

&&]bhYfYggUbhY: U_hYb ØVYf?&

K]f hY] Yb X]Y]bhYfYggUbhYghYb : U_hYb ØVYf XYb ? &ž
 [YgUa a Y`h Ui g 'U\fY`Ub[Ya '@YgYbž GWX fY]VYb i bX
HfÀi a Yb ØVYf X]YgYb 'VYfØWX h][hYb '6Yf['5i g XYa '6U`hcfc!
; `YhgWXYf]a '< YfnYb XYg ? UfU_cfi a 'Yf\YVh g]WX 'XYf ? &ž
Y]bYf XYf 'VYa Yf_Ybgk YfhYghYb '6Yf[Y XYf '9fXY" 8 Yf]b XYf
6Yf[ghY][Yfk Y`h j YfY\fhY DmfUa]XYb[]dZY`]gh X]Y i `h]a Uh]j Y
< YfUi gZcfXYfi b['ZØf'? `YhhYfYf" 8]Y k Y`hVYghYb '5`d]b]ghYb
\UVYb 'g]WX 'Ub 'gY]bYb 'hØW_]gWXYb '< Ab[Yb 'j Yfgi WXh" '9]b][Y
\UVYb 'XYb ';]dZY` 'YfcVYfhž UVYf' j]Y Y` \UVYb ']\f'@YVYb
j Yf`cfYb" →WX 'k Uf'_Øfn`]WX 'ni a 'YfghYb 'A U`]b 'DU_]ghUbž i a
XYb '? &!6Ug]g`U[Yf!HfY_'ni 'UVgc` j]YfYbž [YZc` [h j cb 'Y]bYf
, VYfei Yfi b['XYg'; cbXc[cfc!@U!DUggYg" 8]Y Fci hY 'ZØ\fhY
a]WX 'Ub 'Y]b][Yb 'XYf`gWX ObghYb '6Yf[Y 'XYf`K Y`h'j cfVY].
/ Ua d∧Y``]d/</pre>

K]f`hY]`Yb`X]Y`]bhYfYggUbhYghYb`: U_hYb`ØVYf`XYb`? &ž`[YgUa a Y`h Ui g`^U\fY`Ub[Ya `@YgYbž'GW\fY]VYb`i bX`HfÀi a Yb`ØVYf`X]YgYb VYfØW\h][hYb`6Yf[

5i g'XYa '6U`hcfc!; `YhgW\Yf']a '< YfnYb'XYg'? UfU_cfi a 'Yf\YVh g]W\'XYf'? &ž'Y]bYf'XYf'VYa Yf_Ybgk YfhYghYb'6Yf[Y'XYf'9fXY"'8Yf]b'XYf'6Yf[ghY][Yfk Y`h'j YfY\fhY'DmfUa]XYb[]dZY`']gh'X]Y i `h]a Uh]j Y'< YfUi gZcfXYfi b['ZØf'? `YhhYfYf"

8]Y'k Y`hVYghYb'5`d]b]ghYb'\UVYb'g]W\'Ub'gY]bYb'hØW_]gW\Yb <Àb[Yb'j Yfgi W\h"'9]b][Y'\UVYb'XYb';]dZY`'YfcVYfhž'UVYf'j]Y`Y \UVYb']\f'@YVYb'j Yf`cfYb"

#W. 'k Uf'_Øfn`]WW 'ni a 'YfghYb'A U`']b'DU_]ghUbž'i a 'XYb
? &!6Ug]g`U[Yf!HfY_'ni 'UVgc`j]YfYbž'[YZc`[h'jcb'Y]bYf
, VYfeiYfib['XYg'; cbXc[cfc!@U!DUggYg"'8]Y'FcihY'ZØ\fhY'a]WW

Ub 'Y]b][Yb 'XYf'gWX ObghYb '6Yf[Y 'XYf'K Y `h'j cfVY]. 'HfUb[c 'Hck Yfgž A Ug\YfVfi a ž'A]hfY 'DYU_'i bX '@U]`U'DYU_ž'i a 'bi f'Y]b][Y 'ni bYbbYb"

I bhYfk Y[g``Ug`]W\`nk Y]`6ØW\Yf`ØVYf`XYb`VYfØW\h][hYb`6Yf[žia X]Y`I ba Yb[Yb`Ub`@hYfUhi f`ni `Yf[ÀbnYbž`X]Y`]W\`]a `@Ui ZY`XYf \\\fY`j YfgW\`i b[Yb`\UVY"'Jcb';]dZY`fY_cfXYb`V]g`\]b`ni \\\fYZØ\fYbXYb`H]hY`b`i bhYfgi W\Yb`k]f`X]Y`]bhYfYggUbhYghYb : U_hYb`ØVYf`? &ž`X]Y`?fcbY`XYg`?UfU_cfia g"

