_ gZkbeby \ k_fv_ mo
hl_lkl_gghklb hldZaZ hl hlghr_gbc kh k\hbfb ^_lvfb b bo n

Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZg
hljZke_ufb lj_[h\Zgbyfb d ^_eh\uf dZq_kl\Zf ebqghklb
EJ <u[bjZxsbc hilbfZevgu_ kihkh[u j_r_gby ijhn_kkbhgZev
m\Z`_gby d aZdZaqbdm ihgbfZgby_]h ihlj_[ghkl_c
EJ IjbgbfZxsbc b bkihegyxsbc klZg^Zjlu Zglbdhjjmipbhgg
EJ Ijhy\eyxsbc kihkh[ghklb d ieZgbjh\Zgbx b _^_gbx
ij_^ijbgbfZI_evkdhc ^_yl_evghklb gZ hkgh_ ihgbfZgby b kh
jhkkbckdh]h aZdhgh^ZI_evkl\Z
Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby h
Jhkkbckdh^cj^pbb
EJ KhojZgyxsbc gZqrb b gZnevggmx b^_glbqghklv \
ihebdmevlmjgh]h h[jZah\ZI_evgh]h ijhp_kkZ
Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgb
dexq_ufb jZ[hlh^ZI_eyfb
EJ >_fhgkljbjmxsbc kdjmim eb_cqgthklw \ ijh^Zgkk_ \uiheg_gb
jZfdZo ijhn_kkbhgZevghc ^_yl_evghklb
EJ IjbgbfZxsbc Zdlb\gh_ mqZklb_ \ h[s_kl_gghc `bagb
j_]bhgZ \ dhlhjh f gZoh^blky ij_^ijbylb_ mqZklb_ \
ijh_dIZo \g_^jy_fuo ij_^ijbylb_gZ kn_j_ ^baZc

EJ Kh[ex^Zxsbc ljm^h\mx wlbdb dmevlmj m ijb^_j`b\Zx
 \gmlj_gg_]h MklZ\Z b ijZ\be ljm^h\hc wlbdb ij_^ijbylbc
 Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgb
 km[t_dIZfb h[jZah\ZI_evgh]h ijhp_kkZ
 EJ ljbgbfZxsbc ijZ\beZ \gmlj_gg_]h jZkihjy^dZ h[mqZxsbc
 qZklb \uiheg_gby h[yaZgghkl_c

Dhebq_kl\h qZkh\ gZ hk\h_gb_ jZ[hq_c ijh]jZffu mq_[gh]h
 FZdkbfZevgZy mq_[gZy gZ]jm-52 Z Zk\m\q Zxlsh_f] qkbye_
 h[yaZI_evgy Zm^blhjgZy mq_[gZy gZ]jm-42 qZklb Z kZrhq\Zlshy\] hkyg
 jZ[hIZ h[mqZxsbc] qZkh\

2. KLJMDLMJ: B IJBF?JGH? KH>?J@:GB?>NBQP;GIBBGU

H[t_f mq_[ghc ^b kpbiebgub \b^u mq_[ghc jZ[h

<b^mq_[ghc jZ[hlu	H[t_f qZkh\
FZdkbfZevgZy mq_[gZy gZ]jm	52
H[yaZI_evgy Zm^blhjgZy mq\h \aZbfh^_ckl\bb k ij_ih^Z\Zl	42
< lhf qbke_ ih ijZdlbq_kdhc	
E_dpbb	42
KZfhklhyl_evgy jZ[hIZ h[mqZx	10
ljhf_`mlhqqZy_klZpby \ nhjf	>bnn_j_gpbjh\Zgguc a

	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ kZfhklhyl_ evgZy jZ	H[t_f qZkh	Hk\Zb\Z_ we_f_gl dhfi_l_gr
1	2	3	
L_fZ <_^_gb_ <t bah[jZabl_ev bkdmkkl\Z l_j\h[ulgh_ h[s_kl\h Bkdr >j_\g_]h ?]bi	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ l_j\h[ulghh[sbgguc kljhc AZjh`^_gb_ bkdmkkl\Z b _ Bkdmkkl\h iZe_heblZ f_aheblZ g_heblZ lZfylgbdb i_j\h[ulghh[s_kl\Z \ ?\jhi_ b :abb AZjh`^_gb_ ijb dhkf_lbdb aZ\bkbfbkiv bo hl dmevlh\uo h[jy^h\ DmevlmjZ b bkdmkkl\h >j_\g_]h- bkdmkkl\Z h g Keh`_gdm^h`_kl_ggh]h klbey <^msZy jhev Zjobl_d kdZevg^h^q_kl\h Dmevlh\h_gZagZq_gb_ kdmevilmju j Bkdmkkl\h Kj^g_]h-pZjk]]Z^h g w AZmihdhcgu_ o KdmevilmjZ j_ev_nu `b\hibkv ijbgpbi bah[jZ`_g dZghgbq_kdb_ ihau bah[jZ`_gby q_hh\hdZjBkdmkkl]h ^h g w Hkh[_gghklb bkdmkkl\Z i_jbh^Z ijZ\e_gby WogZlhgZ q_eh_dZ Bkdmkkl\h lha^g_]h^Zi_j]h^Zgu_ m[hju <h iZjbdZ MdjZr_gby Dhkf_lbdZ	1	HD. HD ID ID
	KZfhklhyl_ evgZy jZ[hIZ khm^h_lh\Z ^hdeZ^h\ khh[s_ ©Kbf\heu b agZdb ^j_\g_]bi_lkd@loZhgZf]gih\kdbo i ©KdmevilmjZ >j_\g_]h ?]bilZ^a	1	
JZa^_eqlbqgh_ bkdmkkl\h			
L_fZ Bkdmkkl\h >j =j_pDbblh fbd_gkdZy dm =j_q_kZoyZbd DeZkkbdZ We	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ :joZbq_kdbc i_jb9,\9,\9,h g w Kljhbl_evkl\h]jh^h djbabkZ ,9 \ ^abggw_ \hklhqguo lJZ^bpbk Kljhbl_ev a^Zgbc KdmevilmjZ j_ev_nu H[jZah\Zgb_ gh\uo p_gl ljbq_kdb bo \b^u nhjfu H^`^Z =heh\gu_ m[hju	1	HD. HD ID ID
L_fZ Bkdmkkl\h >j Bkdmkkl\h jZg iha^g_c bfi_j	KZfhklhyl_ evgZy jZ[hIZ klm^_glZ ih^]hlh\dZ ^hdeZ^h\ b khh[s_gbc gZ l_fu ©:jdb >j_\ jbfkdh]h kdmevilmjgh]h ihjlj_lZ^a ©=b[_ev b gh\h_ hldjulb_ lhfi_c^a	1	

<p>L_fZ Bkdmkkl\h <ba</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ Ojhgheh]bq_kdb_]jZgbpu Kj_^g__dh\vy JZkiZ^ jZ[h nhfbjh\Zgb_ n_h^Zevgh]h h[s_kH\ZZah\Zg <baZglbckdhc bfi_jbb b \hagbdgh_gb_ \baZ@lA@k&dhcc d \baZglbckdhc dmevlmju b bkdmkkl\Z IZfyl OjZf K\ylhc Khnbb \ DhgklZglbghihe_ ojZf</p>	<p>2</p>	<p>HD. HD ID ID</p>
<p>L_fZ JhfZgkdh_ bkd</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ H[s__\jhi_ckdbc fhgmf_gIZevguc klbev jhfZgkdbc \ Z `b\hibkb Kljhbl_evkl\h dmevlh\uo a^Zgbc IZfjy_lghkd Zjobl_dlmju kb]Zfu p_jd\b \h NjZgpbb =_jfZgbb kljZgZo leZklbq_kdh_ hnhjfe_gb_ HjfZgkdb&ddZjZf\Z Zjobl_dlmju kdmevilmju `b\hibkb \ bgl_jv_j_ dmevlh\uo khhj m`_gbc J_eb]bhagh_ kh l\hj q_kl\Z b Zjh aZ@ i_caZgkdZy kljb`dZ^ ©jupZjkdb_</p>	<p>2</p>	<p>HD. HD ID ID</p>

