

>Y Ybh_ YnÅg A chj 1Wj g`Yj Å`



A chj 1Wj g`Yj Å`! ? YnXÅg
g ÅX

\]bX]

6ÅghY`Yffbz`

<]j Uu cgž ZÁFZ] VĚa nYhtž]ga YfYhYb`bÅj

6ÅghU Zfi ž

<]j Uu cgžb] VĚa nYhtž]ga YfYhYb`bÅj

6ÅghU`Yff`Y`Yf`Zfi ž

<]j Uu cgž VĚa nYhtbYj Y ÅgbYa Y]ga YfYhYb

6ÅghU`YffUfž

<]j Uu cgž hÖW`VĚa nYth

Hj`fU`U`VYfÖXU`dUfYfz#Hj`fU`U`fU`bUa bYhidÁ

a chU[UfYbgVYZUhb]b[ž

<]j Uu cgž VĚa nYhtY`_bYj Y ÅgbYa Y`hY`YgYb]ga YfYhYb

6ÅghY`Yff`Ga]hž

<]j Uu cgž ZÁFZ] VĚa nYhtž]ga YfhibÅj

ž

6ÅghU Zfi `Ga]hž

<]j Uu cgžb] VĚa nYhtž` \ 1/2 Učž]ga YfhibÅj

ž

6ÅghU ZfÖ`Yb`Ga]hž

<]j Uu cgžb] VĚa nYhtžY[mYXØ 1/2 Ī ž]ga YfhibÅj

ž

6ÅghU Zfi `Ga]hž

<]j Uu cgžb] VĚa nYhtž]ga YfhibÅj ž]ga YfYhYb`VgU 1/2] 1/2 Udch

ž

6ÅghY`>c\b`Ga]hž

? Yj ÅgvÁ` \]j Uu cgž a 1/2 fÁ[YW Ī Huj Ub`Øh`Yh]`_UdVgc`Uh

ž

>U[`UbgÖ`Yf`ca`h`ÅbgYb`gca`gca`gca`b]` \Uf

UbbcbgYfUhica]`Xyb`

GhUbXUF`Zcfa i`UY[mic`mb` 1/2 1/2 gUz`Ua` Y`nbY`_`U`]fYhÅgÅhY[mÖg] 1/2 VUbj U[ma U[Uh]bVUb` 1/2 Ux

>Y Ybh_ YnÅg

A chj 1Wj g`Yj Å`



>U['g_f]j Yf['Å`UbXY'Yf'Ubbcbg'dÅ`''''

GHubXUFX'Zcfa i `UY[micb`]bY` \]fXYHthi½`½gfUj ½Ugnc`½g_cf

>U['g_f]j Yf['Å`UbXY'hj` `Yf'Ubbcbg]'''''XYb`''''''

GHubXUFX'Zcfa i `U'UbbU_`Ya U[mUf½h½g½Uz` \c[m\c` 'hU`½hUX`U'a Y[\]fXYHthi½`½gh

>U[`ÅgY'a YX'gcfh]bYfYggY`Uthb]`gD_Yf`YZHf`Yb
YfZUFYb`''''cW`'U['dUggUf`VYg_f]j b]b[Yb''

GHubXUFX'Zcfa i `UY[mic`mub`½`½gfU`'Y`Ybh_YnÅg_cfz`Ua Y`nYhY[mia U[Uh]bVUb`j U[m\Yh]`UdVUb` `½h½

>U['UbgD_Yf`Åfa YX'ca`Yf`i`hmgU`h`Åbghgca`''''

GHubXUFX'Zcfa i `U`½`½g`Y`Ybh_YnÅg_cf

>U['g_i` `Yj`]`U`Åa`bU`]b`a`]b`UbgD_Ub`ZDf`h`ÅbghYb
gca`''''''

GHubXUFX'Zcfa i `U`½`½g`Y`Ybh_YnÅg_cf

:`Df`bÅfj`U`UbXY`U`FVYUf`U[`ZDf`#`cg`dÅ`''''cW`'a`]bU
Ubg`Ufgca`fÅXYb`Åf`''''

B`n]h`'a`cbXU`h`Åbh` \Ugnb`½`½`U`'Y`Yb`Y[]`Zc[`U`_cn½g]`½`Udch`Yf`½g½U

A chj 1Wj g`Yj Å`!`¥fj`YÅg

g ÅX

\]bX]

>U['Åf`gÅfg_]`h]bYfYggYfUX`Uj`XYh`Åf`'cWVYh
YZHf`gca`''''''''

