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Až _kl bl _ev ^bj _dl hj Z
i h nq_l gh f _l h^bq_kdhc j ž hl _

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i h nq_l ghc ^bkpbi ebg_
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Ki _pbZevghkl v
©Lmj baf b]hkl _j bbf kl \h^a
D\ZebnbdZpby- Ki _pbZebkl i h l mj baf mb]hkl _j bbf kl \m

Nhgñp_ghqñj_u^kñq_[gh]ñf_ljZajZ[h]ññ hkgh_ N_^_jZevgh]h]hkr
h[jZah\ZI_evgh]h kIZg^ñNñHK^Zñh_ki_pbZevghklb kj_^g_]h h[s_]
j_dhf_g^h\ñy j_ZebaZpbb hkgh\ghc ijhn_kkbhgZevghc h[jZah\ZI
ki_pbZevghklb ©Lmjbañ b]hkl_ijbbfkl\h^a

JZkkfhlij_gññ aZk_^Z^ññ]bq_kdh]h kh_IZ IHQM ©=ID^a
ljhldñe h[29.08.2023]h^Z

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Kh^_j`Zgb_

- 1. IZkihjn hg^zp_ghq gju^kl\
 - 1.1 H[eZkiljbf_g_gby nhpg^zhq gju^kl\
 - 1.2 I_j_q_ig_vamevlZlh\
- 2. Dhgljhlp_gjd_zamevlZlm\q_gby
- 3. Nhg^p_ghq gju^kl\
 - 3.1 L_dmsdrcgljhaki_\Z_fhklb
 - 3.2 Ijhf_`mlhqz y_klZpby

1. IZkihjhghg^hZp_g hqgkj_o^kl\

1.1 H[eZkljbf_g_g b h g^hZp_g hqgkj_o^kl\

Nhg^hp_g hqgkj_o^kl\^g Zag Z e y o _ g j b a m e v l Z l h \
hk\h_g r b g _ [g i h] h f _ I Z M . 0 9 © O b f b k y j a ^ g i j h n _ k k b h g Z e v g h] h
h [j Z a h \ Z g b y
Nhg^ hp_g hqgkj_o^kl\ jZajZ[hIZgk N = k H K I \ H i k l k b b p b Z e v g h k l b
© L m j b a f b] h k l _ i j b r b o f k l g h i a h Z g Z j Z [h q i j b] j Z f f h m q _ [g h] h
ij_^f_I Z M . 0 9 © O b f b y a

Mq_[g u j c ^ f _ l k h h l \ _ l k l k b r b q _ [g u e f Z g h b a m q Z g Z k y j \ h f
d m j k b a Z \ _ j r Z _ a Z y q _ l h f
Nhg^hp_g hqgkj_o^kl\ d e x q Z _ k l _ [d h g l j h e v g h g h q g Z u l _ j b Z e u
i h a \ h e y x b p _ g b m y h \ _ g h k l b ` _ g b y j _ a m e v l Z l h \

1.2 I_j_q_g v a m e v l Z l h \

Hk\h_g b_k h ^ _ j ` Z g b y h [s _ h [j Z a h \ Z l _ e v g h \ c b k p b i e b g u O b f b y
h [_ k i _ q b ^ Z k l b ` _ g h m q Z x s b f b k y k e j ^ a m e s b o Z l h \

1) e b q g h k l g d e x q Z x s b o

h k h a g Z g b _ h [m q Z x s b f b k y j h k j Z ` ^ k Z g h k d h _ c g l b q g h k l b
] h l h \ g h k l v d k Z f h j Z a \ b l b x k Z f h k l h k y Z f b h i g j h k l _ b e _ g b x
g Z e b q b _ f h l b d \ Z h p b m q _ b g b e b q g h k l j g Z h a f r b l b x
p _ e _ g Z i j Z \ e j Z g a l b l b g m l j _ g g i h a b p b e b b q g h k g Z
h k g h \ ^ m o h \ g j j Z \ k l \ _ g g u o g g h k l g Z j h ^ h l h k k b c k d h ^ _ j Z p b l h j b q _ k d b o
g Z p b h g Z e m g e l v l m j g u o l j Z ^ b p b c n k p f b l j h f a z g g z o b f p o g g h k k g u h k e h \ u o
m k l Z g h \ Z g l b d h j j m i p b h g h j h \ h a a j _ g p Z \ h k h a g Z g d y e h] b q _ d k r b e o l m j u
k i h k h [g h k l Z \ b p v _ e b b k l j b a l y _ g g u _ i e Z g u

2) f _ I Z i j _ ^ f _ l g d e x q Z x s b o

h k \ h _ g g h u [m q Z x s b f b k y i j _ ^ f _ l g u h g y l b y m g b \ _ j k Z e m g u _ [g u _
^ _ c k l \ b j y] m e y l b \ i g a g Z \ Z l _ e d h g f m g b d Z l b \ g u _
k i h k h [g h k l v b o b k i h a v a l m a z g b Z l _ e v g h k c h p b Z e v i g Z h d l b d _
] h l h \ g h k l v d k Z f h k l h y l _ e v g h f m i e Z g b j h \ Z g b m q b [g h m c m y s _ e v g e h k g b x
h j] Z g b a Z h p b [g k h h j m g b q _ k k i \ Z ^ Z] h] b q _ k j Z p f b g b d Z k b _ j k l g b d Z f r b q Z k l b x
\ i h k l j h _ g b g ^ b \ b ^ m Z e [j g Z h a h \ Z l _ e v g h c l j Z _ d l h j b b
h \ e Z ^ _ g g Z \ u d Z f m q _ { g k k e _ ^ h \ Z l _ e v i k r h d l g h b k h p b Z e v g h c
^ _ y l _ e v g h k l b

3) i j _ ^ f _ l g u o \ d e x q Z x s b o h [m k q Z x g b f b k y \ o h ^ m p a [r g t] h g b j _ ^ f _ I Z

g Z m q g u o a g Z g b c m f _ g b c b k k h k p h l n b q _ l o k y l o r d \ _ l k l \ m x j s _ ^ d _ l g h c
h [e Z k l b

