

Муниципальное автономное учреждение
дополнительного образования
«Черняховская детская музыкальная школа»

Принята педагогическим советом
МАУДО «Черняховская ДМШ»
Протокол №4 от 14.06.2018г.



**ДОПОЛНИТЕЛЬНАЯ ОБЩЕРАЗВИВАЮЩАЯ
ОБЩЕОБРАЗОВАТЕЛЬНАЯ
ПРОГРАММА В ОБЛАСТИ
МУЗЫКАЛЬНОГО ИСКУССТВА**

Срок освоения – 1-7 лет

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g Z m q i g \ Z d l b q _ k d b o d h g n _ j _ g p b y o n _ k l b \ Z e y o d h g d m j k z
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i j h k f h l j u d h g p _ j l g u _ \ u k l m i e _ g b y l _ Z l j Z e b a h \ Z g g u _ i j _
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N h j f u h j Z g b a Z p b b ^ _ y l _ e v g h k l b
H k g h \ g Z y n h j f Z h j Z g h \ b a Z p b b
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g Z \ u d b h [s _ g b y k h k e m r Z l _ e v k d h c Z m ^ b l h j b _ c \ i j h k \ l b l _ e v k d h c ^ _ y l _ e v g h k l b h [j Z a h b Z l _ e v g h c h j Z g b a z
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j_dhf_g^Zpbc Fbgbkl_jk\l\Z dmevlmlj\ b e\h\h k\gbb\c_kd\dc ibkvf
Fb\g\ mev\l\mju Jhkkbb\ h\ l ghy[jy] ≠ B jZkkqb\Zgu
gZ kjhd hk\h_g~~beyf\h~~audZevgh_ b\k\kh\ehgbl_\q\h^Z ohjh\h_i_
]h^Z ©;_k_ ^u h" ©m\h\q\sl_a wkl_l\b q_kdh_ jZa\b\l\ b_ ^\l\ _\c
\hajZk\l Z^a
kjhd h[mq_gby]h^Z

Mq_[gu_ i ejh e g bl_e v gu o h[s_j Za\b\Z x s b o ij h]j Z ff
b k d m k i \^m k f Z l j b \Z x l
I j_ ^f_ l g u_ h[e Z k l b
m q_[gu_ ij_ ^f_ l u b k i h e g bl_e v k d h c i h ^]h l h \d b
m q_[gu_ ij_ \^f k l h j b \d h h j_ l b q_ k h d \h]h l h \d b

