

Hkgh\gZy ijhn_kkbhgZevgZy h[jZah\ZI_ evgZy ijh]jZffZ jZ
N_^_jZevgh]h]hkm^Zjkl_ggh]h h[jZah\ZI_ evggh]N=HKKZg^ZjIZ
ki_pbZevghklb kijh^gk]hbgZevgh]h h[jZah\Zgby >baZcg
ml_j`^_ggh]h ijbdZahf Fbgbkl_jkl\Z ijhk_s_gby JN < hl gh
hl \oh^ys_c \ khklZ\ mdjmig_gghc]jmiiu ki_pb
Bah[jZabl_ evgh_ b ijbdZahf Fbgbkl_jkl\Z ijhk_s_gby JN < hl gh

J:KKFHLJ?GH
gZ aZk_^Zgbb l_^Z]h]bqHQM]@=kD^hZ he < hl]

JZajZ[h]bW ev^Zj[b_Z KZibyl ±bjf_ih^Zg\ZI_ @MI@=fD

J_p_ga_glu

->ZfZ^Zgh\Z KZBAZghijghZ_kkdji g >=IM O=N
DZn_^jZ >IB b f_lh^bd_ ij_ih^Z\Zgby

-HfZjh\ FZ]hf_^ FZ]hfijh\kkhj 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 IJHN?KKBHG:EVG
FH>MEY
2. J?AMEVL:LU HK<H?GBN?KKBHG:EVGH=H FH>I
3. KLJMDLMJ: B KH>?J@:GB? IJHN?KKBHG:EVG
FH>MEY
4. MKEH<BY J?:EBA:PBB IJHN?KKBHG:EVGH=H
5. DHGLJHEV B HP?GD: J?AMEVL:LH< HK<H?GB
IJHN?KKBHG:EVGH=H FH>MEY
6. :>:IL:PB Y J:;HQ?C IJH=J:FFU IJB H;MQ?GBB EBP
H=J:GBQ?GGUFAFH@GHKLYFB A>HJH<VY
7. EBKL I?J?ML<?J@>?GBY :DLM:EBA:PBB J:;HQ?C
IJH=J:FFU >BKPBIEBGU

- kbkl_fZlbabjmxsb_ f_lh^u nhjfh[h]Zah\Zgby fh
dhf[b]gZlhjbdm
- ij_h[jZamxsb_ f_lh^u nhjfh[h]Zah\ZgbyZgklb_bpfZpdx
- aZdhgu kha^Zgby p_lh\hc]Zjfhgbb
- l_ogheh]bx ba]hlh\^e_gby ba^_eby
- ijbgbpiu b f_lh^u wj]hghfdb

1. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkibIZgby

EJ HkhagZxsbc k_[y]jZ`^Zgbghf b aZsblgbdhf _ebdhc kljZ
EJ ljhy\eyxsbc Zdlb\gmx]jZ`^Zgkdmx ihabpbx ^_fhgkljbjmxs
ijbgbpiZf q_klghklb ihjy^hqqghklb hldjulhklb wdhghfbq_kdb
\ klm^_gq_kdhf b l_jjblhjbZevghf kZfhmijZ\^e_gbb \ lhf
^h[jh\hevq_kl\Z ijh^amevlZlu^_ckl\mxsbc b mqZkl\mxsbc \ ^
h[s_kl_gguo hj]ZgbaZpbc
EJ Kh[ex^Zxsbc ghjfu ijZ\hihgy^dZ ke^_mxsbc b^_ZeZf]j
h[_ki_q_gby [_ahiZkghklb ijZ\ b k\h[h^]jZ`^Zg Jhkkbb EJ
ijhy\^e_gbyf ij_^kZcbkkm[dmevlmj hlebqZxsbc bo hl]jmii k
^_bZglguf ih_^_gb_f >_fhgkljbjmxsbc g_ijbylb_ b ij_^mij_
hiZkgh_ ih_^_gb_ hdjm`Zxsbo
EJ ljhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ex^yf ljm^Z
kh[kl_ggh]jm^Z Klj_fysbcky d nhjfbjh\Zgbx \ k_l_hc kj_
ijhn_kkbhgZevgh]h dhgkljmdlb\gh]h @pbnjh\h]h ke^_Z^a
EJ >_fhgkljbjmxsbc ijb_j`_gghklv d jh^ghc dmevlmj_ bklhj
hkgh_ ex[\b d Jh^bg_ jh^ghfm gZjh^mxfZ^hbpjhm^gguo ijbgylb
p_gghkl_c fgh]hgZpbhgZevgh]h gZjh^Z Jhkkbb
EJ ljhy\eyxsbc m\Z`_gb_ d ex^yf klZjr_]h ihdhe_gby b]h
khpZevghc ih^^_j`d_ b \hehgl_jkdbo ^\b`_gbyo
EJ HkhagZxsbc ijbhjb_lgm p_gghklv ebqghklh[kd_egh mZb
qm`mx mgbdZevghklv \ jZaebqguo kblmZpbyo \h \k_o nhjfZo
EJ ljhy\eyxsbc b ^_fhgkljbjmxsbc m\Z`_gb_ d ij_^klZ\
wlghdmevlmjguo khpbZevguo dhgn_kkbhgZevguo b bguo
khozZg_gbx fghj`_ngbx b ljZgkeypb dmevlmjguo ljZ^bpb
fgh]hgZpbhgZevgh]h jhkkbckdh]h]hkm^Zjkl\Z
EJ Kh[ex^Zxsbc b ijhiZ]Zg^bjmxsbc ijZ\beZ a^hjh\h]h b [_a
kihjZ ij_^mij`^Zxsbc eb[h ij_h^he_Zxsbc aZ\bkbfbkklb h
ikbohZdlb\guo _s_kl\ ZaZjlguo b]j b l^ KhojZgyxsbc ikboh
\ kblmZlb\gh keh`guo beb klj_fbl_evgh f_gyxsboky kblmZpbyo
EJ AZ[hlysbcky h aZsbl_ hdjm`Zxs_c kj_^u kh[kl_gghc
lhf qbke_ pbnjh\hc
EJ jhy\eyxsbc m\Z`_gb_ d wkl_lbq_kdbf p_gghklyf h[e
wkl_lbq_kdhc dmevlmj
EJ ljbgbfZxsbc k_f_cgu_ p_gghklb]hlh\uc d kha^Zgbx k_
^_fhgkljbjmxsbc g_ijbylb_ gZkbeby \ k_fv_ moh^Z hljh^bl
hdZaZ hl hghr_gbc kh k\hfbf ^_lvfb b bo nbgZgkh\h]h kh^_j`

2. Ebqghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkibIZgby

hljZke_ufb lj_[h\Zgbyfb d ^_eh\uf dZq_kl\Zf ebqghklb
EJ <u[bjZxsbc hiebfZ_ kihkh[u j_r_gbygZevghkcbgZ^Zqgh\
m\Z`_ygd aZdZaqbdm ihgljZgby]h ih
EJ ljbgbfZxsbc b gkksbc klZg^Zjlu Zglb[m]jmipbh_gby
EJ ljhy\eyxsbc kihkh[ghklb dieZgbjh\Zgbx b _`_gbx

ij_^ijbgbfZI_evkdhc KlbylgZvlgkgh_ ihgbfZgbybjZkh[ex ghjf
 jhkkbckdh]h aZdhgh^ZI_evkl\Z
 Ebqgghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby
 km[t_dlhf Jhkkbckdhc N_^_jZpbb
 EJ KhojZgyxsbc gZphbgZnevgm x b^_glbqgghklv \ mkeh\byo ih
 h[jZah\ZI_evgh]h ijhp_kkZ
 3. Ebqgghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffu \hkiblZgby
 dexq_\ufb jZ[hlh^ZI_eyfb
 EJ >_fhgkljbjmxsbc kdjmime_aghklv i_^Zglbqgghklv \ ijhp_
 jZfdZo ijhn_kkbhgZevghc ^_yl_evghklb
 EJ ljbgbfZxsb Zdlb\gh_ mqZklb_ \ h[s_kl_gghc `bagb ij_
 j_]bhgZ \ dhlhjhf gZoh^blky ij_^ijbylb_ mqZklb_ \
 ijh_dIZo \g_^jy_fuo ij_^ijbylb_f \ kn_j_ ^baZcgZ
 EJ Kh[ex^Zxsbc ljm^h\mx wlbdb dmevlmjm ijb^_j`b\Zxsbc
 \gmlj_gg_]h MkZbZlpm\jh\hc wlbdb ij_^ijbylb
 4. Ebqgghklgu_ j_amevlZlu j_ZebaZpbb ijh]jZffulZghkjb hij_^_e_ggu
 km[t_dlhf]h[jZah\ZI_evgh]h ijhp_kkZ
 EJ ljbgbfZxsb ijZ\beZ \gmlj_gg_]h jZkihjy^dZ h[mqZxsboky
 qZklb \uiheg_gby h[yaZgghkl_c

J_dhf_g^nd_hfbq_kl\h qZkh\ gZ hk\h_gb_ jZ[hq_c
 ijhn_kkbhgZevgh]h fh^mey
 \k_]479qZkh\ \lhf qbke_
 fZdkbfZevghc mq_[glnfmgZ]xsa1263qZkZ \dexqZy
 h[yaZI_evghc Zm^pghjoglgZ]jmqadb h[mqZxsboky
 kZfhklhyl_evghc jZ[hlu h[m5BZxsZk]mkay_[ghc ijZ d186d bq Zk\
 ijhba\h^kl_gghc i#280lpZhb
 Blh]h\Zy Zll_klZpby ih JZajZ[hldZ om^h`d_hkgkljngd
 ^baZcg_jkdbo ijh_dlh\ ijhfure_gghc ijh^imdkpZgkbgj udf_lg
 dhfie_dkjh\h^blky \nhjf_d\ZebnbdZpbhggh]h wdaZf_gZ

J?AMEVL:LU HKB-Y?GHN?KKBHG:EVGFH-HMEY

J_amevlZlhf hk\h_gby ijhn_kkbhgZevgh]h fh^mey y\ey_lky
 \b^hf ^_yl_evghZkljZ[hldZ om^h`d_hkgkljngd
 ijh_dlh\ ijhfure_gghc ijh^mdpbbijhkljZgkgh_gguo dhfie_dkjh\
 qbke_ ijhn_kkbhgZevgufb ID b h[sfbf HD dhfi_l_gpbyfb

Dh^	GZbf_gh\Zgb_ j_amevlZIZ h[mq_gby
ID	JZajZ[Zlu\Zlv l_ogbq_kdh_ aZ^Zgb_ aZhdZzkgdZj_[h\Z
ID	ljh\h^blv ij_^ijh_dlguc ZgZeba ^ey-jZajZ[hldb ^baZcg
ID	Hkms_kl\eylv ijhp_kk ^baZcg_jkdh]h ijh_dlbjh\ ki_pbZebabjh\Zgguo dhfivxl_jguo ijh]jZff
ID	ljhba\h^blv jZkqglbwhhghfbq_kdh]h h[hkgh\Zgby ij_^

HD	<u[bjZlv kihkh[u j_r_gby aZ^Zq ijhn_kkbhgZevghc ^_ijbf_gbl_evgh d jZaebqguf dhgl_dklZf
HD	Bkihevah\Zlv kh\j_f_ggu_ kj_^kl\Z ihbkdZ BggZepfaZp bgnhjZpbhggu_ l_ogheh]bb ^ey \uiheg_gby aZ^Zq ij
HD	leZgbjh\Zlv b j_Zebah\u\Zlv kh[kl_ggh_ ijhn_kkbhgZ ebqghklgh_ jZa\blb_ ij_^ijbgbfZI_evkdmx ^_yl_evgh bkihevah\Zlv gby ih nbgZgkh\hc jjZfhlgkib \ jZaebqg
HD	Wnn_dlb\gh \aZbfh^_ckl\h\Zlv b jZ[hIzlv \ dhee_dlb\
HD	Hkms_kl\eylv mklgmX b ibkvf_ggmX dhffmgbdZpbx gZ mq_lhf hkh[_gghpblZ_evgh]h b dmevlmjgh]h dhgl_dklZ
HD	Ijhy\eylv jjZ`^ZgkldhIbq_kdmx ihabpbx ^_fhgkljbjh\Z hkhagZggh_ ih_^_gb_ gZ hkgh_ IjZ^bpbhgguo h[s_c p_gghkl_c
HD	Kh^_ckl\h\Zlv khojZg_gbx hdjm`Zxs_c kj_^u j_km agZgby h[baf_g_gbb debfZIZ ijbgpbiu [_j_`eb\h]h ijhba\h^kl\Z wnn_dlb\gh ^_ckl\h\Zlv \ qj_a\uqZcguo
HD	Bkihevah\Zlv kj_^kl\Z nbabq_kdhc dmevlmju ^ey kho mdj_ie_gby a^hjh\vy \ ijhp_kk_ ijhn_kkbhgZevghc ^_ ih^^_j`Zgby g_h[oh^bfh]h mjh\gy nbabq_kdhc ih^]hlh
HD	Ihevah\Zlvky ijhn_kkbhgZevghc ↑hklm^ZgkZpbgghfgZ b y audZo