H k h [a g Z q _ g b k p b i e b g Z i j b n h j f b j h \ Z g p Z a \ b I H D H D 2 , H D H D

2. Dhgljhevhp_gdZamevliZl[mq_gby

Hkgh\gih_dZaZlb_ejbl_jbhp_gdbamevliZl[mq_gbye_`Zsih_jd_ ij_^klZ\el_gZ[e b p_

Dhgljhevhp_gdZamevliZl[mq_gbykms_kl\eyj_lky^Z\Zl_eijfhp_kk_ ijh_^_gijZdlbq_kalZgylbceZ[hjZihjgZphll_klbjh\ZgZbZd`_uiheg_gby h[mqZxsbfbbkgy^b\b^mZeaZgZgbi^h_dih\bkke_`h\ZgdbamevliZl[mq_gby hij_^_eyxllhh[mqZxsb^kq`gagZlvhgbfZlv^_fhgkljbjh\ZlvaZ_jr_gbb bamgpy^bkpbiebg >ey nhjfbjh\Zgby dhghjeeyZlv\hpkghdby m ^bkpbiebg bkihevam_lky kbkf_fZijbplbghqkuZ\eyxkZjhdhie_dk mq_[gfuojhijbylbbch]eZkh\ZlgjuamevliZl[mq_gbykynhjfmebjh\Zlgmqlhf N=HKHHij_^f_lgu_amevliZl[mq_gbybkpbiebg N=HKH

κ	Fh^m/ejZa^e L_fZ	J_ameh[Zlq_gby	Hp_ghqg_ujhijbylby	HD
l	Hkgh\gfhmev			
1.1	Kljh_gb_Zlhf obfbq_kdbo we_f_glh\ b ijbjh^Z obfbq_kd\hca b	KkklZ\eylv obfbq_k nhjfmeh kh^bg_gb khhl_lkl\bb kh kl_i hdbke_gby obfbq_k we_f_glh\ bkoh^y \Ze_glgkklb b we_dljhhijbpZl_ev g	1. L_k©Kljh_gzhfh\ obfbq_kdbo we_f_glh ijbjh^Z obfbq_kd\hca b^a 2. AZ^Zqb gZ khklZ\el obfbq_kdbomehjf ^\moZlhfguo kh^bg_ hdkb^h\ kmevnb^h\]b^jb^h\ b	HD1
1.2	l_jbh^bq_kdbcaZdhg b lZ[e > BF_g^_e__\Z	OZjZdl_jbah\Zlv obfbq_kdwe_f_glu khhl_lkl\bb k bo iheh`_gb_f \ i_jbh^bq_kdhc kbkl obfbq_kdbo we_f_g > BF_g^_e__\Z	ljZdlb-dhjb_glbjh\Zggul_hj_lbq_kdb_ aZ^Zg oZjZdl_jbaZpbx obfb we_f_glh\ ©F_lZeeb g_f_lZeebq_kdb_ k\h we_dljhhijbpZl_evghk kjh^klde we_dljhgm obfbq_kdbo we_f_glh khhl_lkl\b_w & wdjhgg kljh_gb_ih_eh_gb\ f i_jbh^bq_kkklc_f_ obfbq_kdbo we_f_g>hBF_g^_e__\Z	HD1 HD2
2	JZa^_e Obfbq_kdb_ j_Zdpbb	KkklZ\eylv mjZ\g_g ko_f obfbq_kjdbZdpbc	DhgljhevjZlZ ©Kljh_gbs_klbZ obfbq_kjdbZdpbb^a	
2.1	Lbiobfbq_kdb j_Zdpbc	KkklZ\eylv j_Zdpbb kh^bg_gby jZaeh` h[f_gZ aZf_s_gby hdbkebl_evgh \hklZgh\bl_ev gub j_Zdpbb dhfie_dkhh[jZa gZg ijbf_j_	AZ^Zqb gZ khklZ\el mjZ\g_gbZdpbc ±kh^bg_gby aZf_s_ jZaeh`_gby h[f_gZkb mqZb_f dhfie_dkguo kh^bg_gbc gZ ijbfb]b^jhdkhdhieZexkfbg b pbgdZ	HD1

		<p>]b^jhdkhdhfe_dkh\ Zexfbgby b pbgdZ mqZklb_f g_hj]Zgbq _s_kl\ Zexfbgby</p>	<p>±hdbkebl-evgh \hkkIzgh\bl-evguo j_ bkihevah\Zgb_f f_lh^ we_dljhgZheZgkZ ±k mqZklb_f dhfie_d kh^bg_gbc gZ ijbf_]b^jhdkhdhfe_dkh\ Zexfbgby AZ^Zqb gZ jZkq_l dhebq_kl\ogZjZdl_jbk ijh^mdjZZdpbb kh^bg fZkkh\heeb h[t_fg hc ^h \uoh^iZh^mdlZ j_Zdpb kh^bg_hglbyh_j_lbq_kd \hafh`ghjht_fg guo hlg hr_gbc]Zah\ dhebq_kl\ogZjZdl_jbk bkoh^gu_s_kl\ j_Zdpbbkku h[t_f dhebq_kl\sh_kl\ j_Zdpbbkeeb h^gh ba \ ^Zgh\ba^jZkl\hjZ k hij_^_e_gghc fZkkh\hc ^he_c jZkl\ _s_kl\ Z</p>	
<p>2.2</p>	<p>We_dljheb_lbq ^bkkhpbZpby bhggunqf_g</p>	<p>KhklZ\eylv mjZ\g_g obfbq_kjdbZdpbbgggh h[f_gkZmqZklb_f g_hj]Zgbq_kdbo _s</p>	<p>1. AZ^Zgby gZ khklZ\eylv fhe_dmeyjguo bj_bZdpbb k mqZklb_f hdkkeebhl\ hkggh\Zgbc bblhgguo j_Zdpbc]b^jheeb_acZ mkIzgh\eb_gfb_g_gby dbkehlgk_klbu 2. EZ[hjZihjgZhlZ ©J_ZdpbbjhebaZ^a</p>	<p>H01</p>
<p>3</p>	<p>JZa^_e Kljh_gb_ b k\hckl\ g_hj]Zgbq_kd _s_kl\ Z</p>	<p>Bkke_^h\Zlv kljh_g k\hckl\ g_hj]Zgbq_kd _s_kl\ Z</p>	<p>DhgljhevjgZhlZ ©K\hckl\ g_hj]Zgbq_kd _s_kl\ Z</p>	
<p>3.1</p>	<p>DeZkkbnbdZp ghf_gdeZlmjZ kljh_gb_ g_hj]Zgbq_kd _s_kl\ Z</p>	<p>DeZkkbnbpbjh\Zlv g_hj]Zgbq_ksd_bkl\ khhI_lkl\bklkjhb_gb Z</p>	<p>1. L_kGhf_gdeZlmjZ b gZa\Zgb_g_hj]Zgbq_kd _s_kl\ bkoh^y ba bo obfbq_kdhc nhjfmeu khklZ\eylv obfbq_k nhjfmekohb_gZa\Zgby _s_kl\ Z ih f`^mgZjh beb_ljb\bZevghc ghf_gdeZlmj_a 2. AZ^Zqb gZ jZkq_l fz ^heb fZkku obfbq_k we_f_gIz kh^bg_gb fhe_dme_kf_kb</p>	<p>H01</p>