Mq_[gu_ ieZgu rdheu jmdh\h^kl\mx\ky
N^_jZevguf aZdhghf ©H[h[jZah\Zgb b^a hl NA^_dZ[jy
ijbf_jguff mq_[guf ieZgZfb j_dhf_g^h\Zggufb Fbg b k
dmevlmj Jhkkbckdhc N^_jZpbb \]h^m
Z]_glkl\Z dmevlmj_ b dbg_fZlh]jZnb\hl
P_evx ^Zgguo mi©Z[ghu\oy\ey_lk\ya^Zgb_ gZb[he__ [eZ]hi
mkeh\bc hj]ZgbaZpbb mq_[gh]h ijhp_kkZ k mq_lhf hkh[
lZd`_ h[_ki_q_gb_ j_r_gby az^Zq bg^b\b^mZevgh]h ih
iha\he\he__ lhqgh hij_^_eb\lv i_jki_dl\bu jZa\b\by dZ`^
kZfuf ^Zkl \hafh`ghklv [hev\fm dhebq_kl\m ^_l_c \c
om^h`kl\ggh]h h[jZah\Zgb\oy ieZg h[jZah\Zl evghc ij
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©nhjl_ibZgh^a ©kdjbldZ^a ©[Zyg^a ©Zddhj^_hg^a ©[ZeZ
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i i	G Z b f _ g h \ Z g b _ i j _ ^ f _ I Z	= h ^ u h [m q d e g Z k k u D h e b q _ k l \ h Z m ^ b l h j g u o g _ ^ _ e x	I j h f _ ` q Z k b g \ Zy	B l h] h \ Z y Z II _ k I Z	de Z k k		
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ij_ ^f_lh\ ih \b^Zf b kdmkk\h\ _^Fbbggb_f npf_kh^_j`Zgb y ijh]jZ
h[_ki_qb\Z_l p_ehk\ gh_ awk\h\ib\k\ dgh\h jZa\b\ b_ ebqghk\l
ijbh[j_l_gb_ _x \ ijhp_kk_ hk\h_gby h[jZah\Zl_evg hc ijh]
bkihegbl_evkdbo b l_hj_ibq_kdbo agZgbc mf_gbc b gZ\l
J_am evlZl h\y h\h\j\ffu y\ey_iky ijbh[j_l_gb_ h[mqZxs
ke_ ^mxsbo agZgbc mf_gbc b gZ\udh\ \ ij_ ^f_lguo h[eZk
\ h[eZk\ b fmaudZevgh]h bkihegbl_evk\l Z
agZgby oZjZdl_jguo hkh[_gghkl_c fmaudZevguo `Zgjh\l
k\l bebk\ b q_kdbo gZijZ\ e_gbc
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mf_gby]jZfhlgh bkihegylv fmaudZevgu_ ijba\ _^_gby
mf_gby kZfhk\ hyl_evh jZamqb\Zl v fmaudZevgu_ ijba\l
b k\l be_c
mf_gby kha^Z\Zl v om^h`_k\l\ gguc h[jZa ijb bkiheg_gbb
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g_keh`gh]h fmaudZevgh]h ijba\ _^_gby
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i_j\bqguo gZ\udh\ \ h[eZk\ b l_hj_ibq_kdh]h ZgZebaZ b
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gZ\udh\ im[ebqguo \uklmie_gbc
\ h[eZkib l_hj_lbq_kdh]h pbdeZ
agZgby fmaudZevghc]jZfhlu