3. KLJMDLMJ: B KH>?J@:GB? IJHN?KKBHG:EVGH=H FH>MEY

3 L_fZlBq_kdbc ieZg ijhn_kkbhgZevgh]h fh^mey

Dh^u ijhn_ kbhgZ vguo dhfi_ _gpb	GZbf_gh\Zgby jZa^_e ijhn_kkbhgZevgh]h fh^mey	<k_]h qZkh\ fZdk\ mq_[g gZ]jma ijZdlbd	H[t_f \j_f_gb hI_^_gguc gZ hk\ f_`^bkpbiebgZjgh]h dmjkZ dmj					ijZdlbdZ	
			<k_]h qZkh\ h\ qZ	\ q eZ[hjZlhjg jZ[hlu b ijZdlbq_kd aZgyIby qZkh\ h\ qZ	\ q dmjkh\ jZ[hIZ ijh_dl qZkh\ h\ qZ	<k_]h qZkh\ h\ qZ	\ q dmjkh\ jZ[hIZ ijh_dl qZkh\ h\ qZ	Mq_[g qZkh\ h\ qZ	ijhba\h^kl\ _g ih ijhnbex ki_pbZevghk qZkh\ _keb ij_^mkft jZkkj_^hIhq_ ijZdlbdZ
1	2	3	4	5	6	7	8	9	10
ID ±1.4	F>D >baZcjh_dlbjh\Z dhfihabpby fZd_lbjh\Z kh\j_f_ggu_ dhgp_ipbb	104	90	64		14	-		72
ID ±1.4	F>D Hkgh\u ijh_dIgh dhfivxl_jghc]jZnbdb	104	80	52		24			108
ID ±1.4	F>D F_lh^u jZkq_lZ hkgh\guo l_wgdbghfbq_k ihdZaZl_e_c ijh_dlbjh\Z	55	40	40		15		36	-
	Mq_[gZy ijZdlbdZ	36	36						
	Ijhba\h^kl\ _ggZy ijZdlbd ijhnbex ki_pbZevghk _keb ij_^mkft dhgp_gIjbjh\ZggZy) ijZc	180	180						
	<k_]h	479	210	156		53		36	180

3.2Kh^_j`Zgb_ h[mq_gby ih ijhn_kkbhgZevghfm fh^mex IF

GZbf_gh\Zgb_ jZa ijhn_kkbhgZevgh] fh^mey IF f_`^bkpbiebgZjguc dmjkh\ F>D b l_	Kh^_j`Zgb_ mq_[gh]h fZl_jbZeZ eZ[hjZlhjgu_ jZ[hlu b kZfhklyl_ evgZyhjZ[hqZsbooky dmjkh\Zy jZ[hIZ ij	H[t_f qZkh\	Dh^u dhfi_l_ pbc
1	2	3	4
JZa^_ejh_^_gb_ iijh^dlgh]h ZgZebaZ b hkms_kl\^_gb_ ijh pj_hk_kZb^baZcgby			
F>D >baZcgjh_dlbjh\Zgb_ dhfihabpby fZd_lbjh\Zggh_gpkh_pjb_f_ggkdmk			
L_fZ ljbgbpiu ijh_dlbjh\Zgby h[t ^baZcgZ \ jZaeb om^h`_kl_gguo k	Kh^_j`Zgb_ 1. :gZeba hkaah\auo qZijZ\^_gbc klbe_\h]h j_r_gby ijhf jZaebqguo bklhjbq_kdbo wiho ljh[e_fu jZa\^ZbyjbZevghc dmevlmju \ wkl_-l;b d_gm\[_`Z	8 2	H0- H0 ID - ID
	2. ljh_dlggh^h`_kl_ggu_ ihabpbb ^baZcg_jZ \ ij_^f_lgh Bklhdb fh^_jgbklkdh]h ijh_dlggh]h khagZgby	2	
	3. ljhbkoh`_^_gb_ ^baZcgZ dZd hkh[hc^k_ny]lue vqgrehl\^_kpb khpZevgZy nmgdpy	2	
	4. GZmqggbq_kdh_ b om^h`_kl_ggh_ gZqZeh \ ^baZcg	2	
	EZ[hjZlhjgu_ jZ[hlu ljZdlbq_kdb_ aZgyly	- 12	
	1. :gZeba]jZnbq_kdbo ZkkhpbZpbb ijbjh^guo y\^_gbc ZkkhpbZpbb	2	
	2. <uy\^_gb_ nhjfu ijb ihfhsb ebgb <uiheg_gb_ mijZ	2	
	3. <uiheg_gb_ mijZ`g_gby gZ l_fm ©lylgh dZd kj_^kl\h	2	
	4. Hljbkh\dZ]jmiiu gZlmjguo h[t_dlh\ gZlxjfhjl	2	
	5. =jZnbdZ dhfihabpbb ba^tgZlmjguo h^_kl\hf ebgb	2	
	6. =jZnbdZ dhfihabpbb ba gZlmjguo h[t_dlh\ ihkj_^kl\h	2	
L_fZ Hkgh\u klbebaZ	Kh^_j`Zgb_ 1 N_ghf_g]jZnbq_kdh]h ^baZcgZ	8 1	H0- H0 ID -