5`bbU_`U'a`Y[a`U[nUf½h½g½Uz` \c[mia]Åf`hgnYfYth`ÅX`U'h`UX`cthia`i`b_½h

>U['g_i` `Yj`]`U`U`FVYU`ZDf`Yf`YZHf`gca`''''

5`bbU_`U'a`Y[a`U[nUf½h½g½Uz` \c[mia]Åf`hgnYfYth`ÅX`U'h`UX`cthia`i`b_½h

A`]bU`ZfÅa`gU`gmf`_cf`Åf`''''

5`Y[Zcb`hcgUW`h`'U`X`cbg½g`U]X`Yf`½g½U`_cf

>U['g_i` `Y`gÅ[`U`Uthia`]b`#`U`YbXU`g`U[\Yh`#f`Åf`''''''

A`Yb`'U['gÅ]`Uf`h]` `Uth`ZDf`VÅh`U'a`][]`bca
XYth`#`YggU`ca`fÅXY`#`''''''

I`hU`½g`U[nYb[YgÅ[Y]XfYz`XY`UbbU_`'a`i`hU`½g½Uz` \c[mgnYfYth`Å`YnY`_Yb`U`hYfØ`Yh`_Yb`ZY`^`Xb]

>Y Ybh_YnÅg A chj 1Wj g`Yj Å



>U['Åf'G Yfm[UX'ca 'UhiXYbbU'dcg]h'cb'dUggUf'a][
YZHYfgca '.....'

5 bbU_`YÉf'g'j'U'Z'c[mia]h`j U[mi'f`Y Ybh_Yn 'Ua i b_1'U

Y j Yb'ca 'U['j]bh'\UF'bÁ[cb'h]X][UFY'YfZUFYb\YhUj
''''\UF'U['\Uzh''''

ž ž

5 a]_cf'a Å['bYa 'Xc'[cnf½'Uh'UXcthihfØYHYbžXY'gnYfYbÅX'VYa i hUhb]'Ua ½g'hfØYHY_Yb'gnYfnYthiUdUgnU'Uu]XU

A]b#a]bU'nf_Yga Ågg][U'_ca dYHYbg#_j U]Z_U]cbYf
j Yf_Uf'j UfU'dYZY_h'Åa dUX# 'ZØf'YfhZØfYhU[g'V\c'j "

5 bbU_ U`YÉf'g'j'U'Z'c[mia]`mYb`_ÅdYggÅ[Y_`h'g'nbY_ U_ Ua Uggj'U'a i b_1'U

I bXYf'a]b'h]X'gca '.....'
ZØfVÅhfUXY#ZØfX'f dUXY# hØ_UXY'U['a]th_i bbUbXY
]bca 'ZØ'UbXY'ca fÅXYb'.....'

9[miUXcthihfØYHYb'gnYfnYthiUdUgnU'UhiVYa i hUh'g'U'Åg'U_`ÅdYggÅ['Ö^_ÅdYggÅ[Y_#i X½g'gnYfnÅgÅfY

A]th_i'ca dYHYbgca fÅXY'Åf'.....'

5 bbU_`YÉf'g'j'U'Z'c[mia Y'm]_`hfØYHYb'j UbbU_ U`Y[bU[mcW'YfYXa ÅbmY]Xž'UdUgnU'Uu]X

; Ybca 'UhiUFVYhU'ZØf'.....'gUa 'UXY'U['dÅ'a]['a mW_Yh'
YfZUFYb\Yh]bca #j '.....'

9[miUXcthihfØYHYb'gnYfnYthiUdUgnU'UhiVYa i hUh'g'U'Åg'U_`ÅdYggÅ['Ö^_ÅdYggÅ[Y_#i X½g'gnYfnÅgÅfY

Y j Yb'XÅ'U['c'WUf'] Yth\Ø[hHYa dc'Åf'U['U'h]X
a mW_Yhbc[[fUbb''8ÅfZØf'g_i ``Y'U['j UfU'a mW_Yh
j Å ``Åa dUX ZØf'h'ÅbgYb'gca '.....'