<p>L_fZ ljhlhj_g_kk JZg__ <hajh`^_gb BIZebb</p>	<p>JZa^_eB,0dmkkl\h wihob <hajh`^_gby \ ?\jhi_ Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ Wihob<hajh`^_gbyjbh^ _ebqZcr_]h jZkp_lZ dmevlmju Bkdmkkl\h ljhlhj_g_kkZgkZ Jhev Nehj_gpbb dZd dheu JZgg__ <hajh`^_gb_ MI_j`^_gb_ j_ZebafZfbjh whlbiqbykbl ihbkdb gh\uo gZmqgh k[h]kgh\ZggujZ`_gby j_Zevgh]h f fgh]hh[jZab_ l\hj_q_kdbo bg^b\bmZèyghkkgguo rdhe K L\hj_q_kl\h Ehj_gph>;hgZbgèeh :g^j_Z <_jjhddvh @b\hi FhaZqghZebaf gh\Zlhjkl\h jZkp_l fhgmf_gjZ&ddZc_èe ;jZgdZqqb \h Nehj_gpbb l\hj_q_kl\h :gNj_Zb\ièvedZkaZ yjdhkiv djZkhd KZg^jh ;hllbq_eeb qajukdzgghgk_lgghkl</p>	<p>2</p>	<p>HD. HD ID ID</p>
<p>L_fZ <ukhdh_ iha^g__ <hajh`^_gb BIZebb</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ Bkdmkkl\h jeZ\guo ij^kIZ\bl_e_c <ukhdh]h <hajh`^_gb E_hgZj^h ^Z- mhgghwgcgpbdèhi^bkl om^h`gbd fukebl_e `b\hibkb l_ogbdZ ©knmfZglh^a Wkl_lbq_kdbc b^_Ze`_ _q_jy^a _z dhfghabpb ikboheh]bq_kdh_ j_r_gb_ JZnZv fZ^hggu Jhkibkv kh[hjZ k\ l_ljZ \ Jbf_ Fbd_eZg^`_eh ;mhgZjjh kdmevilhj `b\hibk_p Zjobl_dlhj ihwl @b\hibkgu_ jZ[nj_kdb Kbdklbgkdhc dZi_eeu ©Kb©klbjgkdbc kenZ^hg^gl [b[e_ckdb_ fhb\l_u \ kdmevilmjghf l\hj_q_kl\ ©<Zdo^a ©>Z\b^a ©lv_lZ^a Om^h`_kl_ggu_ h[jZau dZi klZlmb ©Mljh^a ©<_q_j^a ©>_gv^a ©Ghqv^a Kha^Zgb_ jj l\hj_q_kl\h \ Jbf_ jZkq_l dmiheZ kh[hjZ-kb\hibkZ_p>`hj^ _g_pbZgkdhc rdheuhhg\hghihèh`gbdh\ bkdmkkl\Z \ukhd lhjlj_lu dZjlbgu ©X^bnv^a ©=jhaZ^a ©KiysZy <_g_jZ^a L <_g_pbZgkdhc rdheu `b\hibkb JZajZ[hldZ jZaebqguo ` ^jZfZlbq_kdbc ljbq_kdb gZk_e_gbjh`^_jgby wih]Zlkhra b jZaghh[jZab_ ijbq_khd]heh\guo m[hjh\ Keh`ghklv`_g ijbq_kdZf Zglbqghklb AZ\bkbfbhklv nhjf b \b^h\ ijbq_kh</p>	<p>2</p>	<p>HD. HD ID ID</p>

JZa^_eA Z iZ^gh_\jhi_ckdh_ bkd mkkI\h ;9,,			
L_fZ ;Zjhddh-X0I \\ Bkdmkk BIZebb b BkiZgbb	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ GZklmie_gb_ n-dZ^Zebghkdhc j_Zdpbb BkdmkkI\h dZd p_jdh\ghc \eZklb <hagbdgh_-g Zjhghhkhgh\lglibeyq_jlu [Zj :jobl_dlmjZ L\hjg_kI\h NjZgq_kdh ;hjjhfbgb JZaghklh ;_jgbg Z jobl_dlhjZ kdmevilhjZ `b\hibkpZ ^_dhjZlhjZ ZdZ^_fbaf hkgh\gu_ ijbgbpiu `b\hibkb @[hehgp_\^a L\ j_ Zbaf _\^_gb_ gh\uo j_Zebklbq_kdbø[ù Zghjd køZgxjfh `bag_ggZy ljZdlh\dZ j_eb]bhagud ekZ\`gu b\]_ GhZjh^hba_ ^ om^h`gbdZ Nhjfbjh\Zgb_ klbey [Zjhddh \ `b\hibkb lv_ Kljhppb JZkijhkljZg_gb_ j_g_kkZgkghc dmevlmju lh^t_f gZpbh >b_]h ^_ Kbev\Z <_eZkd_k b_]h ijhba_ ^_gby dZd _j dZjlbgu \ `Zgj_ © [h^_]hg_k^ ©AZ\ljZd^a ©<h^hghk^a b ^j ihehlGZ rbjhdh]h h[h[sZxs_]h kfukeZ `b\hibkv ©Kj^ZquZ ihjlj_lu ©BgnZglZ^a iZjZ^gu_ ihjlj h[jZau rmlh\ `Zgjh\Zy ©F_gbgua ©ljjoba dhfihabpbhggu_ hkh[_g agZq_gby^_kZeb_ygb_ klbey [Zjhddh gZ bIzevygkdbc dh KZfhklhyl_evGZ jZ[hI Z h k]lm^h\gZZ^hdeZ^ b khh[s_gb_ gZ Wev =j_dZ^a	2	HD. HD ID ID