				ID
	2	AZdhghf_jghklb nhjfh[hjZah\Zgby \]jZnbq_kdhf ^baZ	1	
	3	>baZcg dZd kj_^kl\h fZkkh\hc dhffmgbdZpbb	1	
	4	H[jZah\Zgby dh\Zy dhgp_ipby h[t_dIZ <_sv dZd agZd	1	
	5	ljbgbpiu l_dlhgbq_kdh]h nhjfh[hjZah\Zgby	1	
	6	Dhgkljmdlb\gh_ b ieZklbq_kdh_ kljh_gb_ [bhgbq_kdb	1	
	7	Nhjfbjh\ZgbyZabbib_ dhfihabpbhggh]h aZfukeZ	1	
	8	Dhgp_ipby \ ^baZcg_	1	
		EZ[hjZlhjgu_ jZ[hlu	-	
		ljZdlbq_kdb_ aZgylby	14	
		1. Kha^Zlv om^h`-dkhfi hcbp bhggmx kljmdlmjm bdhgqb_k klbebaZpbx ^hfbgbimxs_lh k\hckh\ZbiZ[t hghZalgh]h <u[hj h[t_dIZ aZjbkh\db agZdhfkl\h k ZgZeh]Zfb	2	
		2. lhkljh_gb_ bdhgqb_kldhbkhd aZdZhc kljmdlmjghc ko_f \ZjbZgh\ g_-flbg_<u^_e_gb_ b nhjfZebaZpby k\hckl	2	
		3. Kh\f_s_gb_ i_j_ghk b ZdlrbdZmjjZyknhjZpby	2	
		4. Ebg_eiyhgh\Zy]jZnbdZ hdhgqZI_evgh]h j_r_gby	2	
		5. lhkljh_gb_-bgZdZkhZkljh_gby qZ [Za_ iihkl_crbo rjhff Kljmdlmibjh\ZgbyagZqbfu_ khklZ\eyxs_b_ we-flbglu g_ Wkdbaguc ihbkd	2	
		6. AgZd^hfbqbih\Zqb_f]_hf_ljbq_kdhc ieZklbdb AgZd k ^hfbgbjh\Zgb_f kdmevilmjghc ieZklbdb	2	
		7. Ebg_eiyhgh\Zy]jZnbdZ hdhgqZI_evgh]h j_r_gby	2	
L_fZ		Kh^_j`Zgb_	4	
lehkdhklgZy dhfih	1	ljh_dlgom^h`_kl_ggu_ ihabpbb ^baZcg_jZ \ ij_^f_	1	H2-H5
Dhfihabpbhggu	2	Bklhdb fh^_jgbklkdh]h ijh_dlgh]h khagZgby	1	ID -
ij_h[jZah\Zgby	3	lihbkoh^_ab ^baZcaZ dZd hkh[hc kn iu a_eh_c khpbZevgZy nmgdpby NhjfZebaZpby h[h[s_gb_	1	ID

<p>F lh^u om^h` kl\ ijh_dlbih\Zaby \ k ©dhfie_dla JZajZ[hldZ dhfie dhfie_dlh\</p>	<p>1.</p>	<p><aZbfhk\yav nhjfu ij_^f_IZ k _]h \gmlj_ggbf kljh_gb_ ijhkljZgkl\hf Khhl_lkl\b_ nhjfu ij_^f_IZ _]h gZagZq_ ij_^f_IZ hl bkihevam_fuo fZI_jbZeh\ dhgkljmdpbc b Nhjfh[hjZah\Zgb_ gZ hkgh_ dhfivxl_jguo l_ogheh]bc</p>	<p>2</p>	<p>H0-H0 ID - ID</p>
	<p>2</p>	<p>F_lh^u b wlZiu-ia b a Z lcbj h\Zgby</p>	<p>2</p>	
		<p>EZ[hjZlhjgu_ jZ[hlu</p>	<p>-</p>	
		<p>ljZdlbq_kdb_ aZgylby</p>	<p>14</p>	
	<p>1.</p>	<p>LjZgknhjfZpby ijbjh^ghc nhjfu \ nhjfm h[t_dIZ ^baZc aZjbkh\hlnhjfu b jZajZ[hldZ wkdbah\ h[t_dIZ ^baZc</p>	<p>2</p>	
	<p>2.</p>	<p>LjZgknhjfZpby ijbjh^ghc nhjfu \ nhjfm h[t_dIZ ^baZc ijhkljZgkl_gguo dhfie_dkh\ h[t_fgguo nhjf b ^j ba hkgh_ [bhnhjfu</p>	<p>2</p>	
	<p>3.</p>	<p><uiheg_gb_ deizmkamju_]h ih nhjf_ b dhgkljmdpbb [u jjZnbd_ b \ fZd_l_</p>	<p>2</p>	
	<p>4.</p>	<p><uiheg_gb_ ijh_dIZ g_keh`gh]h ih^\b`gh]h f_oZgbaf mkljhckl\Z k_lbevghd fykhjm[dZ _ehkbi_^ b ^j ijhkljZgkl_ggu_ kljmdlmju dhfhahpobkdao nb]mj b b fZd_l</p>	<p>2</p>	
	<p>5.</p>	<p>ijh_dlgZy jZajZ[hldZ dZilhqghc miZdh\db b __]jZnb limiiu lh\Zih\ li_[mxsbo iihlb\hm^Zjghc aZsblu gZi eZfihqdb _ehqgu_ b]jmrdb Zfimeu b l ^</p>	<p>2</p>	
	<p>6.</p>	<p>Hij_^_e_mhifu b lZ[Ziblguo jZaf_ih\ miZdh\db JZajZ jZa_jldb miZdh\db JZajZ[hldZ]jZnbq_kdh]h ^baZcg</p>	<p>2</p>	
	<p>7.</p>	<p>Ba]hIh\^_gb_ hiulgh]h h[jZapZ miZdh\db</p>	<p>2</p>	
<p>KZfhklhyl_ evgZy jZ pahlz qijl bbb JZa^_eZ lhklih dbfZd l iihkluo iiz\blevduoa kdbedmbllmiibafZ pbeba^i lhklih d\bo \h^h\ dhfihabbbb nihalZevahc hltzfahc lemibaah iihkliZakl\ ijhkluo]_hf_ljbq_ kdhjdblijheZgb_ h[t_fZ rZjZ k ihfhsvx \aZbfg h i_ji_g^bdmey Bah[jZ`_gb_ fh^_eb keh`guo l_e \jZs_gby dhgmk \ZaZ [ZeykbgZ f_lh^hf</p>			<p>14</p>	
<p>JZa^_e hkgh\u ijh_dlg h c b dhfivxl_jghc]jZnbdb</p>				