agZgby hkgh\guo wlZih\ `bag_ggh]h b l\hjq_kdh]h imlb
aZjm[_`guo dhfihablhjh\ Z lZd`_ kha^Zgguo bfb fmaudZ
i_j\phgu_ agZgby \ h[eZkib kljh_gby deZkkbq_kdbo fmaudZ
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mf_gby hkfukeb\Zlv fmaudZevgu_ ijhba_\^_gby kh[u]b
ibkvfgghc nhjf_ \ nhjf_ _\^_gby [Vk_\^ ^bkdmkkbc
iX_amevlZlu hk\h_gby ijh]jZffu ih mq_[guf ij_\^f_lZf hljZ
gZebqb_ m h[mqZxs_]hky bgl_j_kZ d fmaudZevghfm bkd
fmaudZevghfm bkihegbI_evkl\m
knhjfbjh\Zgguc dhfie_dk bkihaeggZgbl\^e v kndfb\^gbc b gZ\udh\
iha\heyxsbc bkihevah\Zlv fgh]hh[jZagu_ \hafh`ghkib ^
gZb[he__ m[\^bl\evghc bgl_jij_lZpbb Z\lhjkdh]h l_dkIZ
gZdZieb\Zlv j_i_jlmZj ba fmaudZevguo ijhba_\^_gbc jZa
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fmaudZevgh]h kemoz b iZfyIb qm\k\^l\Z eZ^Z f_ljhjblfZ
klbe_c kihkh[kl\mxsbo kZfjhk\^l\^hcevghkib \ lhf qbke_
i_j\bqgu_ l_hj_lbq_kdb_ agZgby \ lhf qbke_ ijh_n_kkbh
l_jfbgheh]bb
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fmaudZevgh]h ijhba_\^_gby
mf_gb_ ijhZgZebabjh\Zlw hb kj\^h\^k\^fd\^a\^Zle_gbb hl ijkemr
fmaudZevgh]h ijhba_\^_gby ijh\^k\^l\^b Zkkhpbzlb\gu_ k\ya
`bag_ggh]h hiulZ beb ijhba_\^_gbyfb ^jm]bo \b^h\ bkdm
i_j\bqgu_ agZgby h jheb b agZq_gbb fmaudZevgh]h bkd
^mo\^gjZ\^k\^l\^gghf jZa\bl\^b q_eh\^dZ
agZgb_ l\hjq_kdbo [bh]jZnbc aZjm[_`guo b hl_q\^k\^l\^ggu
kh]eZkgh ijh]jZffguf lj_[h\Zgb[yf
agZgb_ \ khh\^l\^k\^l\^b\^b k ijh]jZffgufb lj_[h\Zgb[yfb fmaudZ
aZjm[_`guo b hl_q\^k\^l\^gguo d\^bfq\^g\^a\^b\^l\^b\^k\^h\^j\^b\^p\^k\^d\^b\^o i_jbh
klbe_c `Zgjh\ b nhjf hl wihob [Zjhddh ^h kh\^j_f_gghkib
mf_gb_ bkihegyIv gZ fmaudZevghf bgkljmf_gl_ l_fZl\^b\^q_
ijhc^_gguo fmaudZevguo ijhba_\^_gbc
gZ\udb ih \uiheg_gbx l_hj_lbq_kdh]h ZgZeb\^a\^Zg\^b\^y audZe
nhjfu klbe_\uo hkh[_gghkl_c `Zgjh\uo q_jl nZdlmjguo
eZ^h\uo hkh[_gghkl_c
agZgb_ hkgh\guo bklhjbq_kdbo i_jbh^h\ jZa\bl\^b\^y aZjm[_
fmaudZevgh]h bkdmkk\^l\^Z \h \aZbfh\^y\^ab k ^jm]bfb \b^Zf
bah[jZ\^a\^b\^h]h l_Zl\^jZevgh]h dbghb\^k\^d\^m\^k\^k\^l\^Z ebl_jZl\^m\^j
klbebklbq_kdb_ gZijZ\^e_gby `Zgju