<p>L_fZ Bkdmkkl\ NeZg^jbb =heeZg^b</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ lhy\e_gb_ klbey [Zjhddh \ bkdmmkl\ NeZfZg^kdZy `b\hibkv lbi_j_ kZim`ehi hJem[neZfZg^kdhc rdheu `b\hibkb Zglbqghklv \ \ kx`_lu k\yav l_fu kljZ^Zgby k kh[ulbyfb gb^_jeZg^kdh q_eh_dZ b ijbjh^u iZjZ^ghklv klbey [Zjhddh \ KgZc^_fZkl_j fhgmf_ggh]ZegZlxjfhjIZ]bfg ijbjh^_ k_jby ©Lhj]h_p ^bqvx b ilbp_c^a b ^j =heeZg^kdZy `b\hibkv - NkZgkhOZeh\kgbd]heeZg^kdhc j_ `b\hibkb djmig_crbc ihjlj_lbkl ah[jZ`_gb_ \k_o keh_\ FZee_ ;Z[[_a bf[↑Zg^J<Zg-Jdjmjg_crbc om^h`gbd]heeZ fbjh\h]h bkdmmkl\Z rbjbgZ l_fZlbg_kdh]h ^bZiZahgZ i b h[jZah\ ihjlj_lgZy `b\hibkv]jZ\xju b hnhjlu hkgh\gu l\hj_q_kl\Z</p>	<p>1</p>	<p>HD. HD ID ID</p>
<p>L_fZ Bkdmkkl\ NjZgpbb ;9 \ Jhdhd</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ DjZldbc bklhjbq_kdbc h[ahj iheh`_gby \h NjZgpbb \ >\Z wIziZ \ jZa\blbb bkdmmkl\Z aZ_jr_gb_ iha^gbo nhjf [Zjhddh b i_j_oh^ \ gh\uc klbev jhdhdh aZjh`^_gk Kljhbl_evkl\h lZjb`Z JZkp_l gh\h]h om^h`_kl_ggh]h_gZijZ]ve^ugbMlyZIZ bgl_ [hevrbf ZgkZf[eyf =hjh^k_dav ^bgl_jv_j hl_ey klm]jb@Z ;hnjZg KdmevilmjZ =jZpby g_ijbgm`^_gghklv ijhklhIZ eZdh h[jZau Wlv_g Fhjbk Nhevdhg_ ©F^_guc \kZ^gbd^a l_l :glmZgm^hg kdmevilmjgu_ ihjlj_lu D < =exdZ <hevl_ jhdhdh b_]h omg^h`_ka^udg ^_dhjZlbg^ghklv ©]ZeZglgu_a fbnheh]bq_kdb_ kx`_lu ihwlbq_kdZy f_eZgoheby h[jZa ©h[s_kl\h \ iZjd_a ©Ex[h\v \ blZevygdhf l_Zlj_a B ^jm]b_ @Zg Hghj_ NjZ]hgZj bah[jZ`_gb_]ZeZglguo ijZa^g_kl\ [uldh]uc d `bagb gZlxjfhjlu ©Ljm[db b dm\rbgua ©KqZkleb\u_ \h @Zg ;Zlkl KZjh^g^g\ujZabl_ev wlbq_kdbo b^_Zeh\ khk</p>	<p>1</p>	<p>HD. HD ID ID</p>

	<p> `Zgjh\ u_ kp_ gu gZlxjfhjlu ©Fhebl\Z i_j_^ h[_^hfa © b ^jm]b@GZlxjfhjl k Zljb [kndlnzkkk\ b^a <ebygb_ fh^u jhdh ijbq_ kdb gZk_e_gby ©FZjby :glmZg_ lIZ^a ©FZ^Zf Ehf[</p>		
JZa^Vle Bkdmkkl\h AZiZ^ghc ?\jhiu i_j\hc iheh\bg u ;; \			
L_fZ 6.1: Bkdmkkl BIZebb NjZ b BkiZgbb Dhklxf gZihe_hgh\ bfi_jbb : fibj -1825]]	<p> Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ KdmevilmjZ G_hd bZzZevvgha kdbbc kdmevilmj :g h^vgh bDZg jeZ\guo _]h ij_^ki XjZp by @b\hibkv L_h^hj h@ghh hheh` j_\hexpbhggh]h jhfZglbafZ Kh_^bg_gby deZkkbq_kdb Kh\j_f_ggZy l_fZ \ dzjlb g_ ©leh^ F_^mau^a K_jby ihjlj_lh\ Bgl_j_k d \ gmWj`gg_fm >_eZdjmZlbbgguc \h^v jhZZGZajfy`_ggghklv ljZ]bqghklv dhfihabpby ijhba_^_gbc DZjlbgu gZ kx`_lu >Zgl_ ©E ljhba_^_gby h]_jhbq_kdhc [hjv[_]j_q_kdh]h gZjh^Z : ee_]hjbq_kdbc h[jZa j_\hexpbb]h^Z \ dzjlb g_ K\h ^jm]b_ BkiZgjbykiZgkdh]h Z[khexl bafZ bgd\babpbb H [_^kl_ggh_ iheh`_gb_ gZjh^Z GZr_kl\b_ GZihe_hgZ b hk\h[h^bl_ evgZy \hcgZ lh^t_f h[s_kl_gguo kbe klj_fe khpBZevghfm \hajh`_^_gbx kljZgu <ebygb_±ih^sb\k d_ k g d h c H[klZgh\db gZ dmevlmj m hljZ`_gb_ \ bkdmkkl_ ljZ]bc @b\hibkv NjZgk b k d_ b d h b b y bkiZgkdbc om^h`gbd <ebyg j_\hexpbb gZ g_]h bkdmkkl\h J_\h expbhggh h^vgh llh j q_ Z e b z f ihjlj_lh\ ©lhjlj_l dhjhe_kdhc k_fvb^a bklhjbq_kdb_ dzjlbgu JZkklj_e ih\klZgp_\ \ ghqv gZ kZl bjZ k_jby hnhjlh\ ©DZijbqqhk^a]jZnbq_kdZy k_jby jhkibkb ©>hfZ jemoh]h^a </p>	1	HD. HD ID ID
	KZfhklhyl_ evgZy jZ[hIZ klm^_glZ lh^]hjh\dZ ^hdeZ^Z b khh[s_gb_ gZ l_fu ©L\hjq_kl\h >hf_gbdZ Wg]jZ^a ©L\hjq_kl\h @ZdZ Emb >Z\b^Z^a	1	
JZa^9e, Bkdmkkl\h \lhjhc iheh\bg u O;; _dZ			
L_fZ Bkdmkkl\ NjZgpbb ;Zj[bahgkd	<p> Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ : jobl_dlmjZ Kh\j_f_gguc iZ\bev hg ©OjmkfZevg u dE h g h j h : jobl_dlhj >`ha_n IZdkl h g W_c kb f e h e Z I Z Z b g z kdmevilmj =xklh\ Wcn_ev [uiekljh_g \]h^m <_gZ A^Zgb_ IZjeZf_glZ klbebah\Zggh_ ih^ ^j_g_]j </p>		HD. HD ID ID

rdheZ	Ibh^g_fbak W^\Zj^ nhg OZgk_g >j_a^_g <u^Zxsbfky =hlnjb^ A_fi_j _]h jZ[h VZjph\uc l_Zlj Kdmevilm H]xkl Jhg^ gh\u_ imlb \ bkdmmkl_\Zygby ?]h jZggyy j kehfZgguf ghkhf^a Kmjh\^jZfZbafZ b ^moh\gh]h _ebqby klZlmy © DZe_ ^IhegZ ^jZfZlbfZ b ^moh\gh]h _ebqby klZlmy © ^jm]b_@b\hibkv DZfbenvjZgjmakdbc `b\hibkZ`pbkl J_Zet JZ[hIZ k gZlmju _]h k[eb`Z_l k [Zj[baZgkdh©hcgZ g_c qm\kl\m_lky jZ^hklv ijbjh^u ijh[m`^Zxs_cky ihke_ bah[jZ`_gZ \ dZjlbq_ ©RZjlkdbc kh[hjfbmheanZbb_Zgdlbq i_jkhgZ`_c fu \b^bf \ dZjlbq_ ©=hf_j b iZklmob^a ©Dr J_Zebklbq_kdZy i_j_^ZqZ ijbjh^u [hjv[]Zigbb\gghs]Zgk j_Zdpbhggh]h kZehggh]hhb^kqdkkZ [Zj[baZgp_\ ©> ©:ee_y me_ ©<b^ \ hdj_klghklyo^a ©<_q_@x dxjh^ijb ^jm hikmkl\b_ q_ldhklb nhjf ©>m[u m ^hjh]b^a ©I_caZ` k d ihwaby fbjghc `bagb i_j_^ZqZ \j_f_gb kmlhd ©;_j_]Z j_db MZau^a ©AZijm^Z \ ^hebg_	1	
	KZfhklhyl_evgyZy jZ[hIZ klm^_glZ ih^]hIh\dZ ^hdeZ^h\ b khh[s_gbc gZ l_fu ©Djblbq_kdb Dmj[_^a ©L\hjq_kl\h @ZgZ NjZgkmZ Fbee_^a	2	HD. HD ID ID