L_fZ ljbdeZ^gh_ ijh]jZ h[_ki_q_gb_ \ ijhn_kkbhgZevg ^_yl_evghklb	Kh^_j`Zgb_		6	
	1.	Hkgh\gu_ \b^u dhfivxl_jghc]jZnbdb	2	HØ-HØ
	2	JZkljh\h_ bah[jZ`_gb_ ljh]jZffgh_ h[_ki_q_gb_ ^ey j bah[jZ`_gbyfb GZagZq_gb_ jZkljh\hc]jZnbdb \ ijh_d	2	ID - ID
	3	<_dlhjgh_ bah[jZ`_gb_ h]h]k]Zffgh_gb_ ^ey jZ[hlu k _d bah[jZ`_gbyfb GZagZq_gb_ _dlhjghc]jZnbdb \ ijh_d	1	
	4	Lj_of_jgh_ bah[jZ`_gb_ ljh]jZffgh_ h[_ki_q_gb_ ^ey bah[jZ`_gbyfb GZagZq_gb_ lj_of_jghc]jZnbdb \ ijh_	1	
	EZ[hjZlhjgu_ jZ[hlu			
	ljZdlbq_kdb_ aZgylby		2	
	1. &hkIz\blv ko_fm kjZ\gbl_evghc oZjZdl_jbklbdb \b^h		2	
L_fZ =jZnbq_kdbc j_^ Corel Draw	Kh^_j`Zgb_		6	
	1	Bgl_jn_ck ijh]jZffu Hkgh\gu_ bgkljmf_glu	2	
	2	Hkgh\Z[hlu k h[t_dIzfb J_^Zdlbjh\Zgb_]_hf_ljbq_kd AZeb\dZ h[t_dlh\ aZ^Zgb_ p_IZ b Z[jbkZ i_jZ	2	
	3	=_hf_ljbq_kdb_ ijbfb\l_u ebgbb l_dkl h[t_dlu Kha^ kha^Zgb_ b j_^Zdlbjh\Zgb_ dhglmjh\	1	
	4	Ki_pwnn_idhujZqghklv i_j_l_dZgb_ \u^Z\eb\Zgb_ ^_ l_dklhf	1	
	EZ[hjZlhjgu_ jZ[hlu			
	ljZdlbq_kdb_ aZgylby		20	
	1. GZjbkh\Zlv]_hf_ljbq_kdb_ ijbfb\l_u \]jZnbq_kdhf j		2	
	2. Bkihevah\Zgb_ _dlhjguo wnn_dlhDraw.j_^Zdlhj_ &RUH		2	
	3. Kha^Zlv Z\lhjkdmx om^h`_kl_ggmx dbklv ^ey ijZa^g		2	
	4. GZjbkh\Zlv klbebah\Zgguc h[t_dI \]jZnbq_kdhf j_^Z		2	
	5. Bkihevah\Zgb_ _dlhjguo wnn_dlh\ \ j_^Zdlhj_ &RUH		2	
	6. Kha^Zlv l_gv b l_dklh]Znbq_kdhf j_^Zdlhj_ &RUHO '		2	
	7. Kha^Zlv \babldm \]jZnbq_kdhf j_^Zdlhj_ &RUHO 'U		2	
	8. J_^Zdlhj &RUHO'UDZ ihkljh_gb_ dhfihabpbb h[eh`c ^bkdZ gZ hkgh_ ijhihjpbhgjbh\Zgby		2	
9. J_^Zdlhj &RUHO'UDZ]jZnh]hgucZ ZgZabZ[hldZ eh]hlt		2		

	10. JZajZ[hIZlv dZe_g^Zjv \]jZnbq_kdhf j_^Zdlhj_ &RU	1	
	11. JZajZ[hldZ ^baZcg_jZ <_^_gb_ Hkgh\	1	
L_fZ	Kh^_j`Zgb_	4	
=jZnbq_kdbc j_^ Adobe Photoshop	1 <_^_gb_ Bgl_jn_ck ijh]jZffu	1	H0-H0 ID1.2- ID
	2 IZg_ev bgkljmf_glh\ F_gx Bgkljmf_glu \u^_e_gby	1	
	3 Bgkljmf_glu dbklb ibi_ldZ rIZfi IZebIju \$GREH 3K	1	
	4 J_`bf h[jZ[hldb bah[jZ`_gby Mjh\gb Wdkihabpby Yj	1	
	EZ[hjZlhjgZ[hlu		
	IjZdlbq_kdh_ aZgyIb_	10	
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	2. Ijb_fu kdZgbjh\Zgby b dhjj_dpbb bah[jZ`_gby	2	
	3. J_^Zdlbjh\Zgb_ bah[jZ`_gbc k ihfhsvx nbevljh\ \$GR	2	
	4. >hi_qZlgZy ih^]hIh\ dZ fZI_jbZeh\ \ jZkljh\uo j_^Zdl	2	
	5. Ij_h[jZah\Zgb_ p_lh\uo fh^_e_c	1	
	6. <uiheg_gb_ p_lh^_e_gby	1	
	L_fZ	Kh^_j`Zgb_	
=jZnbq_kdbc j_^ ArchiCAD	1. Bg`_g_jgZy]jZnbdZ ^ey ^baZcg_jZ <_^_gb_ Hkgh\	2	H0-H0 ID - ID
	2 H[hagZq_gby IZg_ev bgkljmf_glu <_ jZaj_aZ Ebgby \ughkdZ Klj_edZ \a]ey^Z <ughkghc	2	
	3 JZ[hIZ k [b[ebhl_qgufb we_f_gIZfb IhkIjh_gb_ \ fhjn ieZgh\ ihf_s_gbc H[sb_ k_^_gby F_lh^bdZ ihkljh_g	1	
	4 NZk^Zgby Lj_[h\Zgby d q_jl_`Zf IjZ\beZ hnhjfe_gb GZkljhcdZ ihdjulby fZI_jbZeZ I_dklmju <bamZebaZ	1	
	EZ[hjZlhjgu_ jZ[hlu	-	
	IjZdlbq_kdb_ aZgyIby	10	
	1. <uihegblv q_jl_` d\ZjIbju	2	
	2. GZg_kIb jZdfZjIbju	2	
	3. <uihegblv jZaj_a d\ZjIbju	2	
	4. Kha^Zlv ijh_dIgmX ^hdmf_gIZpbx gZ ^baZcg d\ZjIbju	2	
5. JZajZ[hldZ ijh_dIZ bgl_jv_jgh]h ^baZcgZ	1		