5 bbU_ Y'a U[mUf'g'j'U'Z'c[mia]Åfh'YbbÅ'f`U'½'½g'U'U'_cf'½'V]'a i b_ U'UdUgnU'Uu]X'U'Ud'½'U

Y j Yb'i bXYf'\ÅfhifmW_i ddfÅhÅ'Å'Yf'U['Yb'\Ø[
g'U'X'U'X"

5 bbU_ ÅfnÅ_Y'hYÅgÅfYž'c[m_ÅdYgj U[mia U[Ug][ÅbmY_Yh'f'Å Ugnh' '_Øf'bmYnYh'Yb'Xc'[cnb]

H'ÅbgYbg'UFVYhg dd[]ZHY['Åf'\UbX']\UbX'a YX
a]bU'dYfgcb'][U]bhYfgYb"

5 bbU_ VYa i hUh'g'j'U'Z'c[mignYa Å'mYgYb']g'bU[mc'b'ÅfXY_` Xgn'U'a i b_U]f'½'h

A chj 1Wj g`Yj Å

>U[`Af`a mW\Yh]bhYggYfUX`Uj` """"`cW`g_i` ``Y`i ddg_UthU
a Ô`][\YhYb`UthZÁ VFYXXU`a]b`_i bg_Ld[`Ybca `Uth
UFVYHU`cg`Yf`

..... ž

5 bbU_`VYa i hUh`g]hZ`c[mgnYa Å`mYgYb`]g`bU[mc`b`ÁfXY_` Xgn`U`a i b_U`]f`Yb`h

Gca `b]`_Ub`gY`ZfAb`a]b`V]Zc[UX`Y`7`J` `gh`A`a` Yf`a]bU
YfZUFYb`\\YHf`cW`_j` U`]Z`_U`]cbYf`j` Å` `Ç`j` YfYbg`a` YX
h`Abg`Y`b`g`U`b`g`h`Å` `b`]b`[` g`_f`U` "

..... ž

5 n`Cb`Å`Yf`U`nc`X`_]`Ub`[` g`Ö`nc`n`g`U`_`cf` Å`g`U`bb`U`_` Å`fn`Å`_`Y`h`h`Å`g`Å`f`Y`Z`_`c[` mia` Y`b`bn`]f`Y`]` ``Y`b`Y`_`cm`n`X`_`Y`n`U`a` i` b`_`U`

I` b`XYf`a`]b`_bi` j` Uf`Ub`XY`U`b`g`h`Å` `b`]b`[` `gca` `""""`_`cg`""""`_`UF
`U`[`UFVYHU`h`]` Y`th`_`Ç`[` h`h`Ya` dc`_`h` ``g`U`a` a` U`b`g`a` Y`X`a`]b`U
`c` ``Y`[` cf` Z`Ö``U`th`i` ddb`Á`[` Ya` Y`b`g`U`a` U`a` Å` ``8` Y`th`U`_`UF
`Å``d`h`a`]`[`U`th`]`b`g`Y`j`]`_`h`Y`b`_`U`j` `Y`th`b`Å`f`U`_`g`U`a` UfVYH`_`Z`Ö`f`
U`th`i` Å`U`XY`UX`_]`b`Y`g`

..... ""

5 bbU_` ``YÉf`g]hZ`c[` mia`]`n`Y`b`_`h` X`]g`h`g`U`_`h`f`c`h`h`_`Y`_`U`_`Y`Y`b`_`Y`[`]`a` i` b`_`X`_`g`c`f`Y`b`

I` h`Ç` Yf`a`]h`i`U`b`g` Uf`_`gca` `""""`_`UF`_`U`[`Å`j` Y`b`_`h`f`Å`b`U`hi` dd
a`]b`U`Z`Å`f`X`[` \Y`H`f`]`#` Å` ``Ub`XY`""""

..... ž

9i` h`f`U`_`Å`d`Y`g`h`Å`g`Y`_`#`i` X`]g` ``YÉf`g]hZ`U`a`]`_`Y`h`U`_`Y`Y`b`_`Y`[`]`_`½`_`½`g`c`X`cb`_`_`Y`f`Y`g`h`Ø`_`g`U`_`h`f`c`h`h`_`Y`_`Å`g`Z`_`U`a`]`_`b`Ya` `Z`Y`_`h`Å`h`Y`b`Ø`_`Z`Ö`[` [` b`Y`_`
Ç`g`n`Y`_`g`nc`f`c`g`U`b`_`U`Z`c[`U`_`cn`]g`]`_`dc`n`É`Y`i` XXU`

A chj 1Wj g`Yj Å ! ? ÅdYggÅ[Y_#_ÅgngÅ[Y_ g ÅX

\]bX]

A]h`th`i` c`XYf`ga` Å` `Åf`""""`a` Y`b`_`U`[`h`U`U`f`_`Å`j` Y`b`""""