<p>L_fZ Bfij_kkbhgb bfij_kkbhgb</p>	<p>Kh^_j`Zgb_mq_[gh]h fZI_jbZeZ Bfij_kkbhgbaf dZd y\kl\m_l ba kZfh]h l_jfbgZ h[hag ©\i_qZle_gb-EP@UHVVL RQ Bfiqmk^hbhgbafggh_gZijZ\e \hagbdZ_l \h NjZgpbb \ ihke_^g_c lj_lb ;;; _dZ Bfij_kkbhgbklu ijb^Z\Zeb [hevfm_ba gZ d mg la Z k^q_l jbk h[t_fZ Bkq_aeb dhglmju ij_^f_lh\ dhgljZklu bWK^mZh^_l -hkgh\hiheh`gbd gh\h]bfij_kkbhgbafZ b_]h hkh[_gghkl ZdZ^_fbafm bgl_j_k d kh\j_f_gghc `bagb kkj_f^eklgbgg ajbl_evguo \i_qZle_gbc gh\u_ ijbgpbiu dhfihabpbb b dZjlbgu ©AZ\ljZd gZ ljZ_a ©Hebfiby^a ©Ne_clbkl^a ©lhjlj_l Wfbey Ahey^a -©:jZij^a NeZedhg^a ©AZ\ljZd \ fZkl_jkdhc^a W^]Zj >_]Z hkljfbjZ b g Zf p h^gZ `b\hibkghc fZg_ju ©Mjhd lZgp_\^a ©=hem[u_ lZgph\sbp jZkq_ku\ZxsZy \hehku^a ©:[k_gl^a L\hj_q_kl\h H J_gmZ kx`_lm ihjlj_lhf h[jZau ` _gsbg ^_l_c ©H[gZ`_ggZy ©lhjlj_l FZ^_fmZ^DeZqKeb^a ©Fme_g ^_ eZ =Ze_ll^a ©l RZjiZgv_ k ^_lvfb^a lb_c^j]gZy `b\hibkv D lbkkZjjh ©Dj >_j_gkdbc m]hehd abfhc^a : Kbke_fZjgZ^hb^gimbb_\</p>	<p>1</p>	<p>HD. HD ID ID</p>
	<p>KZfhklhyl_ejZhyZ klm^ihg]Zlh\dZ j_n_jZlZgZjg_fkl\h Deh^Z Fhg_a ©Hghj_ >hfv_ fZkl_j kZljbq_kdbo h[jZah\ ©L\hj_q_kl\h om^h`gbdZ :</p>	<p>1</p>	
<p>L_fZ lhklbfij_kkb af G_hbfij_kkb f</p>	<p>Kh^_j`Zgb_mq_[gh]h fZI_jbZeZ 1. lhklbfij_kkbhgbaf Wlh ©gh\u_ bfij_kkbhgbklu^a hgb djZkdb gZghkbeb gZ ohekl f_edb_lhqdb hkgh\guo p djZkgh]h gZdeZ^u\Zy bo ^jm] gZ ^jm]Z =eZ\gufb ij_ @hj`KzjZ b lhev Kbgvy@ JZghZmiZgb_ \ :gv_j_ ^a ©<h ihke_ ihem^gy gZ hkljgZll^ejZg^bjd^a b ^jm]b_ JZ[hlu</p>	<p>1</p>	<p>HD. HD ID ID</p>

	<p>©=Z\Zgv \ FZjk_e_a ©KhkgZ^a b ^jm]b_ G_hbfij_kkbhgbaF Mkeh\ghklv l_jfbgZ lhev K_aZgg klj_fe_gb_ i_j_^Zlv fZI_jbZehg hklv ihklhygkl\h nhjfu ij bkihevah\Zgb_ p_lZ ^ey wlbo p_e_c ©:\lhihjij_l^a ©; y[ehdZfb b Zi_evkbgZfb^a b ^jm]b_ <Zg =h] ^jZfZlbaF ijhba_^_gbc ijhl_kl ijhlb\ g_ihkbevgh jh_ljmgZq kpb\he i_caZ`gZy `b\@ilbkkheg_qgdbb^a ©lhjij_l^hdihjZ =Zr_a \bgh]jZ^gdbb^a ©ljhih_^b^a ©Oe_[Z b dbeZj_bku^a @jhmkk imlb q_eh_d dZd qZklv ijbjh^u b _z kh_jr_gg_cr__ k ^_dhjZlb\ghklvf_ghZevghklv p_lh_u_ iehkdhklb dhglj fmaudZevg@kZvlygdb^a ©@_gsbgZ ^_j`ZsZy ieh^a @_ ^jm]bL\hj_q_kl\h :gjb ^_Ebmjeda?h jZ[hlu ©Wlb ij_djZk ©LmZe_l^a ©LZgpmxsZy @ZggZ :\jbeSBpWlZdijhZulZg dehmgub l ^</p>		
	<p>KZfhklhyl_evGZy jZ[hIZ klm^_glZ lh^]hlh\dZ j_n_jZIZ©hZkH[fngghklb l\hj_q_kdh]h f_lh^Z =m</p>	2	
	<p>JZa^_e 9,, Bkdmkkl\h <hklhdZ :f_jbdb b :njbdb</p>		
<p>L_fZ Bkdmkkl\h E DbIZy Yih</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ DjZldbc h[ahj bah[jZabl_evgh]h bkdmmkl\Z Bg^bb Db bkdmmkl\Z Bg^bb :jobl_dlmjZ dmevlh_u_ iZfylgdbb >j b klhefklZf[ob kdZevgu_ ojZfu jZ]Zgkh\hjZkthjmb` [gbc Kj_^g_dh\vy ojZfu fZ\ah_e_b f_q_lb fbgZj_lu-XIX]jZ^ _dh\ KdmevilmjZ ^j_gb_ j_ev_nu b djm]eZy kdmevilmjZ ex b kbf\hebdZ \ ihklZgh\d_ nb]mj \ kdmevilmj_ Kj_gg_y_c fhgmf_glZevgZy i_s_jgZy `b\hibkv j_eb]bhaghc l_fZlbd fhgmf_glZevgu_ jhkibkb ^\hjph\ b fbgbZlxju Kj_^g_d 2. Hkh[_gghklb bkdmmkl\Z DbIZy :jobl_dlmjZ ^j_gb_]h h[g_k_ggu_ kl_ghc dZjdZkgZy kbkl_fZ^ih_klg_b_ddZk_dongu [jhgah_u_ bah[jZ`_gby a_j_c b [h`_kl\ fhgmf_glZevgZ ieZklbdZ Kj_^g_dh\vy @b\hibkv \Zahibkv klZgdh\Z r_edbah[jZ`_gb_ ^jZdhgh\ b a_j_c i_caZ` `Zgj ©p_lh\ b ilbp^a em[hd Hkh[_ggkh bkdmmkl\Z Yihgbb :jobl_dlmjZ pZjkdb_ dm fhgZklujb iz]h^u b ojZfu</p>	2	<p>HD. HD ID ID</p>