a g Z g b _ h k h [_ g g h k l _ c g Z p b h g Z e v g u o l b X t H b q h b \ c f m m a n e d \ d e h j
m f _ g b _ \ m k l g h c b i b k v f _ g g h c n h j f _ b a e Z] Z l v k \ h b f u k e
d h f i h a b l h j h \ l
m f _ g b h i j ^ _ e y l v g Z k e m o n j Z] f _ g l u l h q l g h b] t b f b o g h u] d h Z b a g h q l
i j h b a \ ^ _ g b y

om^h`_kI__ggh_ bkiheg_gb_ kj_^_kI\ fmaudZevghc
khhl__kI__bb k kh^_j`Zgb_f fmaudZevgh]h ijhba_\^_gby
kemoh\hc dhgljhev kh[kI__ggh]h bkiheg_gby
dhjj_\b\jh\dm b]ju ijb g_h[oh^bfhc kblmZpbb
\eZ^_gb_ hij_^_e_ggufb l_ogheh]bq_kdbfb \b^Zfb bk
\ujZabl_evghklv bglhgbjh\Zgby
^_bgkl\h l_fiZ
ykghklv jblfbq_kdhc imevkZpbb
yjdh_^_bgZfbq_kdh_ jZaghh[jZab_
dZq_kI__ggh_ a\mdhba__e_q_gb_
bgb\b^mZevgh_ hlghr_gb_ d bkihegy_fhf m ijhba_\^_gby
gZb[he__ m[_^_bl_evgh]h \hiehs_gby om^h`_kI__ggh]h az
Hp_gdZ ohjhrh \uklZ\ey_lky az
aZ hkfuke_ggm x b \ujZabl_evgm x b]jm gh k
ih]j_rghklyfb
g_agZqbl_evgl\bxevgg_hk\Zv ikboheh]bq_kdh]h ih_\^_gby
bkiheg_gb_ ijh]jZffu gZbamklv k g_[hevrbfb l
klbebklbq_kdbfb g_lhqqghklyfb
ihgbfZgb_ nhjfhh[jZah\Zgby ijhba_\^_gby fmaudZevghc
fmaudZevghc \ujZabl_evghklb
g_^_hkIZlhq\gnuoch\k\ec dhgljhev kh[kI__ggh]h bkiheg_gby
kIZ[bevghklv \hkijhba_\^_gby ghlg[h]h l_dkIZ
\ujZabl_evghklv bglhgbjh\Zgby
ihiuldZ i_j_^_Zqb ^bgZfbq_kdh]h jZaghh[jZaby
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Hp_gdZm^_h\le_l\hjbl_evgh \uklZ\ey_lky az
b]jm k h]jZgbq_ggufb l_ogbq_kdbfb \hafh`ghklyfb h
ieZklbqghkib b]jh\h]h ZiiZjZIZ
g_mklhcqb\h_ ikboheh]bq_kdh_ khk\hygb_ gZ kp_g_
bkiheg_gb_ ijh]jZffu gZbamklv k g_lhqqghklyfb b hrb[
nhjfZevgh_ bkiheg_gb_ [a h[jZagh]h hkfuke_gby fma
keZ[uc kemoh\hc dhgljhev kh[kI__ggh]h bkiheg_gby
l_fihjblfbq_kdZy g_hj]Zgbah\Zgghklv
h^ghh[jZab_ b fhghlhgghklv a\mqZgby
Hp_gdZ g_m^h\le_l\hjbl_evgh \uklZ\ey_lky az
h\km\k\l\b_ fmaudZj\Zaglh\k\l\b \ bkihegy_fhf ijhba_\^_gby
keZ[h_ agZgb_ ijh]jZffu gZbamklv hklZgh\db
fgh^_kI__ggu_ hrb[db \ \hkijhba_\^_gbb ghlg[h]h l_dkIZ
]jm[u_ l_ogbq_kdb_ hrb[db b iehoh_ \eZ^_gb_ bgklj
h\km\k\l\b_ kemoh\h]h dhgj\h\eybkh\h\elg_gby
gbadh_ dZq_kI\h a\mdhba__e_q_gby b a\mdh_\^_gby
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H p _g d Z © ^a ©m ^h \e _l \h j b l _e v g h ^a
h r b [d b i l h d e Z ^_g b _ b g l h g Z p b _c j b l f b q _k d b _ g _l h q g
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\e Z ^_g b _ g Z \u d Z f b b k i h e g _g b y f _l j h j b l f b q _k d b o k h h
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^h k l Z l h q g h \e Z ^_g b _ g Z \u d Z f b b k i h e g _g b y f _l j h j b l f b
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f _l j h j b l f b q _k d b o k h h l g h r _g b c \b a m q Z _f u o i j h b a _ ^_g b y o
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g _ \e Z ^_g b _ g Z \u d Z f b \u q e _g _g b y h k f u k e _g b y
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d Z q _k l \h \u i h e g _g b y i j _ ^e h ^_g g u o a Z ^Z g b c
b g b p b Z l b \g h k l v b i j h y \e _g b _ k Z f h k l \b y h j e n d g h k l Z d d \b
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m k i _\Z _f h k l b i j h f _`m l h q g m x b b l h]h \m x Z l l _k l Z p b x h [m q
< d Z q _k l _k j _ ^k l \l _d m s _]h d h g l j h e y a n m k x i l k \y d f t h g k l l j b \b v k g b
j Z [h l u m k l g u _ h i j h k u i b k v f _g g u _ j Z [h l u l _k l b j h \Z g b _
d h g p _j l u i j h k e m r b \Z g b y l _o g b q _k d b _ a Z q _l u
" i j h \h ^b l k y \n h j f _ d h g l j h e v g u o m j h d h \
i j h k e m r b \Z g b \Z ^_f b q _k d b o d h g p _`h u \w d a Z f _g h \
l h a Z _j r _g b b b a m q _g p y ^f m q h \g i h o b i l h]Z f b Z h l j h k h Z p b b
h [m q Z x s b f k y \u k l Z \e y _l k y h p _g d Z d h l h j Z y a Z g h k b l k y \ h
h d h g q Z g b b r d h e u
l h h d h g q Z g b b d Z ^h c q _l \j l b i h e m]h ^b c m q _[g h]h]h ^z
i h d Z h f m m q _[g h f m i j _ ^f _l m