..... ž

5 n`Ub`m`ub`n`Y`j` Y`X`_`Å`g`_`U`h`_`Y`[` n`Å`V`_`Z`c`_`m`Å`_`cb`m`ub`_`V`Y`g`n`Å`_`h`i`b`n`Y`j` Y`_` ``YÉf`g]hZ`U`

>U[` \Uf`i` h`a` Åf`_`h`U`_`i` bg`_`Ld`Yf`]`""""

..... ""

B`Ya` `Ub`m`ub`n`Y`j`]`z`X`Y`a` U`[` U`g`_`gn`]`b`h`Y`b`_`V`Y`g`n`Å`_`h`i`b`n`Y`j` Y`_` ``YÉf`g]hZ`U`

>U[` \Uf`[` fi` b`X`_`Å`[` [`Ub`XY`_`i` bg`_`Ld`Yf`]`""""

..... ""

B`Ya` `Ub`m`ub`n`Y`j`]`_` Å`g`_`Ç`n`Å`d`gn`]`b`h`Y`b`_`V`Y`g`n`Å`_`h`i`b`n`Y`j` Y`_` ``YÉf`g]hZ`U`

>U[` \Uf`""""`_`Å`f`g`_`Y`f`Z`U`F`Y`b`_`Y`h`i`U`j` `U`F`V`Y`H`_`]`b`ca` #`a` Y`X`""""

..... ""

9[` m`i`U`X`c`h`i`Ç`n`_`Y`h`]`_`h`Y`f`Ø`_`Y`h`Y`b`_`g`n`Y`f`n`Y`h`i`h`U`d`U`g`n`h`U`_`U`h`U`j`X`_` ``YÉf`g]hZ`U`

>U[`Åf`_`Y`b`_`Y`f`Z`U`F`Y`b`_`U`b`j`_`Å`b`X`U`F`_`U`j` `""""

..... ""

G`n`i`Å`_`É`i` [`Å`d`Y`g`_`g`nc`Z`j`_`Y`f`]`g`a` Y`f`Y`H`_`_`V`Ya` i` h`U`h`g`U`

>Y`Ybh_YnÅg



A chj 1Wj g`Yj Å

>U[`UbgYf`Uth`U[`VYg]hYf`VÅXY`"cW`""]`Yth`
_ca d`YhYfUbxY ZÖf`Å`UbXY"

5 bbU_`YÉf`g]fUz`c[mia Ybbr]fY`_]Y[mYbgÖnncnctU_`U_`ÅdYggÅ[Y]X

I ha Åf_h_ca a i b]_U]cbgZÖfa Å[U

-bZcfa 1Wj _`a Y[cgnh`gU`Åg`V]ncbncg`Xc`[c_`Y`a U[ntUf`h`gU`U`c`Å[½bU_

; cX`gi hYXb]b[gZÖfa Å[U

6]ncbncg`Xc`[c_`a Y[Åf`Åg`Y`Åg[ncf`g`Åg`U`h`Å`cbmY`a U[ntUf`h`gU`

@c[]g_hi`h`Ab_UbXY

5 n`Y_`ÅdnY`ÅgY`#`Ch`Yh`_`df`V`h`Åg`f`_`h`[cbXc`ha`i`Xcbj`U`i`gnYf`_`Ygn`ÅgY`Z`Ö`gnYfU`_`gU`

5 bU`m]g_`ZÖfa Å[U

? ÅngÅ[`U`Xc`[c_`f`Ågn`Y`h`g`Åf`h`Å`Y`Åg`ÅfY`

6 fU`gUa`UfVYh`gZÖfa Å[U

5`_`c`_`Å[½`_`U`j`U`i`_`U`h`Å`cbmY[mÖh`a`_`Ö`X`Åg`Åg`_`ca`a`i`b]_`1Wj`fUj`U`i`_`ÅngÅ[

6 fU`ZÖf`UbX`]b[gY`_`b]_`

A`½`j`½`U`U`hc`_`U`j`U`i`_`U`h`Å`cbmY`Ch`Y`h`Åg`]`_`ÅngÅ[`_`

6 fU`dfYgYb`h`U]cbgY`_`b]_`

5`_`ÅngÅ[`z`c[m]gc`_`Ya`Vf`Y`_`h`i`_`ÅdYg`_`U`h`Å`cbnt`ub`Y`_`U`Xb]`_`U`h`_`Ch`Y`h`]h`

A chj 1Wj g`Yj Å ! @Yn1E1g

g ÅX

\]bX]

