

7 UbX]XUhi fY  
@YhfY'XY'a ch]j U]cb



@YhfY'XY'a ch]j U]cb! 'Ci j Yfi fY

fi ggY

'! '!!!!

: cfa Y'žXYg]bU]jfY'XY'gYl Y'a U]W' ]bžbca ]bVžbbi

g ÅXc]g

6ÅgY'\Yffbž

'!!!!

: cfa Y'žXYg]bU]jfY'XY'gYl Y'ZÅa ]b]bžbca ]bVžbbi

6ÅgU'Zfi ž

'!!!!

: cfa Y'žbca 'YhgYl Y'Xi 'XYg]bU]jfY ]bVžbbi g

6ÅgU'\Yff Y'\Yf 'Zfi ž

'!!!!

: cfa Y'žg]fU'XfYgg]b]h'¼d'i g]Yl fg'dYfgcbbYg']bVžbbi Yg'ci '¼i b'XÅdUfY'a YbhVžta d'Yh

6ÅgU'\YffU'Z

'!!!!

: cfa Y'žbca 'YhgYl Y'Xi 'ci 'XYg'XYg]bU]jfYg']bVžbbi g

H]`'fU`Ue'VYf`f`XU'dUfYf`ž#H]`'!!!!'fbUa bYridÁ  
a chU[ UFYbgVYZUhb]b[ lž

'! '!

: cfa Y'žXYg]bU]jfY'XY'gYl Y'a U]W' ]bžbca 'Vžbbi

6ÅgY'\Yff 'Ga ]Hž

'! '!

: cfa Y'žXYg]bU]jfY'XY'gYl Y'ZÅa ]b]bžbca 'Vžbbi

6ÅgU'Zfi 'Ga ]Hž

'! '!

: cfa Y'žXYg]bU]jfY'XY'gYl Y'ZÅa ]b]bžVÅ' ]VU]jfYžbca 'Vžbbi

6ÅgU'Zf`\_Yb'Ga ]Hž

'! '!

: cfa Y'žXYg]bU]jfY'XY'gYl Y'ZÅa ]b]bžg]h h]bVžbbi žbca 'Vžbbi

6ÅgU'Zfi 'Ga ]Hž

'!!!!

A c]bg'Zcfa Y'ž'Y'XYg]bU]i f'Yh'Y'XYg]bU]jfY'cbhXÅ'¼ZU]hXYg'UZZU]fYg'YbgYa V'Y

6ÅgY'>c\`b'Ga ]Hž

'!!!! ž

: cfa i 'Y'g]ubXUF'xi h] ]gÅY'dci f'dcgh 'Yf'¼i b'dcgh'Xcbhj ci g]Uj Ynj i ''f]bbcbW'XUbg]i b'ci fbU'ci 'i b'a U[ Uh]bY'

>U[ 'Ubg`\_Yf'ca 'hÅbgYb'gca '!!!!'gca 'b]'\Uf'UbbcbgYfUh  
ca ]'!!!!'XYb'!!!!