" ij h\h^b l k n y h \f_ \u i m k d g h] h w d a Z f _ g Z \ \u i m
d e Z k k _
I h b l h] Z f \u i m k d g h] h w d a Z f _ g Z \ u k l Z \e y _ l k y h p _ g d Z @ h l
© m ^ h \e _ l \h j b l _ e v g h ^ a
< d h g p _ m q _ [g h] h \h i \t \f k ` m b h \d g u o \b d h \h \p \f h \d a m e v l Z l h \
] h ^ h \h c i j h f _ m l h q g h c Z l l _ k l Z \t \p b \u h k \h \d g \e x x \b k y] h ^ h \u _ h p
H [m q Z x s b _ k y h k \h b \r b _ \i h e g h f h [t _ f _ h [j Z a h \Z l _ e v g m]
] h ^ Z i _ j _ \h ^ y l k y \k e _ ^ m x s b c d e Z k k
H [m q Z x s b _ k y b f _ x s b _ i h b l h] Z f d \t \q _ [\t \p] \k d \t \h \t \Z a Z ^ h e ^ g g
i h h ^ g h f m i j _ ^ f _ l m g Z h k g h \Z g b b j _ r _ g b y l _ ^ Z] h] b q _ k d h
k e _ ^ m x s b c d e Z k k m k e h \g h H [m q Z x s b _ k y h [y a Z g u e b d \b
a Z ^ h e ^ g g h k l v \l _ q _ g b _ i _ j \h c m q _ [g h c q _ l \j l b
< h i j h k u i _ j _ \h ^ Z h [m q Z \k s e] \h r k x s b c d e Z k k h l g h k y l k y d b k
d h f i _ l _ g p b b l _ ^ Z] h] b q _ k d h] h k h _ l Z
H [m q Z x s b f k y k ^ Z \r b f \u i m k d g u _ w d a Z f _ g u \u ^ Z _ l k y k \b
h d h g q Z g b b h [m q _ g b y \r d h e _

< F m g b p b g Z h e Z \ l h g h f g h f m q j _ ^ _ g b b ^ h i h e g b l _ e v g h
© Q g y o h \ k d Z y > F R ^ a j Z a j Z [h l Z g Z k l b j l b l l f j h h Z p g g Z d y g Z
\ u y \ e _ g b l j Z a Z H \ e v g u o ^ h k l b h [n g b Z x s b o k y < r d h e _
b k i h e v a m _ l i k y l b [Z e e v g Z y k b k l _ f Z h p _ g h d

" X0" " . " 0"
L\hjq_kdZy b d~~mjek~~k\m\j\g\h ev k dZy ^_yF:~~M~~~~v~~~~g~~~~Q~~l v j g y o h \k d Z y
>FR^a gZijZ\ e_g u gZ jZa\b l b_ l\hjq_kd bo kihkh[ghkl_c h[ijhiZ]Zg^m kj^b jZae b q guo keh_\ gZk_e_g by emqrbo ^b aZjm[_`gh]h bkdmkk\Z bo ijbh[s_gb_d ^moh\guf p_g j_ZebaZpbb l\hjq_kd hci jbh kd\m lebvl\ne jvghh c ^_y l_Fe:~~M~~~~g~~~~h~~~~H~~~~K~~ l b \
©Q_j g y o h \>FR^a y kha^Zgu ^_l kdb_ b i_ ^Z]h]bq_kdb_ l\hjq_Bf_ggh w\l b \b^u ijZdlbq_kdb cy \e_yx\keyw\gl\kg h\hc mq_[guo \g_deZkkguo f_jhijbylbc Z lZd`_ kihkh[kl\mxl j_r_gb x h\hijkZkhojZg_gby _^bgk\Z h[jZah\Zl_evgh]h ijhkljZgk\ \[hev rZy jhev dhij\p k\l g\bl ev kdhc jZ[hlu \ oh^_s\bl\h\k\yjhc hijbh[j_lZxl kp_gbq_kdb_ gZ\udb ihdZau\Zxl ijbh[j_l_ggu kh\jr_gkl\mxl ihemq_ggh_ fZkl_jkl\h H[mqZxs b FkM>H ©Q_j g y o h \>FR^a Z y m q Z k l g b d b n_kl b\Ze_c dhgdmjk\h\ jZae b q gh]h mj h\g y < h j]Zgb aZpbb d~~mjek~~k\l\m\j\g\h ev k d h c k_by l_e\Z\gl\h]bq_kdb c dhee_d\l b\ F:\del{Q}H j g y o h \k d Z y >FR^a b koh^b l ba ke_ ^m x s b Hl mq_[ghc ^_y l\±\e\l\g\p\k\g\h\ l j b h[s_gb_ h[mqZxs b o k y k jZg dhgp_j\l g\h c ijZdl b d_