	ih dbIZckdbf h[jZapZf ojZfh\u_ [m^^bckdb_ b `beu_ yihgkdb_ kZ^u KdmevilmjZ ^j_\gyy ih]j_[ZevgZy ieZk ZelZj_ dhfihabpbb fhgmf_gIZevgu_ bah[jZ`_gby ;m^^u kdmev aZjm[_`guf l_q_gbyf \ gh\h_ \j_fy @b\hibkv jhkibkb ^ kj_^g__dh\u_ bdhgu ^_dhjZlb\gZy i_caZ`gZy `b\hibkv		
	KZfhklhyl_ evgZy jZ[hIZ klm^_glZ ih^]hlh\dZ ^hdeZ^h\ b khh[Kgh\gZgZy YihgkdZy jZr ih^]hlh\dZ j_n_jZlh\ gZ l_£uj_ @BdwpZgZnkkkl\h khkIZ\e_ dhfihabp Bkdmkkl\h wmbz	1	
L_fZ Bkdmkkl\ :f_jbdb b :njbdb	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ DmevilmjZ >j_\g_c :f_jbdb jZkijhkljZg_gb_ dmevIIVII_ _dZo H[sb_ k_^_gby h nhjfbjh\Zgbb b jZa\bibb bah[j bkdmkkl\Z :f_jbdb :jobl_dlmjZ ibjZfb^u ojZfu ^\hjpu :f_jbdb lhgylb_ h ^j_\gbo ZnjbZgkdbo dmevilmjZo G_dhlhju jZa\bibb bah[jZabl_evgh]h bkdmkkl\Z ljhqb_kdhc :njb KdmevilmjZ fhgmf_gIZevgZyZkljZzh\Zg_c :njbdb [jh q_eh_q_kdb_ nb]mju b kdmevilmjgu_ ihjl_lu k lhgdhc ^_j_\yggZy ieZklbdZ jblmZevgu_ fZkdb kh\j_f_ggZy i	2	HD. HD ID ID
	JZa^_e ; Jmkkdh IXb;Kd,m,kkl\h		
L_fZ >j_\g_jmkk bkdmkkl\ .	Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ K\yav ^j_\g_jmkkdh]h bkdmkkl\Z k j_eb]b_c b bklhjb dmevilmjhc \hklhqghkeZ\ygdbo ie_f_g <baZglbb AZiZ Bklhjbq_kdb_^p_\gljymkkdhc dmevilmju i_jbh^baZpby bah[jZabl_evgh]h :jobl_dlmjZ fhgmf_gIZevgu_ ^\hjph\u_ ihkljhcdb ba ^_ <eZ^bfbj_ Gh\]hjh^_ fhgZklujb khq_IZgb_ jZ`^Zgkdh h^ghf dhfie_dZf[eZgkj_fey \ Fhkd_ KdmevilmjZ ^_dhj iehkdbc j_aghc j_ev_n kdmevilmjgu_ fZkdb @b\hibkv fhaZbdZ b nj_kdb \ ojZfZo ijZ\beZ bdhgh]jZ j_Zevghklv h[jZah\ bdhghibkv l\hj_q_kl\h : Jm[e_\Z N dhklxf Dhklxf ^j_\gbo \hklhqgu_a;kAZ\ygh\xf Db_\kdhc Jmkb i_jbh^;,, \	2	HD. HD ID ID

<p>L_fZ :jobl_dlmjz kdmevilmj] Kl_l_j[mj]</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ :jobl_dlmjZ E_lgbc kZ^m^:h`Z^k\fbbyf_gb B ? J_ibgZ ;Z NjZgq_kdh JZklj_eeb Abfgbc ^\hj_p KdmevilmjZ ;Zjlhehf_h DZjeh JZklj_eeb N_h^hkbc Nz NZevdhg_ >\hjphiZjdh\u_ ZgkZf[eb \ hdj_kllg_h k]j[mj]kZgdll_j]hn Fhgie_abj WjPbZk^dh_ k_eh lZ\eh\kd :jebll_djll[mjj]ZK ZG gh\h]h wLziZ \ jZa\blbb jmkkdh]h bkdmkkl\Z j]Z^hkljh \ k\yaZgh k l\hj_q_kl\hf lZeZgleb\h]h Zjobl_dlhjZ :g^j_ DZaZgkdbc kh[hj :A^ZgZbZj:fbjZel_ckl\Z D B Jhkkb ^\hj_p A^Zgb_]eZ\gh]h rIZ[Z H J Fhgn_jjZg Z\lhj BkZZdb_\kdh]h kh[hjZ LjbmfnZevgZy iehsZ^b \ q_klv ih[_^u \ \hcg_]h^Z</p>	<p>2</p>	<p>HD. HD ID ID</p>
<p>L_fZ :jobl_dlmjz kdmevilmj] Fhkdu</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ :jobl_dlmjZ Fhkdu Fhkdh\kdbc Dj_fev Kh[hjgZy iehs :joZg]_evkdbc_k^h]g]ba kZfuo djZkb\uo kh[hjh\ Fhkdh\k gZqZe_ ;9, \ B\Zg ,,, j_rbe ihkljhblv ojZfkud Z ehvjgucpk_e fhkdh\kdbo dgya_c Dhehdhevgx B\ZgZ <_ebdh]h aZeh lhevdh \ Bd]ghibkv BdhgZ BdhghklZk L\hj_q_kl\h :g Jm[e_\Z :jobl_dlmjZ Fhkdu >fblijbc <Zkbev_\BqZ]b\bf ;Z`_gh\ >hf l ? lZrdh\Z \ Fhkdu_ FZI_c N_^hjh\bq DZaZdh\ A Hkbi B\Zgh\bq ;h_ J_dhgkljmdpbyK D]jZekvg]hmjZehBZZp l FZjlhk lZfy]lgbD D F Fbgbgm b dgyax > F lh`Zjkdhfm Jmkkdbc dhklxf ;9,,, \-oD]hklxf</p>	<p>2</p>	<p>HD. HD ID ID</p>
<p>JZa^_e ; Bkdmkkl\h Jhkkbb i_j\hc iheh\bgu ;;; \</p>			
<p>L_fZ Om^h`gdbb \ :jobl_dln Kdmevilmj @b\hibk\hj _kl\h om^h`gdbb</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ B\Zg GbdheZ_\bq-DjZfkldhc i_j_^\b`gbq_kl\Z _\Zg]_evkdb_ kx`_lu ©Ojbklhk \ imklug_`a ihjlj_lgZy Lhek]h]h^ G_ba_klgZy^ b ^j R_^_ju bklhjbq_kdhc ` lZdb_ dZd ©lhke_`gbc ^_gv lhfi_b^ b ^j GbdheZc Gbd =_ _\Zg]_evkdZy l_fZl\bdZ^m^h`hg`p`dZl ©LZcgZy _q_jy^ bklbgZ" ^ ihjlj_lgZy `b\hibkv bklhjbq_kdb_ kx`_lu ©l :e_dk_y l_ljh\bqZ \ l_l_j]hn_`a ikboheh]baf ijhba_^_g N_^hlh\ djblbq_kdbc j_Zebaf</p>	<p>2</p>	<p>HD. HD ID ID</p>