x JZajZ[hldZ ijh_dIZ ^_lkdhc b]jh\hc iehsZ^db k we_f_gIZfb eZg^rZnlgh]			
ljhba\h^kl_ggZy ijZdlbdZ <b^u jZ[hI 1. Kha^Zgb_ ij_^Zjbl_evguo-wikdbahZ ^baZcg 2. <uiheg_gb_ nhykdbah\]jZnbq_kdbfb fZI_jbZeZfb 3. Kha^Zgb_ wkdbah\ h[t_dlh\ ^baZcgZ ijhkljZgkl_gguo dhfie_dkh\ b ^j j_r_gbc 4. HagZdhfe_gb_ k jZ[hIhc -dhgklj_kdlhgkd]h [xjh b ^he`ghklghc bgkljmdp ijhn_kkbb ©>baZcg_j^a 5. Kha^Zgb_ wkdbah\ h[t_dlh\ ^baZcgZ ijhkljZgkl_gguo dhfie_dkh\ b ^j j_r_gbc 6. <uiheg_gb_ khjpbkdbbo wkdbah\ k bkihevah\Zgb_f jZaebqguo [jZjy qjZd p_lgZy]jZnbdZ` dheez` 7. <uiheg_gb_ hibkZgby ijh_dlbjh\hqghc qZklb khklZ\e_gb_ hibkZgby-ihk ijh_dIZ 8. <uiheg_gb_ hibkZgby qjgh_dlbZklb hibkZgb_ p_lh\h}hijh_rdlgZbyJZlaZ[chl d ^baZ-cigh_dIZ 9. AZ_jr_gb_ \ dhfivxl_jghc ijh]jZff_ bkihevam_fhc gZ [Za_ ijZdlbdb ij 10. <u[hj l_fZlbdb b klbe_\h]h j_r_gby ijh_dIZ ij_^f_lh\ ijhfugbf_kgkph ^baZ 11. <uiheg_gb_ wkdbah\ ijh_dIZ 12. <uiheg_gb_ ^baZcg ijh_dIZ gZ ieZgr_l_]jZnbq_kdbfb fZI_jbZeZfb beb ihke_^mxs_c jZki_qZldhc 13. Hnhjfe_gb_ ihykgbl_evghc aZibkdb		180	
JZa^_F_lh^u jZkq_Iz hkgh\guw dlh_glfbbh_ikdbZaZI_e_c ijh_dlbjh\Zgby			
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L_fZ	Kh^_j`Zgb_	14	
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	IjZdlbq_kdz_gylby	14	
	1. JZkq_l ihdZaZI_e_c ©l_fi jhklZ^a b ©l_fi ijbjhklZ^a	2	
	2. AZihegblv IZ[ebpm ©WlZiu nhjfbjh\Zgby p_gu gZ lh\	4	
	3. AZihegblv IZ[ebpm ©KZglbg^a	2	
	4. AZihegblv IZ[ebpm ©=HKLu^a	2	
	5. KhklZ\blv l_jfbgheh]bq_kdbc keh\Zjv -wdhlgf_bq	2	

	ihdZaZI_eb-rybaZcZ		
	6. <uihegblv jZkq_l qbke_gghklb i_jkhgZeZ	2	
L_fZ	Kh^_j`Zgb_	14	
:gZeba l_ogbd	EZ[hjZlhjgZ[hlu	-	H2-H5
wdhghfbq_kdb	ljZdlbq_kdb_ aZgylby	14	ID -
ihdZaZI_e_c			ID
jZajZ[Zlu\Z_fh]	1. :gZeba l_ogbdwdhghfbq_kdb ihdZaZI_e_c jZajZ[Zlu\Z	2	
ijh_dIZ	2. JZkq_l Z[khexlguo b hlghklb_evguo wdhghfbq_kdb	2	
	3. JZkq_l klhbfhklb ijh_dlguo jZ[hl	4	
	4. Nhjfbjh\Zgb_gu gZ mkem]b ^baZcg_jZ	2	
	5. <uihegblv ZgZeba ljm^h\uo j_kmjkh\	2	
	6. AZihegblv lZ[ebpm ©Hkgh\gu_ b \kihfh]ZI_evgu_ fZ	2	
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L_fZ	Kh^_j`Zgb_	27	H2-H5
JZkq_l l_ogbd	EZ[hjZlhjgu_ jZ[hlu		ID -
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ijh_dIZ	aZljZI gZ \uiheg_gb_ wkdbah\ b fZd_lh\		
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KZfhklhyl_ejZ[ZyZ	ipamq_gbb JZa^_eZ	15	
JZkqaZljZI b khklZ\	e_gb_ dZevdmeyppb gZba]hlhZegkb_uobian^ZebZy_d_fZl_jb		
KFJ ih \u[jZgghfm	ihkqdlmkf_lghc klhbfhklb ^kaZcg\igbgklZmdpblh_gghh eh]bq_		
dZjd©Nhfj\Zgb_	p_gu gZ mkem]b_kq_aZcg_jZfhklb \hkgh\gu_ b \kihfh]ZI_ev		