# 7 UbX]XUhi fY @YhfY'XY'a ch]j Uh]cb



. . . . . ž : cfa i `Y'gubXUFX'i h]`gÅY'dci f'fÅdcbXFY'¼i bY'UbbcbW'j i Y'Yb`][ bY	>U[ 'g_f]j Yf '[ Å`UbXY'f' UbbcbgdÁ''''
. . . . . : cfa i `Y'gubXUFX'i h]`gÅY'dci f'YI d`]ei Yf'cÕj ci g'Uj Yn'fci j Å`fZFY'XfYa d`c]	>U[ 'g_f]j Yf '[ Å`UbXY'h]` Yf' Ubbcbg]''''X'Yb''''''
. . . . . : cfa i `Y'gubXUFX'i h]`gÅY'dci f'dcgYf'gU'WbX]XUhi fY'dci f'i b'dcgY'Xcbhj ci g'Uj Yn'fci j Å`fUbbcbW'XUbg i b a U[ Uh]bY'ci 'i b'dÅf]cX]ei Y	>U[ `ÅgY'a YX'g'cfh]`bhfYggY'Uhib]`gÕ_Yf'YZhf'Yb'YfZUFYb''''cW'U[ 'dUggUf'VYg_f]j b]b[ Yb''
. . . . . ž : cfa i `Y'gubXUFX'dci f'dcgh`Yf'¼i b'Ya d`c]	>U[ 'UbgÕ_Yf'\Åfa YX'ca`Yf'i hng]U'h'Åbgigca''''
. . . . . : cfa i `Y'gubXUFX'dci f'dcgh`Yf'¼i b'Ya d`c]	>U[ 'g_i`Yj]`U'Åa bU]b'a]b'UbgÕ_Ub'ZÕf'h'ÅbgYb'gca''''
. . . . . I h]`gÅ'Vta a Y'd\flgY'Xfci j Yfh' fY'dci f'XÅW]fY'j chY'dcgY'UW'i Y'YhYb'ei c]`]`Vcbg]gY	: Çf' bÅfj UfUbXY'UfVYUf'U[ 'ZÕf'Åcg#dÁ''''cW'a]bU'Ubg Uf'gca f'ÅYb'Åf''''
<b>@YhfY'XY'a ch]j Uh]cb! 5f[i a Yb]g fi ggY</b>	g ÅXc]g ž >U[ 'Åf'gÅf'g_]h]bhfYggYf'UX'Uj`XYh'\Åf'`cWYhYZhf'gca''''''
. . . . . ž I h]`gÅ'dci f'YI d`]ei Yf'dci fei c]`Y'dcgY'Yb'ei Yg]cb]j ci g]bhÅfYggY	>U[ 'g_i`Yj]`U'UfVYU'ZÕf'Yf'YZhf'gca''''
. . . . . I h]`gÅ'dci f'a cblfYf'j cg'Uhf]Vi hg'df]bV]dU I	A ]bU'Z'Åa gU'gmi_cf'Åf''''
# ž I h]`gÅ'dci f'fÅZ'ÅW]f'g'f'j cg'ZU]V'YggYg'a U]g'U'gg]a cblfYf'ei Y'j ci g'gci \U]hYn]j ci g'Ua Å`]cfYf	>U[ 'g_i`YgÅ[U'Uha]b#U'YbXU'g U[\Yh'f'Åf''''''A'Yb'U[ 'gÅ] Uf'h]`UhiZÕf'VÅhf'U'a][ ]bca`XYhU#XYgg]ca f'ÅXY#b''''



# 7 UbX]XUhi fY @YhfY'XY'a ch]j U]cb



I h`]gA'dci f'a cblfYf'j chfY]bhAfAEdYfgcbbY`dci f`Y'dcgY

>U[ Af'a mVYh]bhfYggYfUX'Uj '""cW'g\_i ``Yi d dg\_UtU  
a O^][\Yhb'UthZA'VfYXXU'a ]b'\_i bg\_Ud[ Ybca 'UthUFVYU  
\cgYf''

I h`]gA'dci f'a cblfYf'j chfY]bhAfAEdYfgcbbY`dci f`Y'dcgY

Gca 'b]\_Ub'gy'Z'Ab'a ]b'V]Zc[ UX'7 J 'ghAa a Yf'a ]bU  
YfZUFYb\Yhf'cW'\_j U]Z\_U]cbYf'j A`Q' YfYboga YX  
hAbgYbglUbgA`b]b[ g\_fUj "

I h`]gA'dci f'a YhfY'Ybj UYi f'j chfY'7J `Yha cblfYf'ei Y`Y'dcgY YghiZU]hdci f'j ci g

I bXYf'a ]b'bi j UFUbXY'UbgA`b]b[ 'gca '""\cg'""\UF'U[  
UFVYUth] Yth\Q'hYa dc'h`gJa a Ubgja YX'a ]bU\_c`Y[ cf  
ZOf'Uthi ddbA'[ Ya YbgJa a U'a A`"8YHU\UF\`A'dhia ][ 'Uth  
]bg'j ]\_hYb'Uj 'YhbAf'U'gJa UFVYh'ZOf'Uthia Q'UXYUX' ]bYg'

I h`]gA'dci f'a YhfY'Ybj UYi f`Yg'Vta dAhYbWg'ei Y'j ci gUj Yn'UWei ]gYg'XUbgj chfY'Ya d'c] UMi Y

I hQ' Yf'a ]hUbgj UF'gca '""\UF'U[ 'Aj Yb'f'AbUhi dd'a ]bU  
ZfX][\Yhf']#A`UbXY'""

I h`]gA'dci f'a cblfYf`Yg'U hfYg'Vta dAhYbWg'UWei ]gYg'Xi fUbhj chfY'Ya d'c] UMi Y'a U]gei ]'b'XYj fU]Ybhbcfa UYa Ybh  
dUg'AEY'UggcV]AYg'Uj YWj chfY'dcgY''