			<p>3.ljZdlbq_kdb_ aZ^Zg deZkkbnbdZp obfbq_kdbf nhjfmeZf g_hj]Zgbq_k jZaebqg 4.ljZdlbq_kdb_ aZ^Zg hij_^_e_gb_ obfbq_k Zdlb\ghklb _s_kl\ \ aZ\bkbfbfbfbq_kdh k\yab b lbiZ djbkIZee j_r_ldb</p>	
3.2	Nbabdh obfbq_kdb_ k\hckl\Z g_hj]Zgbq_kd _s_kl\	MkIZgZ\eb\Zlv aZ\b nbabobfbq_kd\hckl\ g_hj]Zgbq_k kljh_gby Zbhfme_dm lZd`_lbiZkIZeebq_ j_r_ldb	<p>1. L_k@Hkh[_gghklb obfbq_kdbo k\hckl\ h dbke hkg h\Zgfa hI_jgu]b^jhdkb^h h e_b^a AZ^Zgby gZ khklZ\ e_ mjZ\g_gbc obfbqZ k mqZklb_f ij k e hu g ubo g_hj]Zgbq_k hdkb^h\ f_lZge h\Zeeh Zfnhl_jgw e_f_glh\ g_hj]Zgbq_d hkg h\ZgZfnhl_jguo]b^jhdkb^h h e_b^a khe_ozjZdl_jbamxsbo k\hckl\Z hkh[u ihemq_ ljZdlb-dhj_b_glbjh\Zggu l_hj_lbq_kdb_ aZ^Zg k\hckl\Z b ihemq_gb_ g_hj]Zgbq_kdbo _s_ EZ[hjZlhjgZhlZ ©K\hckf\Zeeh\ g_f_lZeeh\^a</p>	H D1 H D2
3.3	ljhba\h^kl\h g_hj]Zgbq_kd _s_kl\ AgZq_gb_ ijbf_g_gb_ [ulm b gZ ijhba\h^kl\	H[hkg h\ u\Zlv agZq_ ijbf_g_gg_hj]Zgbq_ _s_kl\ u\h\h ijhba\h^kl_gg hc ^_yl_evghklb q_eh\ nbabobfbq_kdbfb k\hckl\Zfb	<p>ljZdlb-dhj_b_glbjh\Zggu aZ^Zgby ih khklZ\ e_g obfbq_kj dZodpbmqZklb g_hj]Zgbq_k bkihevam_fuo ^ey bo b^_glbnbdZpbb b ijhfure_gguo kihkh[h ihemq_gby</p>	H D1 H D2
4	JZa^_kljh_gb bk\hckl\Z hj]Zgbq_kdbo _s_kl\	Bkke_^h\Zlv kljh_g k\hckl\Z hj]Zgbq_kd _s_kl\	<p>DhgljhevjZhlZ ©KljmdlmjZ b k\hckl\ hj]Zgbq_kd bokl\^a</p>	
4.1	DeZkkbnbdZp kljh_gb_ b ghf_gdeZlmjZ	DeZkkbnbpbjh\Zlv hj]Zgbq_kd okl\Z khhI_lkI k b b	<p>AZ^ZgZykhklZ\ e_gb_ gZa\Zgbc hj]Zgbq_kd kh_^bg igbjb\ bZevghc</p>	H D1