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\k_]	479	

4. MKEH<BJ?:EBA:PBBJHN?KKBHG:EVGF#HMEY

4.1. Lj_[h\Zgby d fbgbfZevghfm fZlogbZekghfm h[_ki_q_gbx

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      J_ZebaZpby ijh]jZffu fh^mey ij_^iheZ]Z_l gZebqb_
^baZcgZ EZ[hjZlhjbc fZd_lbjh\Zgby ]jZnbq_kdbo jZ[h
^baZcgZ[hjm^h\Zgb_ mq_[gh]haZ_Zg_lZ
-   ^hkdZ Zm^blhjgZy ^ey gZibkZgby f_ehf b nehfZkl_
bgl_jZdlb\gZy ^hkdZ
-   ieZgr_lu aZ^Zggh]h nhjfZIZ hi]m dZxsbok\m
-   ihkZ^hqqgu_ f_klZ ih [me]Zxsbok\y
-   jZ[hq__ f_klh ij_ih^Z\ZI_ey
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-   gZ]ey^gu_ ihkh[by jZa^ZbhZguc
-   bgkljmf_glu b ijbkihkh[e_gby ^ey \uihejZ]gby ijZdl
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-   klheu jZaf_jhf
-   ihkZ^hqqgu_ f_klZ ih [me]Zxsbok\y
-   jZ[hq__ f_klh ij_ih^Z\ZI_ey
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H[hjm^h\Zgb_ eZ[hjZlhjbb dhfivxl_jgh]h ^baZcgZ
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bgl_jZdlb\gZy ^hkdZ
-   jZ[hq__ f_klh ij_ih^Z\ZI_ey
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-   wdjZg beb bgl_jZdlb\gZy
-   ijbgl_p\_lghc
-   ijbgl_q_Za_jguc
-   kdZg_j
-   ki_pbZebabjh\ZggZhy]fkj[_^k\]
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j_^Zdlbjh\Zgby bah[jZ`_gbc $GREH 3KRWRVKRS iZd
j_^Zdlbjh\Zgby q_jl_`_d $KIVB) &DG b

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- mq_{ghlh^bq_kdbc dhfie_dk
- gZ]ey^gu_ ihkh[by
- rdZ-rkl_eeZ`

7.2. BgnhjZpbhggh_ h[_ki_q_gb_ h[mq_gby

Hkgh\gu_ bklhqgbdb

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 972903535.^ L_dkl we_dljhguc jPbm\Z\hev\guc j_kmjk :,35 6
 >kZcI @5/ KWWSV ZZZ LSUERRNVKRS UX KWPO ^ZIZ
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<https://doi.org/10.23682/92835>

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ID ljhba\h jZkq_lu l_o wdhghfbq_kdh] h[hkgh\Zgby ij_^eZ]Z_fh]h ijh_dIZ	JZajZ[Zlu\Z_l dhehjbklbq_ j_r_gb_ ^baZc <uihegy_l wkdbau bkihevah\Zgb_f jZaebq]jZnbq_kdbo kj_^kl\ b ijb_fh	:gZeba \uiheg_gby dhfZg^ghc jZ[hlu GZ[ex^_gb_ aZ jZ h[mqZxsboky NjhglZevguc dhglj ljhkfhlj jZ[h

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J_amevlZlu hk\h_ggu_ h[sb dhfi_l_gpbb	Hkgh\gühdZaZl_eb hp_ j_amevlZIZ	Nhjfu b f_lh^u dhgljhey b hp
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		^hdmf_gIZfb ebl_jZImjhc ih^]hlh\dZ b aZsbIZ bg^b\b^mZevgu]jmiih\uo aZ^Z ijh_dlgh]h oZj
HD Bkihevah\Zlv kh\j_f_ggu_ kj_^kl\ ZgZebaZ b bgl_ bgnhjZpbb bgnhjZpbhggu_ l_ ^ey \uiheg_gby ijhn_kkbhgZevghc ^_yl_evghklb	- ljZ\bevguc \u[hj kihkh[h ijhn_kkbhgZevguo aZ^Zq - JZpbhgZevgZy hj kh[kl_gghc ^_yl_evghkl \uiheg_gby kZfhklhyl_ ijZdlbq_kdhc jZ[hlu ijb j_r_gb_f kblmZpbhgguo ijhoh`^_gb_ ijhba\h ijZdlbdb	Nhjfu hp_gdb j_amevlZlb\ghk h[mq_gby xgZdhibl_evgl kbkl_fZ [Zee hkgh\ dhlhjhc \uklZ\ blh]h\Zy hlf_ld xljZ^bpbhgZy kbkl_fZ hlf_lh [ZeeZo aZ dZ`^mx \uiheg_ jZ[hlm gZ hkg dhlhjuo \uklZ\ey_lky bl hlf_ldZ
HD leZgbjh\Zlv j_Zebah\u\Zlv kh ijhn_kkbhgZevgh_ b ebqghklgh_ jZ ij_^ijbgbfZl_evkdmx ^_yl_evghklv ijhn_kkbhgZevghc bkihevah\Zlv agZ nbgZgkh\hc]jZfhlg jZaebqguo `ba kblmZpbyo	- ijh\h^blv ^bZ]ghklb dm kb - hij_^eylv Z^_d\Zlgu_ j_r_gby \hagbdZxsbo ijh[- \uy\eylv \hafh`gu_ jbkdb - h[hkgh\u\Zlv ijbgylb_ j_	F_lh^u dhgljhe gZijZ\e_gu gZ ijh_jdm mf_gb mqZsboky hl[bjZlv b hp_ bklhjbq_kdb_ ijhp_kku y\ey \uihegyrkeh\by aZ^ZgZyl\hj_q_k mjh\g_ k ij_^klZ\ey_gb_f kh[kl_gghc iha ^_eZlv hkhagZ \u[hj kihkh[h\ ^_ckl\bc ba jZg__ ba_klg hkms_kl\eylv dhjj_dpbx bkijZ\ey_gb_ k^_eZgguo hrb gh\hf mjh\g_ ij_^eZ]Z_fuo aZ^Zgbc jZ[hIZl]jmii_ b ij_^klZ\eylv dZ lZd b ihabpb]jmiiu ijh_dlbjh\Zlv
HD Wnn_dlb\gh \aZbfh^_ckl\h\Zlv b dhee_dlb_ b dhfZg^	- hl[hj b bkihevah\Zgb_ ^ey wnn_dlb\gh ijhn_kkbhgZevguo ijhn_kkbhgZevgh]h b jZa\blby	
HD Hkms_kl\eylv mk ibkvf_ggmxdhffmgb]hkm^Zjkl_gghf yau mq_lhf hkh[_gghkl_c khpZevgh]h b dmev dhgl_dklZ	- ^_fhgkljZpby gZ\udh\ bk bgnhjZpbhgghffmgb dZpbhg l_ogheh]bb \ ijhn_kk ^_yl_evghklb	
HD Ijhy\eylv]jZ`^ iZljbhqb_kdmx i ^_fhgkljbjh\Zlv hk ih_^_gb_ gZ ljZ^bpbhgguo h[s_q_eh_q_kdbo p_gghkl_c	- \aZbfh^_ckl\b_ k h[m ij_ih^Z\Zl_eyfb jmdh ijZdlbdb b deb_gIZfb \ oh	
HD Kh^_ckl\h\Zlv khozZg_gbx hdjm`Zx kj^u j_kmjkhk[_j_ ijbf_gylv agZgby h[debfZIZ ijbppbiu [_j_`eb\h]h ijhbaZ\h^ wnnb\gh ^_ckl\h\Zlv qj_a\uqZkdu mZpbyo	- ijhy\eylv h\l_lkl_gghk ih^qbg_ggjuamevlZl \uih aZ^Zgbc	
HD Bkihevah\Zlv nbabq_kdhc dmevl khozZg_gby b	- ieZgbjh\Zgb_ h[m ih\ur_gby ebqghklgh] d\ZebnbdZpbhggh]h mjh\g	