	<p>\`Zgjh\hc`b\hibkb om^h`gbdZdZ\Ze_j^a ©JZa[hjqb\Zy ©K\Zih\kl\h fZchjZ^a ©:gdhj b ;s[eZgddp^bk^j]_lu b]mfZgbklbq_kdb_ b^_b \ \hj_q_kl\ :e_dkZg^jZ :g^j__\b B\Zg DhgklZglbgh\bq :d]Zah\klghod b kh\j_f_ggbd i_caZ hkghZg l_fZ \hj_q_kl\ZzqZ fhjkdh]h ijhklhjZ ©>_yluc \ lh^]hlh\dZ j_n_jZIZ©gZ_lgwgZy `b\hibkv Kbev_kljZ S_ ©L\hj_q_kl\h om^h`gbdZ GbdheZy GbdheZ_\bqZ =_a ©J</p>		
	JZa^:_e Bkdmkkl\h Jhkkbb \lhjhc iheh\bgu ;,; b gZqZeZ		
<p>L_fZ Om^h`gbd i_j_^b`gbd hc iheh\b XIX \</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ Ebjbq_kdb_ i_caZ`Dhg^jZklty\bqZ KZ\jZkh\Z ©=jZqb i ©ljhk_ehd^a ©>\hjbd AbfZ^a b ^j l_caZ`gZy `b\hibkv]_jhbq_kdb_ i_caZ`b B\ZgZ B\Zgh ©Mljh \ khkgh\hf e_km^a ©Kkhkgh\uc [hj^a BkZZd Bevb i_caZ`bfij_kkbhgaf ©;_j_ah\Zy jhsZ^a ©M hfmlZ^a © hk_gv^a ©<_q_jgbc a\hg^c inoæZkh©GZ^ _qguf ihdh_fa B\Zgh\bq Dm]g^Zglbq_kdbc oZjZdl_j i_caZ`guo ihehl_g jhsZ^a ©<_q_j gZ MdjZbg_ a Bevy ?nbfh\bq djmbg_crbc om^h`Zebkl ihjlj_lgZy `Zgjj i_caZ`gZy bklhj_bq_kdZy `b\hibkvkwdZ^ab h_eevghklv ihehl ©;mjeZdb gZ <he]_a ©G_`^Zeb^ku©B\Zg B\Zhg gu ghy[jj F l Fmkhjkdh]h^a ©Azimljhibkwfh lmj_pdhfm kmeIzgm^a <bdlhj FboZceh\bq <Zkg_ph\ `Zgjh\Zy B\Zgh\ :e_dkZ ZdZfbq_kdbc i_jbh^ \hj_q_kl\Z ijhgbdgh_gb_ \]em[bc objklbZgkdh]h fbnZ ie_gwjgZy `b\hg^Zvklb^ggh^lmoh\gh kh_jr_gkl\h\Zgby q_eh_q_kl\Z \ fhgmf_gIzevghf iheh</p>	2	<p>HD. HD ID ID</p>
<p>L_fZ1.2 L\hj_q_kl\h om^h`gbdh i_j_^b`gbd wihoZ fh^_</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ <Zkbebc B\Zgh\bq Kmjbdbh\]em[hdbc bgl_j_k d kh[ulb klj_e_pdhc dZagb^a ©;hyjugy FhjhaH\Z^a ©FZg^b^ebch\ \ >fbljb_\bq lheom^h`gbd `Zgjh\uo b i_caZ`guo ihehl_g ©;Z[mrdbg kZ^a ©Fhkdh\kdbc ^\hjbd^a Z IZd`_ bklhj]j_rgbpZ^a <Ze_glbg :e_dkZg^jh\bq K_jh\ jZaghh[jZab_ `Zgjh\ ih dgy]bgb 2 . Hjeh\hc A G Xkmih\k b dZ^a\hm dZmk]bi_ b</p>	2	<p>HD. HD ID ID</p>

	<p>b Zglbqgu_ kx`_lu ©l_lj ,^a ©lhobs_gb_ ?\jhiu^a baf_ yaudZ hl bfij_kkbhgbaFZ d fh^_jgm l hehlgZ gZ [b[e_ F < G_kl_@<Z^_gb_ hljhdM <Zjnhehf_x^a ©lj_ih^h k@bc ©Nbehkhnu^a DhgklZglbg :e_dkj_^\kqZ\ Dhje\vb gmkkdh]h bfij_kkbhgbaFZ ©IZjb`^a ©IZjb` _q_jhf^a ihjlj_lu ©lhj [ZedhgZ^a gZlxlfhijlq_kl\h FboZbeZ :e_dkZg^jh\bqZ <jm k\h_h[jZagZy fZg_jZdbb_klfhjbq_kwdahlbq_kdb_ l_fu fbn ©>_fhg ih_j`_gguc^a ©>_fhg kb^g_spc^v^a©RZZ_g^gZ©D g <ebygb_ klbey fh^_jg gZ dhklxf</p>		
	JZa^_e, Fbjh\h_ bkdmmkl\h ;,; _dZ		
<p>L_fZ Dm[baf\ba ljbfb\l\baf NmlmjbaF =bii_j_Zeb</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ ljbfb\l\baf L\hj_q_kl\h Dm\lmbkkl\hj_q_kdb_ aZ^Zqb IZ[l\hj_q_kl\h iZggh ©=_jgbdZ^a ©:\bgvvhgkdb_ ^_mrdb^a kha^Zgb_ Wnrkljchl Z [evdZxs_]h ^\b`_gby Jmkkdbc om^h`gbd FboZbe EZjbhgh\ ©j E@qba\fb^a^N h\ Bkihevah\Zeb lhev dh qbkl_u_ p_IZ:gh bd ZZZebk vnhj Z g p g b om^h`gbd jeZ\Z nh\bafZ ©LZg_p^a ©JZ^hklv `bagb^a FZ^Zf FZl bkk^a b ^jm]b_ =bi_jj_Zeba@ k\lj_b^aj]h]gdp_kba Zdjb eh\ufb djZkdZfb KdmevilZdj_b ehklievdj_zkydb b kl_de kha^Z\Zeb kdmevilmj</p>	2	<p>HD1. HD2 ID ID</p>
<p>L_fZ Kxjj_Zeba</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ Kxjj_Zebafo-80-o]h^h\ L\hj_q_kl\h KZev\Z^hjZ >Zeb mo j_Zevghklb [j_^Z kgh\b^_gbc ©lueZxsbc `bjZn^a ©lh ©KljZggu_ b]ju^a J_g_ [F_Zj]Zj_b kldbc om^h`gbd -kxjj_Zebkl Kha^Z\ZebklhZagpibh wlbq_kdb_ _ ^_gby ij\ujZ`Z\rb_ k\yab f_`^m h[jZaZfb j_Zevghklvx yaudhf ih^]hlh\dZ ^hdeZ^h\ b khh[s_gbc gZ l_fm ©L\hj_q_kl\h < DZgabgkdh]h^a ©Kbf\hebaf \ l\hj_q_kl_ om^h`gbdh\ ©</p>	2	<p>HD1. HD2 ID ID</p>
	<p>KZfhklhyl_ evgZy jZ[hIZ klm^_gIZ lhk_s_gb_ fma_y</p>	1	<p>HD1. HD2 ID ID</p>
<p>L_fZ Klbeb b gZijZ\e_gb</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZI_jbZeZ :[kljZdpbhgbaf Bkihevah\Zgb_ q_ldbo]_hf_ljbq_kdbbc dZjlbgu Om^h`gbdb < DZgabgkdbc lbl FZg^jbZg IZ</p>		<p>HD1. HD2 ID</p>