>U[`Åf`a`mW`_`Y`h`a`chj`YfU`X`c`W`_`g`Yf`Z`fUa`_`Ya`ch`X`Y`h`
j`Uf]YfUbxY`UfVYh`_`g`ca`_`Yb`d`cg]h]cb`]bca`_`Yf`h`ZÖfYU`
g_i`_`Y`]bbYVÅfU`

@Yn1E1g]½`a`Y[]ga`Åh`j`Y`z`c[mia Ybbr]fY`gnYfYh`Å`_`U`j`½`U`U`h`U`_`Xc`[cnb]

>U[`gYf`b`m`U`i`dd[]Z`Yf`#`Yb`_`Åf`h`Å`bgYb`_`g`ca`_`Yb`
j`Å`_`ca`a`Yb`i`ha`Ub]b[`c`W`_`U[`g`Yf`Z`fUa`_`Ya`ch`
X`Ya`#`Yb`"

@Yn1E1g]½`a`Y[]ga`Åh`j`Y`z`c[mia Ybbr]fY`gnYfYh`Å`_`U`j`½`U`U`h`U`_`Xc`[cnb]

>Y Ybh_ YnÅg

A chj 1Wj g`Yj Å`



>U['g_i ``Yi ddg_UhU'a Ô^][\YhYb`UthZÁ`X]g_i hYfU
XYfU`YfbU`_f]b[`h`ÅbghYb`Ubg`_h`a chUbg`_h`

.....
.....
.....

@Yn1½g½Z`Y`j]`UbhU] `Y[m`Y`YhgÅ[Yg`]bhYf`Öh

8i `\[hUf`a]b`7J #a Yf]hZÖfhYw`b]b[`gca `Yb`V`U[U`

..... #
.....

GhUbxUfX`Zcfa i `U`UbbU`_`YÉf½g½Uz`c[mIU`7J `U`VgU`c`a ½bmUbj`Ub

J]X`V\c] `Ub`U[`h` ``UbXUÁ`U`dYfgcb`][U
fYZfYbgYf`ZfÅb`.....

.....
.....

GhUbxUfX`Zcfa i `U`UffUz`c[mibn]rcfhj`U[mifYZfYbV½`UX½g½U

: Öf`nthYf`][UFY`fYZfYbgYfZj`Åb`][Yb`_cbhU`hU`.....

.....
.....

5 bbU`_`YÉf½g½Uz`c[mih`Xgn`\cnb]`fYZfYbV½`hÅg`z`c[m`_h`_YfYggYbY`_`ÅfhY

>U[`Z]bbg`h`][`Åb`][`ZÖf`]bhYfj` ↑`.....

.....
.....

5 bbU`_`U`h` Xca` ½g` ``UX½g½Uz`c[mgnUMUX`j`U[miY[mi]bhYf`ÖfU

HUW`_`ZÖf`Yf`hX`cW`_`ZÖf`Uthb]`Åf`j`]`][U`UthÖ`Yf` Å[U
a]b`UbgÖ`_`Ub`">U[`gyf`ZfUa `Ya`chia`Ö`][\YhYb`Uth
dYfgcb`][Yb`ZÁ`X]g_i hYfUj`UFZÖf`U[`Åf`gÅfg`_`h
`Åa`dUX`ZÖf`XYbbU`h`Åbgh`J`Åb`][Yb`_cbhU`hU`a`][`j`]U
.....

.....
.....
.....
.....
.....

5`dfYZfYf`hY`Åf`Yh`gÅ[Y`_`a`Y[UX½g½Uz`c`Åg`U`Y`Ybh`_`YnÅg`_`hÅnÅg`Åf`h`a`Y[`_ÖgnÖbÅgY`_`cf`\Ugnb½Uhcg

A YX`j`Åb`][`U`Å`gb]b[ž

<]j`U`U`cgž`Vf`a`nYthbYj`Y`]ga`YfYhYb

A YX`j`Åb`][U`Å`gb]b[Ufž

<]j`U`U`cgž`gn`Å`Yg`_`ÖfVYb`\Ugnb½ž`]ga`YfhVf`a`nYth

J ÖfXgUa`hž

<]j`U`U`cgž`bYa``rÖ`Y`hYf`YXhž`]ga`YfhVf`a`nYth

J Åb`][U`Å`gb]b[Ufž

B`Ya` `]j`U`U`cgž`Øn`Yh`dUfhbYfY`_`_`ÖnÖhž`U`_`_`hY[Yn`XbY`_`