## @YhfY'XY'a ch]j U]cb! 7 ca dAhYbWg

fi ggY

g AXc]g

A ]hna cXYf'ga A`Af'""a Yb'U[ 'HUUF'`Aj Yb'""

I h`]gA'dci f'a cblfYf'ei Y`Y'Yghj chfY`Ub[ i Y'a UYfbY`Y'Yh'Yg'U hfYg`Ub[ i Y'gei Y'j ci g'dUF'Yn'Vzi fUa a Ybh

>U[ \UF' i ha Af'\_HU'\_i bg\_UdYf']""

I h`]gA'dci f'a cblfYf`Yg'U hfYg`Ub[ i Y'gei Y'j ci g'dUF'Yn'Vzi b'b]j YU 'Uj UbW

>U[ \UF' [fi bX'A' [UbXY'\_i bg\_UdYf']""

I h`]gA'dci f'a cblfYf`Yg'U'Ub[ i Y'gei Y'j ci g'dUF'Yn'Vzi b'b]j YU ]bhYfa AX]U]fY

>U[ \UF' ""Af'gYfZUFYb\YhUj 'UFVYh']bca #a YX'""

I h`]gA'dci f'a cblfYf'j cg'VzbbU]ggUbWg'XUbgj b'Xca U]bY'dUfh'V' ]Yf

>U[ Af' Yb'YfZUFYb'Ubj AbXUFY'Uj '""

I h`]gA'dci f'a cblfYf'j cg'Vta dAhYbWg'Yb ]bZcfa U]ei Y

7 UbX]XUhi fY  
@YhfY'XY'a ch]j Uh]cb



ž >U[ 'UbgYf' Uth'U[ 'Wg]hYf' VÁXY''''cW'''''] Yth  
\_ca d'YhfY'UbXY'ZČ\Á'UbXY''

I h`]gÁ'dci f'a cblfYf''Udc`mj UYbW'XY'j cgVčta dÁhYbWg

I ha Af\_h\_ca a i b]\_Uh]cbgZČfa Á[ U

@J'WdU'YhÁ'¼dUfhU[ Yf'XYg]bZcfa Uh]cbgUj WYj cgVč''Á[ i Yg'Yh¼Yi f'Yl d`jei Yf'Wg]bZcfa Uh]cbg

; cX'gi hYXb]b[ gZČfa Á[ U

@J'WdU'YhÁ'¼Včta dfYbXFY'YhYl d`jei Yf''Yg'WcYg'XY'a Ub]ÁfY'VčbV]gY'YhfUd]X'Y

@c[ ]g\_hhÁb\_UbXY

@J'WdU'YhÁ'¼Včbgfi ]fY'gYg]XÁYg'XY'ZUÁcb'cfXcbbÁY'YhidfÁV]gY

5bUn]g\_ ZČfa Á[ U

@J'WdU'YhÁ'¼Áj U i Yf''Yg'ZU]hg'Yb'XÁhU]

6fUgJa UfVhngZČfa Á[ U

@J'WdU'YhÁ'¼Včta a i b]ei Yf'Uj YWgYgVč''Á[ i Yg'YZZ]VWVa Ybh

6fUZČ\UbX`]b[ gh\_Y\_b]

@J'WdU'YhÁ'¼ZU]fY'XYg'LUZU]fYg'Uj W'Xfii hfYg'YbhfYdf]gYg

6fUdfYgYbUh]cbgY\_b]

@J'WdU'YhÁ'¼Včta a i b]ei Yf'gYg]XÁYg'YZZ]VWVa YbhYb'di V]W

@YhfY'XY'a ch]j Uh]cb! : Yfa Yhi fY

fi ggY

g ÁXc]g

>U[ 'Áf'a mVYhia ch]j YfUX'cW'gYf'ZfUa 'Ya chXYh  
j Uf]Yf'UbXY'UfVYhY'gca 'Yb'dcg]h]cb']bca 'YfhZČfYhU[  
g\_i''Y']bbWÁfU'

I h`]gÁ'dci f'fÁUZZ]fa Yf'gcb'XÁg]f'XY'hfUj Uj''Yf'dci f''fYbhfYdf]gY

#

>U[ 'gYf' bnt]i dd[ ]Zhf' #Yb'\Áf'h'ÁbgYb'gca 'Yb  
j Á\_ca a Yb i ha Ub]b[ 'cW'U[ 'gYf'ZfUa 'Ya chXYa #Yb''