	hj]Zgbq_kdbo _s_kl\	kljh_gb_f	beb f_`^mgZjh^ghc kbkl_fZlbq_kdhc ghf_gdeZlmj_ 2.AZ^Zgby gZ khklZ\e ihguo b khdjZs_ggu kljmdlmjguo nhjfme hj]Zgbq_kdbo _s_kl\ hl^_evguedZkkh\ 3. AZ^Zqb gZ hij_^_e_ ijhkl_cr_c nhjfmeu hj]Zgbq_kdhc f bek_ochr bave_f_glgk]klZVZ).	
4.2	K\hckl\Z hj]Zgbq_kdbo kh_^bg_gbc	MklZgZ\elbZlvkbfhk nbabobfbq_kd\hckl\ hj]Zgbq_kdbo_kl\ kljh_gfhye_dme	1.AZ^ZgbyhgZ\e_gb_ mjZ\g_gbc obfbq_kdb j_Zdpbc k mqZklb_f hj]Zgbq_kdbo _s_kl\ hkgh\Zgbb bo khklZ\Z kljh_gby 2.AZ^Zgby gZ khklZ\e mjZ\g_gbc obfbq_kdb beexklbjmxsbfbq_kdb k\hckl\kZq_lfhfoZgbafh ijhl_dZgZyguo j_Zdp]_g_lbq_kdhc k\yab hj]Zgbq_kdbo _s_kl\ deZkkh\ 3.JZkq_lgu_ aZ^Zqb i mjZ\g_gbyf j_Zdpbc k mqZklb_f hj]Zgbq_kd _s_kl\ EZ[hjZlhjjZyIZ ©Ihemq_gb_wlbe_gZ bamq_g]k\hckl\^a	H 001 H 002
4.3	Hj]Zgbq_kdb_ _s_kl\Z \ `bag_^_yl_evq q_eh_dZ ljhba\h^kl\h b ijbf_g_gb_ hj]Zgbq_kdbo \ ijhfure_gghk	H[hkgh\u\Zlv agZq_ ijbf_g_gb_ hj]Zgbq_ _s_kl\ \ [ulh\hc b ijhba\h^kl_gghc ^_yl_evghklb q_eh\ nbabobfbq_kdbfb k\hckl\Zfb	ljZdlb-dhj_b_glbjh\Zggu aZ^Zgby ih khklZ\e_g obfbq_kjd\ZdpbbmqZklb hj]Zgbq_kdbo_kl\ bkihevam_fuo ^ey bo b^_glnbdZpbb \ [ulm ijhfure_gghklb	H 001 H 002
	JZa^_e Dbg_ b_l_jfh^bgZfbq_kdb_ aZdhghf_jghk ijhl_dZgby obfbq_kdbo j_	Bkke_^h\Zlv dbg_lb l_jfh^bgZfbq_kdb_ aZdhghf_jghklb ijhl obfbq_kdbo j_Zdpb	DhgljhevjZyIZ ©Kdhjhklv obfbq_kdh	
5.1	Dbg_lbq_kd b_ aZdhghf_jgh klb ijhl_dZgby obfbq_kdbo j_Zdpbc	Bkke_^h\Zlv \ebygb dhgp_gljZpZbbjmxst _s_kb\ l_fi_jZlmju gZ kdjh obfbq_kdbo j_Zdpb	ljZdlb-dhj_b_glbjh\Zggu aZ^Zgby gZ ZgZeba r \ebyxsbo gZ baf_g_g kdjhjklbfbq_kjd\Zdpbb	H 001 H 002
	JZa^_e >bki_jkgu_ kbkl_fu			
6.1	>bki_jkgu _ kbkl_fu b nZdlhju bo mklhcqb\hk	JZaebZklvbggu_ jZkl\hju dheehb^gu jZkl\hju]jm[h^bki_jkgu_ kbkl_gZ hkgh\ _	1. AZ^Zqb gZ ijbjhIh\e jZkl\hjh\ ljZdlb-dhj_b_glbjh\Zggu jZkq_lgu_ aZ^Zgby g ^bki_jkgu_ kbkl_fu	H 001 H 002

	lb	obfbq_kdh]h wdki_jbf_gIZ	bkihevam_fu_ \ [ulh\ ijhba\h^kl_gghc ^_yl_evghk]b_dZ	
7	JZa^7_e Obfby \ [ulm ijhba\h^kl_g ^_yl_evghklb q_eh_dZ	Hp_gb\Z]kve_^kl\by [ulh\h ijhba\h^kl_gghc ^_yl_evghk]b_kdZ ihabp_wdheh]bq_kdh [_ahiZkghklb	AZsbIZ d_ckZ k mq_ [m^ms_c ijhn_kkbhgZ ^_yl_evghklb	HD HD HD HD

3. Nhg h p _ghq g u ^kl\

3.1 L_dms b b gljhe nki _\Z_ fhklb

L_dms b d h g l j h e i y h \ h ^ b l k k y p _ e v x m k l Z g h \ e k g h t h y \ _ l k l \ b h y k l b ` _ g b c
h[mqZxsboky lj_[h\Zgbyf h[jZah\Zl_evghc ijh]jZffu d j_amevIZIZ
dhfi_l_gpbc h[_ki_q_gby k\h_j_f_gghc h[jZlghc k\yab ^ey dhj
kZ h k l h y l _ e v g h c j Z [h l u h [m q Z x s b o k y L _ d m s b c d h g l j h e v m k i _ \ Z _
ih\k_^g_ghc m j Z [h g u h c j _ ^ f _ l m _ j _ q _ g p _ g h q g u o k i j _ ^ k l l Z \ a _ l Z [e b p _
2.

i i	GZbf_gh\Zgb] hp_ghqgkj]h^kl\Z	DjZldZy oZjZdl_jbk hp_ghqgk]h^kl\Z	lj_^klZ\e_gb_ hp_ghqgh]h kj_^kl\ZNHK
1	lbkvf_gghuqhk	Kj_^kl\h ^ey ijh_jdb mf ijbf_gy i k r e m q _ g a g u Z g i t h y hk\h_g g h f c j _ ^ f _ l Z	Dhgljhevgu_ aZ^Zg l_fZifj_^f_lZ
2	Mklgthajhk	<hijhku ^ey h[km`^_gby g_h[oh^bfu_ ^ey dhgljhe l_hj_lbq_kdbo agZgbc bgl_jij_lZp_bdkljZ a\b]by mklghc fhgheh]bq_kdhc ^bZeh]bqj k q b c	l_j_q_gv \hijhkh\ ^ h[km`^_ighdyfZf ij_^f_lZ

Djbl_jbb b rdZeu hp_jg b mZevdZ\ bamq_gby ij_^f_lZ ijb ijh_^_gbb
ij_^klZ\ e\ gZ\ ebp_