Nhjfbjh\Zgb_ fh\l b\Zpbb h[mqZxs_]hky d h[mq_gb x q_j_a
ij hy\egb_ k_[y
Nhjfbjh\Zgb_ f_`ij_ ^f_lguo h[eZkl_c b k\ya_c ^ey kha^Z
h[jZah\Zl_evgh]h ijhkljZgk\Z \rdhe_
WfhpbhgZevgZy b ikboheh]bq_kdZy j_eZdkZpby q_j_a h[
GjZ\kI\ggh_ b iZljbh\l bq_kdh_ \hkib\Zgbu_\g\g\g\h\k\g\h\q_j
^_yl_evghk\l b
 >ey ^h\k\l b`_gby \ur_baeh`_ggh]h rdheZ bkihevam_l k
^_yl_evghk\l b
L_fZ\l b\q_kdb_ \q_jZ k dhgp_j\Zfb h[mqZxs\l bok y b ij_ih^
rdhevgu_ dhgp_jlu b h\l djulu_ mjhdb ^ey jh^bl_e_c
ijb\l e_q_gb_ \uimkdgbd\h\rdh\m\q\Z\k\bb\k\h\j\q_kdbo dhee_d\l b\l
j\Zgbazpby wdkdmjkbc ih_a^hd \ dhgp_j\l gu_ aZe u fma

" " " " " / " "
I h^ ^ _ j ` b \ Z \ v d h g p _ j l b j m x s b o b i j Z d l b d m x s b o i j _ i h ^ Z \ Z l _ e
: d l b \ g h b k i v a h \ Z \ v k j _ ^ k l \ Z f Z k k h \ h c b g n h j f Z p b b ^ e y i j h i z
n b e Z j f h g b q _ k d h c ^ _ y l _ e v g h k l b j Z ^ b h i _ q Z \ v B g l _ j g _ l
l j h ^ h e ^ Z \ v b j Z a \ b \ Z \ v l j Z ^ b p b b l \ h j q _ k d h c b d h g p _ j l g h c
` b l _ e _ c] Q _ j g y o h \ k d Z Q _ j g y o h \ k d h \ k d \ Z c h g [Z Z D l \ b e b g b g
k h \ f _ k l g h k m q j _ ^ g b y f b d m e v l m j u b h [j Z a h \ Z g b y Q _ j g

" " " "
Ih^_j`b\Z|v kha^Zgb_ b ^_yl_evhk|v l\hjq_kdbo dhee
Kh^_ckl\w\h\k\Z^Zgbx mkeh\bc ^ey l\hjq_kdh]h jZa\b\by
h[mqZxsbo\ky
Ih^_j`b\Z|v jZ[h|m kh|jm^gbdh\ rdheu k ^_lkdbfb kZ^Zfb
h[s_h[jZah\Zl_evgufb rdheZfb ij_ ^ijby\byfb b mqj_ `^_g

JZa\b\Z\l v^b_jhb\Z\l v \g_deZkkgm x jZ[hlm gZijZ\ e_ggm x g
fmaudZeovng\h`_k\l _gguf p_gghklyf \hkiblZggbdh\ ^_lkdbo
mqj_`^_gbc mqZsboky h[s_h[jZah\Zl evguo rdhe
lh^_j`b\Z\l v jZ[hlm k jZae bqqufb]jmiiZfb gZk_e_gby
JZa\b\Z\l v nhjfu \g_dZ\h\k\l g\hcZijZ\ e_ggu_ gZ jZa\blb_ l\hj
Zd\l b\ghk\l b h[mqZxsboky \gmljbrdhevgu_ b f_`deZkkgu_
l_Zl\jZebah\Zggu_ ihk\l Zgh\dfbm a\bd\l Z\j\l g\h\hfihabpb b dh
^ey mqZs\h\l\ksy_h[jZah\Zl evguo rdhe ^_lkdbo kZ^h\