K]ggYbgk YfhYg'ØVYf'?&

- %" A]h', "* %%'a 'f&, "&) %'ZhŁ']gh'XYf'? &'XYf'nk Y]h\ÒW\ghY'6Yf[
 XYf'9fXY"'Bi f'XYf'A ci bh'9j YfYgh']gh'a]h', ", (, 'a 'f&- "\$&ZhŁ'\Ò\Yf' 'i a '&' +'a 'f++, 'ZhŁ"'fEi Y``Y.'6f]hUbb]\WL
- &" ? &`]gh`Y]bYf`XYf`%(`5W\hhUi gYbXYfž`X]Y`Y]bn][Yb`6Yf[Y`XYf K Y`h`ØVYf`, "\$\$\$`a `f&* "&(+ 'ZhŁ"`fE i Y``Y.`B 5G5`9Ufh\ C VgYfj UhcfmŁ
- ("8YfBUa Y'A ci bh; cXk]b!5i ghYb'k]fX'[Y'Y[Ybh`]W\ni 9\fYb'jcb'<Ybfm; cXk]b!5i ghYbžY]bYa 'ZfØ\Yb 9bhXYW_Yf'XYf'; Y[YbXž'jYfkYbXYh"8]Y'FcmU` ; Yc[fUd\]WU``GcW]Yhm``Y\bhY'XYb'BUa Yb'UVž'UVYf'Yf kifXY'UiZ'nU\`fY]W\Yb'?UfhYb'jYfkYbXYh'ibX']gh ghY``YbkY]gY']a a Yf'bcW\nigY\Yb"'fEiY``Y.'7=5'Kcf`X :UWhVcc_Ł

:U`h1 K]ggYbgk YfhYg'ØVYf'XUg'@U[Yf'?&'WcbWcfX]U 2?&'j ca @U[Yf'7cbWcfX]U'Ui g'[YgY\Yb

- %" 9]b UbXYfYf \Ai Z][Yf j Yfk YbXYhYf BUa Y]gh 7\c[cf]ž
 UV[Y Y]hYh j cb nk Y] 6U h]! K OfhYfb z W \c[c f[fc > L i b X f]
 fb Yf[L 8] Yg _ Ubb bi f Y]b BUa Y gY]b z XYf j cb k Ygh]W Yb
 9bh X Y W_Yfb Yf Z b X Yb k i f X Y z c X Yf a O[`]W Yfk Y]g Y Y]b Y
 j Yfk]ffh Y 5bhk cfh Ui Z X]Y : f U[Y K]Y \Y] > h X Ug 3 " X U g]W
 bi f g Y \ f k Yb][Y 9]b \ Y]a]g W Y]b X]Y B A \ Y j cb ? & [Yk U[h \ Ahh Y b "f E i Y ` Y . 7 i f f Ub z \]a " f %-, L " ? & . Hf]i a d \ Ub X
 Hf U[Y X m" @ cb X cb . A Uf]b Y f L
- '"8Yf?&kUfV]gjcf_ifnYa XYfY]bn][Y5WkhhUigYbXYfžXYfbcWkb]Y]a K]bhYfVYgh]Y[YbkifXY"=a ⅓biUf&\$&%gWkf]YVYxcWkY]bHYUa jcb'%\$bYdU`Yg]gWkYb6Yf[ghY][Yfb'ibhYfXYf'@Y]hib[jcb'B]agXU]Dif'U'a]hXYa YfghYb'K]bhYf[]dZY`XYg'?&;YgWk]WkhY"fEiY``Y. 667BYkgŁ
- ("9g'k]fX'[YgWAhnhžXUgg'nk]gWXYb'Y]bYa 'j cb'j]Yf'cXYf
 ZØbZ'?&!;]dZY`ghØfa Yfb'Ui Z'XYa '6Yf['gh]fVh"'8]Yg']gh'Y]bY
 ;]dZY`!hc!HcXYgfUhY'j cb'fi bX'&&i "'5a '9j YfYgh'k]fX'X]YgY
 F UhY'Ui Z'' i '[YgWAhnh":5bbUdi fbU']gh'XYf'Y]bn][Y
 5WXhhUi gYbXYf'a]h'Y]bYf'\Ò\YfYb'GhYfV`]WX_Y]hgfUhY'j cb
 fi bX'&) i "'fEi Y`Y.'5`Ub'5fbYhhYŁ