RdZeu hp_gb\Z	Djbl_jbb bp_gb\Z gbkvf_gg udf[bgbjh\Z gln & l g aZ^Z gbc
©Hlebqg	H[mqZxsbc ky ijZ\bevgh hl_lbe gZ l_hj_l bq h k e l b q g u h i j a g \ jZfdZo mq_[gh]h fZl_jbZeZ lhdZaZe hlebqgu_ mf_ ijbf_g_gib yemq_gagguzg b r a f_g b j d \ u i h e g _ g n i b j Z ` g _ g b g u a Z ^ Z g b Hl_l b g e Z k _ ^hihegbl_e\hg jh_ku
©Ohjhrh	H[mqZxsbc ky [hevrbb g_lhqg h kb y f g Z h l_hj_l bq_kdb_ \hi ohjhrba_gZ g b j y f d Z n o q _ [g h] h _ j b Z e n Z _ g b y e Z ^ _ g b z y u d Z j b f _ g _ g ihemq_gguo agZgbc b mf_gbc ijb \uiheg_gbb mijZ`g_gb gZhevrbbgk^hihegbl_evguo \hijhkh\
©M^h\ e_l jbl_evgt	H[mqZxsbc ky k kms_kl_ggufb g_lhqghklyfb hl_lbe gZ lhdZ a n z ^ e h \ e _ l \ h j b l _ e v g u _ a g Z g b y \ j Z f d Z o m q _ [g h] h f Z l _ m^h\ e _ l \ h j b l _ e v g u _ a g Z g b y \ j Z f d Z o m q _ [g h] h f Z l _ y j b Z e Z ^ _ g b y ijbf_g_gib yemq_gagguzg b r a f_g b j d \ u i h e g _ g n i b j Z ` g _ g b g u a Z ^ Z g b >himklf g e h] h g_lhqghkjlb h c l \ _ l g Z ^ h i h e g b l _ e \ h g j h _ k u
©G_m^h l\hjbl_ev	H[mqZxsbc ky ijb hl_l_gZ l_hj_l bq_kdb_ \hijhku ijh^_f mjh_a g y Z g b r a f _ g b j d j _ r _ g b a b Z ^ Z j z f d Z n o q _ [g h] h _ j b Z e j b h l \ _ l Z ^hihegbl_e\hg jh_k u e h h i m s _ f g h ` _ k l g h _ i j Z \ b e v g l u o l h \

Lbih_u_ aZ^Zgby ^ey hp_gdb agZgbc ih l_f_ ©G_hj]Zgbq_kdZy o

1 GZmdZ h khklhZ_gbb k\hckl\Zo b ij_jZs_gbyo _s_kl\ wlh
Z nbabdZ \ [bheh]by
[obfby] f_oZgbdZ

2 We_dljhg_cljZevgZy qZklbpZ khklhysZy ba iheh`bl_evgh aZjy`_ggh
we_dljhgh\ wlh
Z Zlhf \ _s_kl\h
[ijhlhg] we_dljhg

3 Y\ e_gb_ kms_kl\h\Zgby g_kdhevdb o ijhkluo _s_kl\ ba h^gh]h b lh]
GZijbf_j ZefZa b]jZnbl dbkehjh^ b hahg [_euc b djZkguc nhknhj
Z obfbq_kdh_ y\ e_gb_ \ kl_obhf_ljby
[Zeehlhiby] nbabq_kdh_ y\ e_gb_

4 Ba ^ZggsoKl\ \u[_jbl_ keh`gh_ _s_kl\h
Z k_jgZy dbkehI Z ch^
[ZefZa] hahg

5 Ba ^Zgguo _s_kl\ \u[_jbl_ ijhklh_ _s_kl\h
Z fZj]Zgph\dZ \ oehjb^ ` _e_aZ
[ih\Zj_ggZy khev] k_j_[jh

6 DZd gZclb hlgkbl_evngx Zlhfgmx fZkkm we_f_glZ"
Z ihhfme_ [ihkfhlj_lv \ lZ[ebpm f_g^_e__\Z
\ ihkfhlj_lv \ lZ[ebpm jZkl\hjbfhklb] \ aZ^ZqZo hgZ \k_] ^Z ^ZgZ

7 NhjfmeZmM ihdZau\Z_l
Z hlgkbl_evngx fhe_dmeyjgmx fZkkm [aZdhg Z\h]Z^jh
\ dhebq_kl\h _s_kl\Z] fZkkm _s_kl\Z

8 Obfbq_kdb_ we_f_glu Zlhfu dhlhjuo hl^Zxl we_dljhgu k \g_rg_]h wg_]j
Z hdbkebl_eb [\hkkI Zgh\bl_eb
\ f_lZeeu] g_f_lZeeu

9 H^bg fhev ex[h]h]ZaZ ijb h^bgZdh\uo mkeh\byo aZgbfZ_l h^bg b lhl `_
Z e fhev [e fhev
\ e fhev] e fhev

10 FZkkZ _s_kl\ \klmib\rbo \ j_Zdpbx jZ\gZ fZkk_ wllhjZaZndhsgoky ijh^md
Z ihklhygkl\Z khklZ\Z _s_kl\ [aZdhg :\h]Z^jh
\ ke_^kl\b_ ba aZdhgZ :\h]Z^jh] aZdhg khojZg_gby fZkku