<p>bkdmkkl\ :[kljZdpbhg LZrbaf >Z^ lhiZjl +Zjl K_glbf_glZe JhfZglbaf J_Zebaf GZlmjZeba GZpbhgZev klbea@se^\ dmevlh\hc]jZ`^Zgkdh Zjobl_dlm</p>	<p>^j >Z^Zbaf FZjk_ev >xZZlg khidjZs_ggh_ Zg]ebckdh ©hilbq_kdh_ bkd@kklhRhvi- ZjlZdhfihabppb ba h^ghjh^g gh jZaghp_lguo ebgbc b iyl_g jZkiheZ]Z_fuo \ hij_^ `b\hibkv ©hilbq_kdh]h bkdmkkl\Z^ \ua\ZeZ bgl_j_k d g \ om^h`_kl_gghc ijhfure_gghklb ^baZcg_ Zpbk h Zjhd ijbf_gyxiky \ Zjobl_dlmj_]h^Zo <bdlhj <ZaZj_eeb h iZjb`kdh]h ijb]hjh^Z Zjba fchl njZgpmakdh]h WDFKH ©i L_fi_jZf_glgZy `b\jhiackv_ fZadb b [jua]b yjdbo djZkhd lhiZjl SRXGDZkDUW_ bkdmkkl\h Wg^b Mhjohee © D_fi[_ee^a ©F_jbebg^a DeZk kZpb fOD\Za\FXWk lbev b gZijZ\e_gb_ \ bkdmkkl_ b ebgZjZmZ_;;9\, hagZf_g \ha\jZs_gb_ d Zglbqghfm gZke_^bevgZmdm h]hZfapm b^_Z K_glbf_glZe bafhl nj VHQWLEPHQW hom^h`_kl_ggh_ l aZiZ^gh_l]hi_ckdhf b Zf_jbdZgkdhf bkdmkkl_ b ebl_jZ \ JhfZglbafjhdh_ b^_cgh_ b om^h`_kl_ggh_ gZijZ\e_ dmeylm ho\Zlbr__ kj_^Z \b^u bkdmkkl\Z b]mfZgb]Zj gZqZe_ ;; \ J±Zleba^ha^g_eZl±\U bDKOLvgguc ^_ckl\be l_jfbg wkl_lbdb hlgkysbcky ij`^_ \k_]h d ebl_jZ bkdmkkl\m GZlmjZebmatura hlijeh^Z± l\hj_q_kdh_ gZijZ\ ebl_jZlmj_ bah[jZabl_evghf bkdmkkl_ l_Zlj_ dbgh ;; \ Fh^_jgblf nj PRGhUQUt gh_crbc kh\j±khghgdmig wkl_lbq_kdbo rdhe b l_q_ggZqZbZpZ ;;;</p>	<p>2</p>	<p>ID</p>
<p>Kbgl_a \ bkdmkXX\ _dZ</p>	<p>Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ <_ebdZy Hdly[jvkdZy khpbZevgZy j_\hexpby ^_dj_lu =jZ`^ZgkdZy \hcgZ AZdjulb_ p_jd_c <hagbdgh_gb h[t^bg_gbc om^h`gbdh\ - fZklZp]hghgkdmkkl\h @b\hibk lheb]bq_kdbc ieZdZI ©HdgZ JhkIZ^a > K Fhhj < @ > j_\hexpbhggZy l_fZlbdZ \ `b\hibkb ; F Dmklh^b_ ©;hevr_bd^a F ; =j_dh\ ©LZqZgdZ^a ©Ljm[Zqb i_j\h ©H[hjhgz l_ljh]jZ^Z^a ©;m^k s]mevei]hujZdbPhgmf_glZeba kdmevilhjh\ K K :e_rbgZ B > RZ^jZ < B FmebgZg Hl_q_kl_ggZy \hlgZ_gg_z h \ kh_lkdhf bkd@kklh\bkv]jZnbdZ ©HdgZ L:KK^a ^_yl_e @b\hibkv [ZlZevgZy b :Zgjhgz ydZ K < =_jZkbfh\ ; © L\hj_q_kl\h : : leZklh\Z ©K_gghdhk^a ©<_kgZ^a ©NZrbk</p>	<p>2</p>	<p>HD. HD ID ID</p>

	<p>Kdmevjgm_ ihjlj_lu iZfylgdbd]_jhyf \hcgU L\hjQ_kl\h Dhg_gdh\Z :jobl_dlmjZ <hkkIZgh\e_gb_ jZajmr_gguo]hjh^h\ Ibih\u_ ihkljhc-dl_o @Zom_kghZ y j_\hexpby b Wkl_ ^bkdmkkk60-o]h^h\ Hlghr_gb_ d ©i_j_kljhcd_a 20-ckt_a^ DIKK b _]h \ebygb_ gZ jZa\bib_ bkdmkkl\Z O FZg_`_ Fhkd\Z]h^ @_b\hjZajr_klb^_kylgbdh\^a H[t^bg_gb_ om^hob_dhlmjZ =jZ^hkljhbl_evkl\h kha^ jZchgh\ gh\u_ hq_j_^bgf\ljhukkbgu_ 90^Zgh_yu ;; _dZ JZkdj_ihs_gb_ h[s_kl\Z b dmevlmju Luky@_be_hlib_kdj_s Fgh]hh[jZab_ b kZfh[ulghklv om^h`_kl_gguo rdhe ihb JZaghh[jZab_ l_f b klbe_\uo gZijZ\e_gbc J_Zebaf :\Z L\hjq\k B =eZamgh\Z : Rbeh\Z H ;mejZdh\hc b ^jm <bjlmZevgh_ bkdmkkl\h <uklZ\db om^h`gbdh\ \ FZg_`_ Wkl_lbq_kdb_ b^_Zeu djZkhlu q_eh_dZ ;; _d hlebqb <ebygb_ bklhjbq_kdhc ijbq_kdb gZ kfhj^uf_gigbx_kjZa\b</p>		
<k_]h		q	

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

Lj_[h\Zgby d fbgbfZevghfm\ZlgjhZkdgh h[_ki_q_gbx
>ey j_ZebaZpbb ijh]jZffu mq_[ghiq_ ^yb k p b l j e g g u ke_^mxsb_ ki_ p
ihf_s_gby \ khhl_lkl\bb k N=HK b HIHI
- dZ[bg_l hkgZs_gguc h[hjrh^hgZgbifkZ^hqqgu_ f_klZ ^ey h[
ij_ih^Z\ZI_ey deZkkgzY ^hkdZ gZ]eyogbg_kfZb_jbZj_u^kl\Z h[
bgl_jZdlb\gZy ^hkdZhfijhxd_lhj
- dZ[bg_l ^ey kZfhklhyl_evghc jZ[hlu

3.2. BgnhjZpbhggh_ h[_ki_q_gb_ h[mq_gby
>ey j_ZebaZpbb ijh]jZffu [b[ebhl_qguc nhg^ h[jZah\ZI_ev
i_qZlgu_ we_dljhggu_ h[jZah\ZI_evgu_ b bgnhjZpbhggu_ j_k
h[jZah\ZI_evghf ijhp_kk_

3.2.1. Hkgh\gu_ bklhgqgdb

1. :]jZlbgZ ? ? Bklhjby aZjm[_`gh]h b jmkkdh]h bkdmmkl\Z O
^ey kj_^g_]h ijhn_kkbhgZevgh_ h[jZah\ZI_evgh_ ? ? ^ :FjZkbgZ Ba^ZI_evkl\h X
2021.² k² ljh_n_kkbhgZevgh_ h[jZah\ZI_evgh_ ISBN 9785-534-05785
0. ² L_dkl we_dljhggu W;K URL: <https://www.biblioonline.ru/book/istoriyaiskusstevpohi-obrazy441304>

2. Bklhjby bkdmmkl\ Wihob b h[jZau ^eyqKIHihkE F <Zgxrdbg
Lbohfbjh\ B B DmjZdbgz E Fhkd\ZljbBa^ZI_evkl\h XjZcl k²
K_jby ljh_n_kkbhgZevgh_ ISBN 9785-534-071658. ² L_dkl we_dljhggu
XjZcl >kZcl URL: <https://www.biblioonline.ru/book/istoriyaiskusstevpohi-obrazy441304>

3.2.2 >hihegbl_evgu_ bklhgqgdb

Rmev]bgZ > l Dmevlmjgh_ b ijbjh^gh_ gZke^b_ Jhkkbb m
Rmev]bgZ H < Rmev]bgZ bkij^bFhkd\Z Ba^ZI_evkl\h XjZcl k
² K_jby ljh_n_kkbhgZevgh_ h[jZah\ZI_evgh_ ISBN 9785-534-110647. 2. AZ\Zjbobg K
:jobl_dlmjZ \lhjhc iheh\bgu ; ; _dZ mq_[gbd ^ey2KIHba^K bkiAZbZj
² Fhkd\Z Ba^ZI_evkl\h XjZcl k² K_jby ljh_n_kkbhgZevgh_ h[jZah\ZI_evgh_
ISBN 9785-534-08804 AZ\Zjbobg K JZ:ijobhcdlimh\bgu ; ; _dZ mq_
KIH K I AZ\Zjbobg^ bkij^bFhkd\Z Ba^ZI_evkl\h XjZcl k²
K_jby ljh_n_kkbhgZevgh_ ISBN 9785-534-091717.