Kh^_ckl\h\Z\iv jZa\b\bx f_\h^bq_kdh]h ih\gp\Z eZ ij_ih^z
Ih^_j`b\Z\iv k\ojZg_gb_ l\jZ^bp\h\gg\o nhjf f_\h^bq_kdh
mjh\h\ \aZbfhih\k_s_gbc h\h\l\hs^bg\ck d\hod\k Z^h\ j_n_jZ\h\l
Ih^_j`b\Z\iv b kh^_ckl\h\Z\iv im[e\bdZp\bb jZ[h\l ij_ih^z\Z\iv
JZa\b\Z\iv i_jki_d\l b\gu_ nh\jfu f_\h^bq_kd\h\Z k\k\l\h ku_f\h\g\Z\ju
dhgn_j_gpb\bb gZ mjh\g_ jZch\gZ b h[e\Z k\l
<g_ ^jy\l v f_\h^bq_kdb_ jZajZ[\h\ed\k irjd\h\le\Z\Z\Z\h q_[g u c ijhp_
Ih^_j`b\Z\iv b jZa\b\Z\iv k\yab k H[d\k\bg\gu fk\h\bf\p\g\l\jhf]
DZe\bg\bg]jZ^z

I h ^ ^ _ j ` b \ Z l v k h l j m ^ g b d h \ r d h e u a Z g b f Z x s b o k y f _ l h ^ b q _ k
" " 0"

JZajZ[hIZ\|v kbkl_fm dhgp_jlguo f_jhijby\|bc k mqZk\|b_f
dhee_dlb\h\ rdheu kh]eZkgh ieZgZ jZ[hlu
GZeZ`b\Z\|v kh\|jm^gbq_kl\h k ^jm]bf b dmevlmjgufb b h[jz
hj]Zgbazp\|hyjfb^Z h[eZk\|b b kljZg [eb`g_]h aZjm[_`vy
"" "" "" "" "" "" "" ""

Ijh^he`Zlv ijh\h^blv l\hjq_kdb_ h\lq_lu ij_ih^Z\Zl_e_c
Ijh^he`Zlv ijh_\^gb_ l_fZlbq_kdbo _q_jh\ dhgp_jlh\ e
fmaudZevguo dhfihabpbC kh[jZgbc
lh^A i`h\Zly A lkdb dhgpjh\muu dhee_d

Ijh_\^_gb_ jh^bl_evkdbo kh[jZgbc ih ZdlmZevguf \hijkZ
h[jZah\Zgby \ jZfdZo h[s_rdhevgh]h jh^bl_evkdh]h kh[jZ
lh^_j`b\Zlv bgbpbZlb\gmx]jmiim \jZx\\$b_oei_hc^_h\jZdmu rdhe
Hj]Zgbah\Zlv kbkl_fZlbq_kdh_ bamq_gb_ bgl_j_kh\ b ihl
qZk\^b ^hihegb\ evgh]h h[jZah\Zgby ^_l_c Z lZd `_ mjh\h[mq_gb_f \ rdhe_ Zgd_lbjh\Zgb_ mklguc hijk [k^u
Hj]Zgbah\Zlv kbdklu_lfuno \mljhdh\ ^ey jh^bl_e_c ^ey hdZaZgb
h[mq_gb\^bb k\hbo ^_l_c

" ih^he`Zly iih\ ^ qb \g deZkkquo f ihiibylbc

J_ZebaZpby ijh]jZffu h[_ki_qb\Z_iky ^hklmihf dZ`^h][
[b[ebhl_qguf nhg^Zf b nhg^Zf n\bg\h\^d\ba\Z\m\k\ba ;b[ebhl_
nhg^ mdhfie_dlh\Zg i_\e\Z\l\g\ea\fb\l\h\g\uf\fb ba^Zgb\fb hkgh\g
^hihegbl_evg\c m\q_[\g\fb\fb\l\h\g\uf\fb e\bl_jZ\l\mu\i\h\k_f m
ij_^\f\l Zf Z lZd`_ ba^Zgb\fb fmaudZev\gu\o ijhba_\^gbc
o\k\l\h\Z\l\bc\g\uf\fb ba^Zgb\fb iZj\l\bl\m\j\Z\fb deZ\bj\Z\fb hi\j\g
hjd\k\l\j\h\l\w\j\hba_\^gbc ;b[ebhl_qguc nhg^ ihfb\fb m\q_[\g\h
^he`_g \dex\q\Z_l hnbpbZev\g\ba[eb\k\h\j\Z\m\h\q\h\k\db_b i\j\h\^b\q
ba^Zgb\y \jZ\k\q_l