- 11 =hfh]_ggZy kbkl_fZ khklhysZy ba jZkl\hjbl_ey qZklbp jZkl\hj_g
 \aZbfh^_ckl\by wlh
 Z jZkl\hj [gZkus_gguc jZkl\hj
 \ i_j_gZkus_gguc jZkl\h] g_gZkus_gguc jZkl\hj
- 12 Kh_^bg_gby dhlhju_ \ \h^guo jZkl\hjZbk hhpblbj ihxeggZl b k g^ub wlh
 Z keZ[u_ we_dljheblu [kbevgu_ we_dljheblu
 \ dbkehlu] hkgh\Zgby
- 13 <u[_jbl_ ba ij_^klZ\e_gguo _s_kl\ dbkehlu gZah\bl_ _z
 ZBaSO₄; [NaOH;
 \ CuO; r)H₂SO₄.
- 14 <u[_jbl_ ba ij_^klZ\e_gguo _s_kl\ hkgh\Zgby
 ZCuSO₄; [KOH;
 \ HCl; r)H₂SO₄.
- 15 <u[_jbl_ ba ij_^klZ\e_gguo _s_kl\ kheb
 ZHNO₃; \ Ba(OH)₂;
 \ HI; r)CuCl₂.
- 16 <u[_jbl_ ba ij_^klZ\e_gguo _s_kl\ kbevgu_ we_dljheblu
 ZHNO₃; [HCN;
 \ H₂S; r)H₂SO₄.
- 17 ljhpk_kk jZkiZ^Z _s_kl\Z gZ bhgu ijb jZkiZ^Z\hg_b g b w l h e b
 Z we_dljheblbq_kdZy ^bkkhpbZpby [we_dljhobfbq_kdZy ^bkkhpbZpby
] j b ^ j b j h \ Z g b _
- 18 <u[_jbl_ f_lZee ba ke_^mxsbo obfbq_kdbo we_f_glh\
 Z : b 6)C1
 \ 6j &
- 19 <u[_jbl_ g_f_lZee ba ke_^mxsbo obfbq_kdbo
 Z < 6)F
 \ ;_] JV
- 20 <u[_jbl_ ba ij_^klZ\e_gguo _s_kl\ dbkemx khev
 ZNaHCO₃ [ZnOHCl \ KCl] Na₂S
 Lbih\u_ aZ^Zgby ^ey hp_gdb agZgbc ih l_f_ ©Hj]Zgbq_kdZy o
1. D m]e_\h^Zf hlghkylky
 A)]exdhaZ djZofZe kZoZjhaZ
 B) \k_ keZ^db_\g_z \klmzk
 C) kZoZjhaZ]ebpbg m]hevgZy dbkehIZ
 D) p_eexehaZ]b^jheZaZ njmdlhaZ
 E) djZofZe p_eexehaZ]b[haZ
2. < djh\v q_eh_dZ m]e_\h^u ihklmiZxl \ \b^_
 A)]ebdh]_gZ
 B) kZoZjhau
 C)]exdhau
 D) djZofZeZ
 E) p_eexe hau
3. D fhghkZoZjb^Zf hlghkylky
 A) fZevlhaZ]exdhaZ p_eexe haZ
 B)]exdhaZ kZoZjhaZ djZofZe
 C) njmdlhaZ fZevlhaZ p_eexe haZ
 D)]exdhaZ njmdlhaZ]b[haZ
 E) p_eexe haZ]exdhaZ kZoZjhaZ
4. < j_amevlZI_]b^jhebaZ kZoZjhau h[jZamxIky
 A)]b^jheZaZ b kZoZjbg
 B) mdkmkgZy dbkehIZ b wIzghe
 C)]ZeZdlhaZ b]ebpbg
 D)]exdhaZ b njmdlhaZ
 E) djZofZe wIzghe

- B) =hfheh]bq_kdhc jZaghklvx
 C) JZ^bdZehf
 D) Kljmdlmjguf a_ghf
 E) lhebf_jhf

4. < mjZ\g_gbb j_Zdpbb f_^m ZffbZqguf jZkl\Hjhfb hfd_kZgZ\kc_j_d]ZehI
 dhwnnbpb_glh\ jZ\gZ

- A) 6
 B) 3
 C) 5D)4E)2

5. FZkkh\Zy m]he_yjh^Z \ fZkeyghc dbkehl_

- A) 36,5%
 \
 C) 46,3%
 D) 54,5%

6. D]hfheh]bq_kdhfm jy^m k C]h2neiCOOH m]legthkylky dbkehlU

1. KG- KG - KHHG
 2. K~~3~~- K~~5~~- KHHG
 3. K~~3~~- K~~7~~- KG KG~~7~~- KHHG
 4. K~~3~~- KG KG~~7~~- KHHG
 5. K~~7~~31KHHG
- A) 1,2.
 B) 1,5.
 C) 2,3.
 D) 4,5.
 E) 2,5.

7. JZkiheh`bl_ \]_g_lbq_kdbc jy^ _s_kl\Z

1. ijhiZgZev ijhiZg ijbeZghjeiZg ijhiZgh\Zy dbkehlZ
- A) 24315
 B) 45123
 C) 25134
 D) 32145
 E) 12345

8. GZa\Zgb_ dbkehlU

H₃C - HC - C - OH CH₃

- A) 2-f_lbefZkeygZy
 B) 2-f_lbeijhiZgh\Zy
 C) 2,4^bf_lbei_glZgh\Zy
 D) 2,3^bf_lbedZijhgh\Zy
 E) 3-f_lbe[m]Zgh\Zy

9. =jmiiZ \ dhlhjh _s_kl\Z bfk\ylANCHeH3OH

\ C₂H₆; HCOH

- C) C₄H₁₀; HCOOH
 D) C₃H₆; HCOH
 E) C₃H₄; C₂H₅OH

10. FZkkZ fmjZ\vbgh]h Zev^_]b^Z _keb_]h h[t³] khkl]Z\ey_l ijb g m f
 \ d] d]

- D) d]
 d]

3.3.Mklgultci jh k\hijhkueyh[km`^_gby_k^h\ZgZayZgylbyo

1. :lhfgfhhe_dme yjgkZkyu FheyZgkZy
ZlhfgZfye_dme yjgkZkyu FheyZgkZy
2. Hkgh\gauZdhgblfbA Zdhgh]Z^jke_^klbZayZdhgZ
3. Wd\b\ZeFge yjgZyk kwZd\b\ZeA ZkZwgl\b\Ze_glh\
4. Hkgh\gduZkAbfbq_kklb_o^bg_gbc
5. JZkq_i humjZ\g_gjb_yfdpbc
6. Kljh_gZlhfZ
7. l_jbh^bq_kZlbdgB F_g^_e_l\jZbh^bq_kdZly_bZ zk\yavkljh_gbZlhfZ
8. Obfbq_kklZyavbiudjbklZe ebqj_krd_bbd
9. Obfbq_kklZyglbnbdZpby
10. DZq_kl_g g h e b q _ k l _ Z g g Z u e b a
11. Obfbq_kklZyglbnbdZpby
dhgp_gljZpZpbjmxsb_s_kIAZdhgckl\mxsbok
12. AZ\bkbffklklvhjklbfbq_kjd_hZcdpbb_bfi_jZlmjjuZ\bekZg#hnnZ
13. IhgylhdZIZeFa_oZg[hafh]_gg[h]hl_jh]_ggZ]ZebaZ
14. G_h[jZlbfuh[jZlbfuj_ZdpDbfbq_kjZhggh_kDhgklZjgZVgh_kby
15. NZdlhjue byxs gZkf_s_gobfbq_kdZ]gh_kljygpEi-RZl_ev_
dhgp_gljZpby
^Z\e_gb_
l_fi_jZlmjZ