'U`h1 8 Y b_a U``Ua '? &' `K]ggY b gk Y fhYg`ØVY f`XY b`? & 2 5 h`Ug / 6 c c hg`9]b`8 Y b_a U``ZØf`6 Y f[ghY][Y fž`X]Y`Ua '? &`[Yghc fVY b`g]b X

- %" 8 Y f 'Y fghY 'Y fbgh\ U ZhY 'J Y fgi W\ ž X Y b '? & 'ni 'V Y ghY][Y b ž k i f X Y '%- \$& 'j c b 'Y]b Y f 'Y b[`]g W\ ! g W\ k Y]n Y f]g W\ Y b 9 I d Y X]h]c b 'i b hY fb ca a Y b " 'G]Y 'j Y f V f U W\ hY b '* , 'H U[Y 'Ui Z X Y a '? & 'i b X 'Y f f Y] W\ hY b 'Y]b Y 'a UI]a U `Y ' < Ò\ Y 'j c b '* ") &) 'a f \& \" (\$ + ': i » \ L " f E i Y ` Y . '7 c b Y Z f Y m Ž A] \W_ " 'f \& \$ \%) \ L " 'H \ Y ; \ cghg 'c Z'? & " '@c b X c b . 'C b Y k c f `X L
- &" 8]Y`YfghY`6YghY][ib[`XYg`?&`YfZc`[hY`Ua`' %"'≯`]'%-)(XifWX`X]Y`≢hU`]YbYf`@]bc`@UWYXY``]'ibX`5WX]``Y 7cadU[bcb]"'≒f`9fZc`[`kUf`YXcWX`iaghf]hhYbž:XU`g]W

X]Y;]dZY`ghØfa Yf'i bX`UbXYfY`HYUa a]h[`]YXYf']b`XYb
Zc`[YbXYb`\$J\fYb`i bX`\$J\fnY\bhYb`[Y[YbgY]h][`Y]bYf
FY]\Y'j cb`HÀi gW\i b[Yb`Ua `6Yf['j cfk UfZYb"'8]YgYf
JYffUh`VY]b\U`hYhY`XUg`\Y]a`]W\Y`JYf`Y[Yb'j cb`@U[Yfb
i bX`XUg`5VgUi [Yb'j cb`GUi YfghcZZži a `ni Yfgh`XYb';]dZY`
ni `YffY]W\Yb"fEi Y``Y.`H\Y`\$XYdYbXYbhŁ

- ' " 9g'XUi YfhY '&' '\$U\fYž'V]g'XYf'? &'ni a 'nk Y]hYb'A U` VYgh]Y[Yb'k i fXY"'%- ++ 'YffY]W\hY'Y]bY'[Ya Y]bgUa Y 9I dYX]h]cb'\$\dUbg'i bX'DU_]ghUbg'XYb';]dZY`"'8]Y 9I dYX]h]cb'i a ZUgghY'5g\fUZ'5a Ubž'XYb'YfghYb DU_]ghUbYfž'XYf'XYb'? &'VYgh]Y["'fE i Y``Y.'<]a U`UmUb 8 UhUVUgYŁ
- ("6]g' is b]'&\$%- '\UhhYb'bi f'' +- 'A YbgW\Yb'XYb';]dZY``XYg'?& YffY]W\h"'9fghY'6Yf]W\hY'Ui g'X]YgYa 'sJ\f'XYi hYb'XUfUi Z\]b'z'XUgg'X]YgY'NU\``]bnk]gW\Yb'Ui Z'ØVYf'(\$\$'[Ygh]Y[YbgY]b'_ÒbbhYž'XU']b'XYf'GU]gcb'&\$%- 'a Ò[`]W\Yfk Y]gY'ØVYf' \$'DYfgcbYb'XYb';]dZY``VYgh]Y[Yb'\UVYb"'fEiY``Y.'7BBibX'5`Ub'5fbYhhYŁ
-) " 8Yf";]dZY``XYg'?&``]Y[h'Ub`XYf'W\]bYg]gW\!dU_]ghUb]gW\Yb ; fYbnY"`DU_]ghUb``]Y[h']a 'GØXYb'i bX'7\]bU']a 'BcfXYb" fE i Y``Y.'; cc[`Y'9Ufh\\Ł

'U`h1 9j YfYgh'j g"'? &. 'DYhYf']a '6Ug]g`U[Yf'XYg'? & 25h`Ug'/ '6cchg'? &'`]Y[h'Ub'XYf'; fYbnY'nk]gWXYb'DU_]ghUb'i bX'7\]bU