J_ZebaZpby ijh]jZffu h[_ki_qb\Z_iky i_\^Z]h]b\q_k\db\fb
bf_xs\fb\fb kj_\^g_ ijhn_k\kb\h\g\Z\l\er\g\h\i\h\ne_k\kb\h\g\Z\ev\g\h_ h[j
k\h\l_\k\l\m\xs_ ijhn\bx ij_ih^\f\Z\Z\fb]h m\q_[\g\h]h ij_^\f\l Z
jZ[h\l\gb\db rdheu h\k\ms_k\l\ey\xl\h\j\q_k\dm\x b f_lh^\b\q_k\dm
RdheZ \a\Z\bf\h^\c\k\l\m\l k ^j\m]b\fb rdheZ\fb b\k\dm\k\k\l b
j_Zebamxs\fb h[j\Z\ah\Z\l\ev\gu_ ijh]jZffu \ h[e\Z\k\l b fmaudZ
l\hf q\k\ke_ b ijhn_k\kb\h\g\Z\ev\gu_ k p\ev\ x h[_ki_q_g\by \ha
g_\^h\k\l Z\xs\bo dZ^\f\h\uo j_k\m\j\k\h\ _\^g\by i\h\k\l hy\g\g\h\c f_l\h
i\hem\q_g\by dhgkmev\Z\p\bc\ea\ba\Z\pi\p\h\k\Z\j\fh]j\Z\ff \ h[e\Z\k\l b
fmaudZ\ev\g\h]h b\k\dm\k\k\l Z b\k\i\h\ev\ah\Z\g\by i\j_\^h\uo i_\^Z]

>ey j_ZebaZpbb ijh]jZffu aZieZgbjh\ZgZ jZ[hIZ dhgp_jlf
keh`b\rboky lJZ^bpbc b f_lh^bq_kdhc p_e_khh[jZaghklb
FZI_jbZb\gzbq_kZazz rdheu khhl\lkl\m_l kZgbIZjguf b
ijhlb\hih`Zjguf ghjfZf ghjfZf hojZgu ljm^Z >ey j_ZebaZ
rdheZ bf__l g_h[oh^bfuc i_j_q_gv mq_[guo Zm^blhjbc k
dZ[bg_lh\ b fZI_ljzb\gzbq_hkdh]h h[_ki_q_gby \dexqZ_l \ k_
dhgp_gjlc aZe k dhgp_jlguf jhye_f imevlZfb b a\mdhl_og
h[hjm^h\Zgb_f [b[ebhl_dm mq_[gu_ Zm^blhjbb ^ey]jmi
aZgylbc Mq_[gu_ Zm^blhjbb ij_ ^gZagZq_ggu_ ^ey .
ij_ ^f_lZ ©Nhjl_ibZgh^ hkgZs_gu jhhye\ely \peZelbaZgpbgb
ijh]jZff kbgl_aZlhj kdjbldZ]blZjZ [Zyg Zddhj^_hg ^h
fmaudZevgufb bgkljmf_glZfb Mq_[gu_ Zm^blhjbb ij_ ^gZ
j_ZebaZpbb mq_[guo ij_ ^f_lh\ l_hj_lbq_kdh]h pbdeZ hl
a\mdhl_ogbq_knd\h\Z[ghj_f mq_[ghc f_[_evx ^hkdzfb klh
kl_eeZ`Zfb rdZnZfb b hnhjfe_gu gZ]ey^gufb ihkh[byfb
mkeh\by ^ey kh^_j`Zgby k\h_\j_f_ggh]h h[kem`b\Zgby b
bgkljmf_glh\ <uklmie_gby l\hjq_kd\h\ u\h e\h j d\l\k\h\h\uo
h[_ki_q_gu kp_gbq_kdbfb dhk\xfZf\o g\h\Z\k\jdhZ_e\h\gZs_gb
h[jZah\Zl_evgh]h ijhp_kkZ hkms_kl\ey_iky kh]eZkgh lj_[
d mqj_`^_gbyf ^hihegb\l_evgh]h h[jZah\Zgby