3.4.KZfhklyl_ejZgZhyZ

KZfhklyl_ejZgZhyZwliheZg bj m j Z Z h l Z [m q Z x s b \ u k i y e g y _ f Z a Z ^ Z d b j x b
f_lh^bq_kjchdfh\h^kjl\ih^Z\Zlg[hya]lg_ikhj_^kl_ggh]hmqZklby
KZfhklyl_ejZgZhyZuihegyjy^nmgdplbc^dhlhjhckh[_dggh_eyxiky

- 1) jZa\b\ZxsZy
- 2) hjb_glbjm xsZy fmebjm xsZy
- 3) \hkiblZI_evgZy
- 4) bkke_ ^h\ZI_evkdZy
- 5) bgnhjZpb-hg g h q ZxsZy

P_evxkZfhklyl_evgZgylby\ey_lkkyZfhklyl_ejZgZhyZ]em[hdtb_amq_gb
h[mqZxsbfby hl^_evguo \hijhkh\ ij^f_lZ k bkihevah\Zgb_f j_dh
ebl_jZlrbj^jm]bgnhjZpbh g g l h o q g b d h \

AZ^ZqZZfhklyl_evgZgylby\eyxiky

- 1) kbkl_fZlbaZpZy_j_ie_jg b m q _ g l g u h j _ l b q _ k a g l Z g b c j Z d l b q _ k n d f b _ g b c
h[mqZxsboky
- 2) m]em[e b g Z k r b j _ g b h j _ l b q _ a g Z g b c
- 3) nhjfbjh\Z g n d _ g b k i e v a h k Z Z l h q g e n x _ j Z l m j m
- 4) jZa\b\blhagZ\ZI_ekv g k b [g h k l Z d l b \ g h k l] m q Z x s b \ k h j q _ k d h c

bgpbZl k Z f h k l y l _ e v g h k l b l _ g g h k j l] Z d b a h \ Z g g h k l b
<g_Zm^bl k Z f h k l y l _ e j Z g Z h y Z d e x q Z Z d m h j f u j Z [h l u Z d

- bg^b\b^mZeZgylby\eyfZrgZgylby
- jZ[hllZmq_[gbl d h g k i _ d e h f d p b b
- bamq_jg d h f _ g ^ m b f u l o q g b d h \
- dhgki_dlbjh b Z g h q g b d h \
- jZ[hllZwe_dljhg d g f r b j f Z p b h g j u k r b j k Z f b k m j k Z f e b n e t ;
- khklZ\ e k o b f Z [e b p e k b k l _ f Z l b a n Z o b l o g h Z h _ j b Z e Z
- ih^]hlh\ d Z a _ g l Z p b c
- hl_lgZdhgljhev\ g u i j h k u
- gZibkZ g k l _ a b k h h d e Z ^ h h _ j Z l h \
- khklZ\ e] g b k k Z j b j h k k \ h j ^ Z l h h l _ f Z f j _ ^ f _ l Z

GZb[hagZkljhb bamq_gnab [gh]h^f_l@Ebl_jZlrb kZhev amk k e k y m x s b b ^ u
kZfhklyl_evghc jZ[hlu klm^_glh\

- ih^]hlh\ d Z Z a b l _ e v g h j h k y b o h l \ h j _ g g Z b c a m k l v
 - ql_g b Z g Z e i p a b a \ _ ^ _ g b k l Z \ e _ l g b j h k h h i j h b a \ _ ^ _ g b x
 - gZibkZ g b q b g _ g k k _
- ljh_j d k Z Z f h k l y l _ e j Z g Z h y Z u i h e g y _ g Z n y j h d _

L_fukZfhklyl_ejZgZhyZhdumq_[ghf m^f_l@Ebl_jZlmjZ^a

Khh[s_g@JZa\b\b\b\b\b i_j\hc iheh\bXIX \ ^ a @JZa\b\b\b\b\b Jhkkbb^a
©Obfbdfbjbdb©Obfky cqZk^a

Djbl_jbb hp k g d ps_gbc

1. Khh\ _lklk b ^ _ j ` Z g b h [s _ g b f _
2. KZfhklyl_evg h k e v g _ g Z y h l u] e m [b i g Z j Z [h l d Z l _ j b Z b Z i e v a h \ Z g b _
j_dhf_g^h\Zbg g h j Z \ h q e h l c j Z l m j u
3. Eh]bqg h k i h k e _ ^ h \ Z I _ e v g h k l v g b y
4. H[hkgh\Zg d h k b Z a Z I _ e v g h k l v \
5. =jZfhlg h k a e h ` _ g b Z q _ k h \ n h j f e _ g Z y h u
6. Bkihevah\ g Z j b e y ^ g Z] h j b Z e Z

Hp_gdZ ©hl em q g h g u c f Z l _ j b Z e h k \ h _ g h [m q Z x s b f k y \ i h e g h f h [t _ f
\ f Z I _ j b Z i h e g b Z j] m f _ g l b j h h Z g l q Z g Z h i h e g b l _ e v g h j h k u a e Z] Z Z l l _ j b Z b] b q _ k d b

ihke_ ^h\ZI_evgh ^_eZ_l kZfhklhyl_evgu_ \u\h^u mfhaZdexq_gby
bkihevamZll_jbZba ^hihegbl_evglukl qg bdbgl_jgj_lkmjkUkh[h[s_gtg_hkbl
bkke_ ^h\ZI_eoZjZdcl_J_qvoZjZdl_jbamvfhkpybhgZevgjhZcabl_evghklvlkd
^bdpb_klbebkibq_bdbhcnhwibq_kjdZfhlgkklvx BkiheZjery^lguc fZI_jbZe
ij_a_gIZpby