3.2.3 We_dljhggu_ ba^Zgby

1. :]jZlbgZ ? ? Bklhjby aZjm[_`gh]h b jmkkdh]h bkdmmkl\Z O O
KIH ? ? :]jZlbgZ Fhkd\Z Ba^ZI_evkl\h XjZcl k² K_jby
ljhn_kkbhgZevgh_ h[jZah\ZI_evgh_ ISBN 9785-534-057850. ² L_dkl we_dljhggu
XjZcl >kZcl URL: <https://www.biblioonline.ru/book/istoriyaiskusstevpohi-obrazy441304>
hh-veka439051.

2. Bklhjby bkdmmkl\ Wihob b h[jZau mq_[ihkh[b_ ^ey KIH
Lbohfbjh\ B B DmjZdbgz E Fhkd\ZljbBa^ZI_evkl\h XjZcl k²
K_jby ljh_n_kkbhgZevgh_ h[jZah\ZI_evgh_ ISBN 9785-534-071658. ² L_dkl we_dljhggu
W;K XjZcl >kZcl URL: <https://www.biblioonline.ru/book/istoriyaiskusstevpohi-obrazy441304>.

3. BevbgZ L < Bklhjby bkdmkkl\Z mq_[gbd^ey KIH K^IL_j < Bev
 Fhkd\Z Ba^ZI_evkl\h XjZcl k^2 K_jby ljh_n_kkbgzhjZah^Z ISBN
 978-5-534-107791. ^2 L_dkl we_dljhguc W;K XjZcl https://www.biblio
 online.ru/book/istoriyaskusstva431512. 4. BevbgZ L < Bklhjby bkdmkkl\Z AZiZ
 :glbqghklb ^h gZrbo ^g_c mq_[gbd^ey KIH K^IL_j < BevbgZ L < Bklhjby
 ^hi^2 Fhkd\Z Ba^ZI_evkl\h XjZcl k^2 K_jby ljh_n_kkbhgZevgh_2h[jZah
 ISBN 9785534073188. ^2 L_dkl we_dljhguc W;K XjZcl URL:>kZcl
 https://www.biblioonline.ru/book/istoriyaskustvazapadnoyevropyot-antichnostido-nashihdney
 441498. 5. BevbgZ L < Bklhjby hl_q_kl_ggh]h bkdmkkl\Z HI dj_s_
 lukyq_e_lby mq_[gbd^ey KIH L < BevbgZ L < Bklhjby hl_q_kl_ggh]h bkdmkkl\Z
 Ba^ZI_evkl\h XjZcl k^2 K_jby ljh_n_kkbhgZevgh_2h[jZah ISBN 9785534_
 073195. ^2 L_dkl we_dljhguc W;K XjZcl URL:>kZcl@
 https://www.biblio-online.ru/book/istoriyatechestvennogiskusstvaot-krescheniyarusi-donachala
 tretegotysyacheletiya441500.

x

DHGLJHEV B HPJ?AM:EVl:LH< HK<Y?MGB?;GHC >BKPBIEBGU
 Dhgljhev b hp_gdZ j_amevlZlh\ hk\h_gby mq_[ghc ^bkl
 ij_ih^Z\ZI_e_f \ ijhp_kk_ ijh_^_gby ijZdlbq_kdbo jZlghylbc
 l_klbjh\Zgby Z lZd`_ \uiheg_gby h[mqZxsbfby bg^b\b^mZe
 bkke_^h\Zgbc

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Hk\h_ggu_ mf_gby	
- jZa\bib_ ebqghklb \ i_jbh^ j __ ^mo_gjZkl_gghc b ihek dmevlmju khpbZevgh]h ih_^_ gZ m\Z`_gbb ijbgyluo \ h[s kihkh[ghklb d ebqghfm kZfhf kZfhj_ZebaZpbb - \hkiblZgb_]jZ`^Zgkdhcgghk gZpbhgZevghc b^_glbqghklb ijb_j`_gghklb]mfZgbklbq_ ^_fhdjZlbq_kdbf p_gghklyf a Dhgklblmpbb Jhkkbckdhc N_^_	JZaj_r_gb_ ijh[e_fgguo kblmZ H[km`^_gb_ ^bkdmkkbhgguo >bkdmkkby k wfh^_glZjfb\Zgb ljh[e_fgijh_dlgZy ^bkdmkkby
Mk\h_ggu_ agZgby	
- h\ez^_gb_ kbkl_fhc agZgbc kn_jZo g_h[oh^bfuo ^ey \aZbfh^_ckl\by k khpbZevgh \uiheg_gby lbibqguo khpbZe q_eh_dZ b]jZ`^ZgbgZ - h\ez^_gb_ mf_gb_f ihemqZlv khpbZevgmX bgnhjZpbx hk\h ihagZ\ZI_evghc dhffm ijZdlbq_kdhc ^_yl_evghklb g mqZklby \ `bagb]jZ`^Zgkdh]]hkm^Zjkl\Z - nhjfbjh\Zgb_ hiulZ ijt ihemq_ggagZgbc b mf_gbc ^e lbibqguo aZ^Zq \ h[eZklb hlghr_gbc]jZ`^Zgkdhc b ^_yl_evghklb f`_`ebqghklguo hlghr_gbc f`^m ex^vfb gZpbhgZevghkl_c b _jhbkih_` [ulh\hc kn_j_ - ^ey khhlg_khgb^kckl\bc b ^jm]bo ex^_c k ghjfZfb mklZgh\e_ggufb aZdhghf	<b^u hijhkZ njhglZevguc hijhk bg^b\b^mZevguc hijhk ibkvf_gguc hijhk L_klbjh\Zgb_ Bg^b\b^mZevgu_ aZ^Zgby

<p>Hk\h_ggu_mf_gby</p> <p>x ZgZebabjbkZhybq_kdb_ hkh wihob</p> <p>x ZgZebabjh\Zlv ijhba_^_gb bah[jZabl_evgh]h bkdmkkl\ b `Zgjh\u_ hkh[_gghklb</p> <p>x hjb_glbjh\Zlvky \ jZaebqgu gZijZ\^e_gbyo aZjm[_`gh]h bah[jZabl_evgh]h bkdmkkl\ x ijbf_gylv fZl_jbZe ih bklhjb bah[jZaevgh]h bkdmkkl\Z \\ ijhn_kkbhgZevghc ^_yl_evgh</p>	<p>x mklguc hijhk</p> <p>x ^hfZrgb_ aZ^Zgby</p> <p>x mklguc hijhk</p> <p>x ^hfZrgb_ aZ^Zgby</p> <p>x kZfhklhyl_evgy jZ[hIZ</p> <p>x mklguc hijhk</p> <p>x ^hfZrgb_ aZ^Zgby</p> <p>x kZfhklhyl_evgy jZ[hIZ</p> <p>x mklguc hijhk</p> <p>x ^hfZrgb_ aZ^Zgby</p>
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