<p>mdj_ie_gby a^hjh\vy ijhn_kkbhgZevghc ^_yl_evghklb b ih^^_j`Zgby g_h[d mjh\gy nbabq_ ih^]hlh\e_gghklb</p>		<p>kh[kl_ggmx]jZ`^Zgk dlmxbpb q_j_a ijh_dlbjh\Zgb_ bklhjbq_kdbo k</p> <p>F_lh^u hp_gdb</p>
<p>HD lhevah\Zlvky ijhn_kkbhgZevghc ^hdmf_glZpb_c gZ]hkm^Zjkl_gghf b bghkljZgghf yaudZo</p>	<p>- ijhy\e_gb_ bgl_j_kZ d b h[eZklb ijhn_kkbhgZ ^_yl_evghklb</p>	<p>j_aewlZlh\ h[mq x fhgblhjbq] j_hklZ l x kZfhklhyl_evq b gZ\udh\ iher gh\h]h x agZgby dZ` h[mqZxsbfky x nhjfbjh\Zgb_ j_amevlZIZ blh]h\hc x Zll_klZpbb ^bkpbiebg_ g hkgg_ kmffu j_amevlZlh\ l_d dhgljhey</p>

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H=J:GBQ?GGUFB <HAFH@GHKLYFB A>HJH<VY

:^ZilZpby jZ[hq_c ijh]jZffu ^jthkp_bkilebbggZ evgh]ij hfh^rb bky ijb
j_ZebaZpbb Z^Zilb\ghc h[jZah\Zl_ig k bjlZdfuj hi]jZ]ff Uh\db ki_pbZebk
kj_^g_]h a_gZ ih ki_pbZevgh k bZcg ih hlijZ_k_eyd h[_ki_q_gby ijZ
bg\Zeb^h\ b ebp k h]jZgbq_ggufb \hafh`ghklyfij han^tkjhb k g ZgeZ g h p h
h[jZah\Zgby kha^Zgby g_h[oh^bfuo ^ey ihemq_gby kj_^g_]h ijh
mkeh\bc Z lZd`_ h[_ki_q_gby ^hklb`_gby h[mqZxsbfkby bg\Z
h]jZgbq_ggufb \hafh`ghklyfb a^hjh\vy j_amevlZih\ nhjfbZh\Zgby

H[hjm^h\Zg_b_g_lZ ^_ehijhba\h^kl\Z b j_`b^Zyk h d r d Z h k b bky k
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DZ[bg_l dhlhjhf h[mqZxlky ebpZ k gZjmr`_g_b[uflvk d r h j Z h ^h\Zg
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>ey keZ[h\b^ysbo h[mqZxsbok yk bhg]jZeb^h\g_guf
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;jZce_kdhc dhfivxl_jghc l_ogbdb we_dljhgguo emi ijh]jZff g_
bgnhjfZpbb l_ogbq_kdbo kij_j^kl\ZqibmfZ_[ghc bgnhjfZpbb \ ^h
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>ey h[mqZxsbok yk gZjmr^_gd]Zf_hivghZ]hZ dZ[bg_l ^he`_g [u
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<ur_mdZaZggh_ hkgZs_gb_ mklZgZ\eb\Z_lky \ dZ[bg_l_ ijb
Z^Zilbjh\Zgghc h[jZah\Zl_evghc ijh]jZff_ k mq_lhf bf_xs_y]hky lb
m h[mqZxs_]hky

BgnhjfZpbhggh_ b f_lh^bq_kdh_ h[_ki_q_gb_ h[mqZxsbok yk
>hklmi d bgnhjfZpbhgghuf b [b[ebh]jZnbq_kdbf j_kmjKZf

jZ[hq_c ijh]jZffu ^he`_g [ulv ij_^klZ\e_g \ nhjfZo Z^Zilbjh\Zg
a^hjh\vy h[mqZxsbok yk bhg]jZeb^h\g_gufb \hafh`ghklyfb a^hjh

>ey ebp k gZjmr_gbyfb aj_gby g_ f_g__ h^gh]h \b^Z
-\ i_qZlghc nhjf_ m_ebq_gguf rjbnlhf

-\ nhjf_ we_dljhggh]h ^hdmf_glZ
-\ nhjf_ Zm^bhnZceZ

-\ i_qZlghc nhjf_ gZ yaud_ ;jZcey
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gZjmr_gb_ ikbobq_kdh]h jZa\blby

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