Hp_gdZohjhrh^ih k\hbfoZjZdl_jbklkdZfs_gb[mqZxs_]khkyl\lkl\m_l
oZjZdl_jbklbdZf hlebqgh]h hl\lZ gh b[kimudZxZlvc ky_dhfhjlu_aZljm^g_
hl\lZgZ ^hihegbl_evgu_ \hijhku ^himkdZlv g_dhlhju_ ih]j_rghklb
bkke_ ^h\ZI_e k kichgc_gklh[h[s_gbb

Hp_gdZn^h\le_l\hjbt_le[mqZxs_bckiyulu\Zjem^ghklith^[hjfZI_jbZeZh
kljm d bnh\Zgbb evah\Ze k y gh\g lmfq_[g hcl_jZlmg_h bkihevah\Zie egbl_evgu_
bklhqqbdb bgnhjfZpbp G_fh`l hl\lblv gZ ^hihegbl_evgu_ \hijhku ih
baeZ]Z_l g_ ihke_ ^h\ZI_evgh g_ mkIZgZ\eb\Z_l yeh]bq h kforbebjk\yab
\u\h^h^himkdZlblebkibq_kdb_ b hjrhrw[dbq_kdb_

Hp_gdZ ©g_m^h\le_l\hjbklh le[mqZxs_b_ h[mqZxsbfky g_ ih^]hlh\le_
ih^]hlh\le_gh^gh hnk l hqg b g m h j f Z p e b d h g h h l \ l k l \ m _ l l _ f _

3.2 Ijhf_`mlhqgZly_klZpby

Mq_[guf ieZghf ij_^mkfhlj_gZ nhjfZ ijhf_`mlhqghc Zll_kl
©Obfbyh^ k_f_kjaZq_l

- <hijhkueyh^]hlh\dbjh\^_grmklg h]ij hkiZij_ ^f_l ©Obfbyh^ k_f_kl j
- 1. lhgyld_jfh^bgZfbq kb d h c f d k g h \ g l u _ j f h ^ b g Z f b q n k n d d p b b
- 2. L_jfhobfbq_jkZkln_AuZ d k g k k z e _ ^ k l b t a g _] h
- 3. WgljhiByaf_g_ g v g l j h i b b Z a h \ u o j _ o h ^ b z o f b q _ k j d b z o d p b y o
- 4. Wg_jj]bly[[kZjbl_jkZfhijhba\heijgh]dZg_jhpy_kklb\ah ebjh\Zlg_kulo_fZ o
- 5. Dhfie_dkghu^bg_gby
- 6. DeZkkbnb d Zlp b j] _ g l g b u k o l _ f
- 7. JZkl\hjuZkl\hjbfbhklsv_klkhkh[w j Z ` _ g d b y g p _ g l j z p b b h j h \
- 8. We_dljheb l b q b k k l Z p b Z p b y d l j h e b l b q b k k l Z p b Z p b u y G
- 9. KbevgtkeZ[we_dljheklui_g b k k h p b Z p b g k l Z g b k k h p b k p e p u o
we_dljheblh\
- 10. J_Zd p b b h g g h] h f _ g Z
- 11. K\hckljZa[Z\le_g d k b \ h j b \ w e _ d l j h e h k l f h l b q _ k Z h e _ g A Z d h z g p h n n Z
- 12. >Z\le_g b z k u s _ g g d] h j Z k l \ h j h f
- 13. Dbi_gbaZf_jaZgk\hjh\
- 14. JZkl\hju_e_dljhe b l l d \ e h g _ r g l a Z d h g d Z m b e y Z g p h n n Z
- 15. Dheehb^gZk\hjb oh[jZah\Zlg l j m d l r b k Z h c k l e Z l b q _ k d b h c k l d e e h b ^ g u o

jZkl\hjh\

- 16. =b^jhektae_Mk k b e _ g b h ^ Z \ e _ j t b ^ j h e b a Z
- 17. lhgyldhkl_i_g d b k e _ b l d y k e b l _ e h v g k h l Z g h \ b l _ j e v Z d u p b b
- 18. DeZkkbnb d Z p b e b l _ e h v g k h l Z g h \ b l _ j e v Z d u p o b c
- 19. Kihkh[kuhklZ\le_rjtz]g_g b d b k e b l _ e h v g k h l Z g h \ b l _ j e v Z d u p o b c
- 20. We_dljhe h u _ g p b Z e g y l h [w e _ d l j h ^ i g u o g p b Z e b z o a f _ j _ g b _
- 21. <h^hjh^gvec_dhJy^klZg^Zjlyueo_dljhe h u o g p b Z e h z e e h \
- 22. =Zev\Zgbqw_k d b_gWu> kZev\Zgbq_vk d h f] h g l Z
- 23. ljbqbgij_djZs_g d y h l j Z e v \ Z g b q _ v k d h f] h g l Z
- 24. :ddmfmeylhjhup_kkiuhl_dZxsihbjZajy^baZjy^d b k e h l g h \$ h e h q g h] h

Zddmfmeylhjh\

- 25. We_dljhe b a u e _ d l j h e k l h e v a m ^ e y n k m s _ k l \ e i j g p y k w h e _ d l j h e b a Z
We_dljhe b a e Z v h e _ d l j h e b l h \
- 26. Hkh[_ggjhkZtebaZpobdljhe h u o _ k k i h b w e _ d l j h e b l a l \ h j w e _ d l j h e b l h \
- 27. AZdhge_dljhebaZ
- 28. lJZdlbq_kidhf_g_gve_dljhebaZ
- 29. We_dljheobfbq_jkZdZyfd_ZeethkieZ\Hhemq_gZbe_v\Zghihdjuibc
- 30. DhjjhafyZeekb^ahjjhafb_dZeeh\
- 31. We_dljheobfbq_hkjchZayy
- 32. :gh^gubdZlh^gu_ ijhpihklkdZxsihpbwe_dljheobfbq_hkjchhafb_dZeeh\
- 33. F_lh^aZsblfu_lZeethldhjjhabb
- 34. Hkh[_ggthk]Zgbq_kdbobg_gbc

35. ljb g p b i u h k l j h _ d b ø d h \ f u h e _ d l o g e m d e _ b g d h b k e h l
36. D h f i e _ f _ g l Z j g h k l v
37. H k g h \ u b f b b F K l h e b f _ j u