I h`]gÁ'dci f'fÁUZZ]fa Yf'gcb'XÁg]f'XY'hfUj Uj''Yf'dci f''fYbhfYdf]gY

# 7 UbX]XUhi fY @YhfY'XY'a ch]j Uh]cb



>U[ 'g\_i ``Yi d dg\_UhU'a O^][ \YHb`UhiZ`X]g\_i hfU  
XYU`YfbU`\_f]b[ `h`AbghYb`Ubg`\_H`a`chUbg`\_H`a`

I h`]g`A`dci`f`g` [ [ `A`Yf`i`b`YbhfY]Yb`dfcWU]b

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

: cfa`i`Y`g`ubXUF`i`h`]g`A`dci`f`X]fY`1/4`fYa`d`cnYi`f`ei`Y`j`chY`7`J`Y`gh]bW]hiU`YWU`YhfY`XY`a`ch]j`Uh]cb

J`X`W`c`j`\_`Ub`'U`[`h`]'`UbXU`A`'U`dYf`gcb`][`U`f`Y`Z`f`Y`bg`f`  
Z`Ab`''''''

: cfa`i`Y`g`ubXUF`i`h`]g`A`dci`f`X]fY`1/4`fYa`d`cnYi`f`ei`Y`j`ci`g`A`Y`g`d`f`A`i`1/4`Zci`fb]f`j`cg`f`A`Z`A`f`Y`b`W`g`

: O`f`n`h`Y`f`][`U`F`Y`f`Y`Z`f`Y`bg`f`Z`j`Ab`][`Yb`\_`cb`h`U`\_`H`U`''''''

: cfa`i`Y`g`ubXUF`i`h`]g`A`dci`f`X]fY`1/4`fYa`d`cnYi`f`ei`Y`j`ci`g`A`Y`g`d`f`A`i`1/4`Zci`fb]f`XY`g`f`A`Z`A`f`Y`b`W`g`Y`hei`]`V`b`h`U`W`Y`f`dci`f`g`Y`  
Y`g`d`f`c`W`f`Y`f`

>U[ `Z]bbg]h`][`Ab`][`Z`O`f`]b`h`Y`f`j`'`i`''''

I h`]g`A`dci`f`]bX]ei`Yf`j`chY`X]g`d`cb]V`]h`A`dci`f`i`b`YbhfY]Yb

HUW`Z`O`f`Y`f`h]X`c`W`Z`O`f`U`h`b]`A`f`j`][`U`U`h`O`j`Y`f`A`[`U`a`]b`  
U`b`g`O`\_`U`b`>U[ `g`Y`Z`f`U`a`Y`a`c`h`a`O`^][ \YHb`U`h`i`d`Y`f`g`c`b`][`Y`b`  
Z`A`X]g\_i`h`f`U`j`U`f`Z`O`f`'U`[ `A`f`g`A`f`g`\_]`h`A`a`d`U`X`Z`O`f`X`Y`b`b`U`  
h`A`b`g`h`J`Ab`][`Yb`\_`cb`h`U`\_`H`U`a`][`j`]U`''''''

I h`]g`A`dci`f`X`c`b`b`Y`f`j`cg`V`e`c`f`X`c`b`b`A`Y`g`Y`h`i`f`Y`a`Y`f`V]Y`f`f`Ya`d`cnYi`f`X`f`i]j`c]f`V`e`b`g]X`A`f`A`j`chY`W`b`X]XU`i`f`Y`

A`Y`X`j`Ab`][`U`A`g`b]b[`Z`

: cfa`Y`z`b`c`a`'X`i`'X`Y`g`j`b`U`U]f`Y`]b`V`e`b`b`i`

A`Y`X`j`Ab`][`U`A`g`b]b[`U`f`z`

: cfa`Y`z`h`f`A`g`i`h`]g`A`z`X`Y`g`j`b`U`U]f`Y`V`e`b`b`i`

J`O`f`X`g`J`a`h`z`

: cfa`Y`z`a`c]b`g`i`h`]g`A`z`b`c`a`'X`i`'X`Y`g`j`b`U`U]f`Y`V`e`b`b`i`

J`Ab`][`U`A`g`b]b[`U`f`z`

=b`Z`c`f`a`Y`z`Y`b`h`f`Y`X`Y`g`d`U`f`h`Y`b`U]f`Y`g`X`f`i]j`c]f`Y`g`e`i`]`g`f`i]d`d`Y`Y`b`h`i`d`U`f`Y`i`f`g`d`f`A`b`c`a`g`