- %" 8 Y f '? & 'k] f X 'b c f a U 'Y f k Y] g Y 'j c b 'X Y f 'd U_] g h U b] g W Y b 'G Y] h Y
 Ui g 'V Y g h] Y [Y b z k c 'g] W 'g Y] b '6 U g] g `U [Y f 'Ui Z 'Y h k U ') "%) \$ 'a
 f h k * ", * 'Z h k 'V Y Z] b X Y h " '8] Y 'F c i h Y 'j Y f k Y b X Y h 'b c f a U `Y f k Y] g Y
 Y] b Y 'F Y] \ Y 'j c b 'j] Y f @ U [Y f b 'j c f 'X Y a '`Y h n h Y b '5 i Z g h] Y ['X Y g
 5 V f i n n]!? Ua a g 'n i a ';] d Z Y ` " 'f E i Y ``Y . 'B U h] c b U `
 ; Y c [f U d \] W k

- 7 Uf`cg`Gcf]U`: cbh½b`XYf`À`hYghY`A YbgW\ž`XYf`XYb`? & VYgh]Y["'fEiY``Y. 6f]h]g\`A cibhU]bYYf]b['7cibW]`Ł
- ("8]Y?&!?UhUghfcd\Y`&\$\$, 'k Uf`XYf`hÒX`]W\ghY`HU[']b`XYf; YgW\]W\hY`XYg`?&!6Yf[ghY][Ybg"'9`Z'6Yf[ghY][Yf`ghUfVYbVY]'Y]bYf`FY]\Y`j cb`Nk]gW\YbZÀ``Yb`bUW\'Y]bYf`9]g`Uk]bYžX]Y`:]IgY]`Y`]b`XYf`BÀ\Y`Y]bYg`9b[dUggYg`k Y[ZY[hY"fEiY``Y.`667Ł

"U`h1 A Y]b 'YfghYf'6`]W_'Ui Z'XYb '6fcUX'DYU_'Ui Z'XYa '? &'6UgY
7Ua d'HfY_ 25h`Ug'/ '6cchg'8Yf'6fcUX'DYU_'VYZ]bXYh'g]W\']b 'XYf
BÀ\Y'XYg'? &

- %" 8]Y'hÒX`]WXghY'?`YhhYfgU]gcb'Ua '?&'k Uf'%-, *"'=bg[YgUa h %' '?`YhhYfYf'ghUfVYb']b'nk Y]'K cWXYb'VY]'[YhfYbbhYb JcfZÀ``Yb"'fEiY``Y.'BYk'Mcf_'H]a YgŁ
- &" 9]bY`XYf`]bhYfYggUbhYghYb`HUhgUW\Yb`ØVYf`XYb`? &`]ghž XUgg`Yf`j cb`ZØbZ`XYf`%+`\ÒW\ghYb`6Yf[Y`XYf`K Y`h`Z`Ub_]Yfh k]fX"`fEiY``Y.`J]Yghi fgž'<fg["`f&\$\$-Ł'? &.`@]ZY`UbX`8YUh\cb`h\Y`K cf`X g`A cgh'8Ub[Yfci g`A ci bhU]b"`BYk`Mcf_. 6fcUXk Um`Ł
- ' " ? & ']gh'Ui W\ 'A]h[`]YX'XYf'g]YVYb'nk Y]hYb';]dZY`/X]Y
 nk Y]h\ OW\ ghYb'6Yf[Y'Ui Z'YXYa '?cbh]bYbh"'9g']gh
 U``[Ya Y]b'UbYf_Ubbhž'XUgg'Yg'Y]bY'gW\ k]Yf][YfY
 < YfUi gZcfXYfi b['k ÀfYž'XYb'nk Y]h\ OW\ ghYb';]dZY``YXYg
 ? cbh]bYbhg'ni 'VYghY][Ybž'UbghUhh'XYb'\ OW\ ghYb"'fE i Y``Y.
 ? fU_Ui Yfž'&b"'f%- +Ł'\Dro'H\]b'5]f"'BYk 'Mcf_.'J]``UfXŁ</pre>
- ("8Yf``YhnhY`* %%'a ``Ub[Y`5VgW\b]hh`XYg`6Yf[Yg`]gh`U`g HcXYgncbY 'VY_Ubbh"'CVYf\U`V'jcb', "\$\$\$`a `]gh`X]Y`@ Zh gc`XØbbž`XUgg`g]Y`c\bY`ni gÀhn`]W\Yb`GUi YfghcZZ'b]W\h Ui gfY]W\hž`i a `A YbgW\Yb`YVYb``Ub[Y`ni `Yf\U`hYb"`fEiY``Y. 667Ł
-) "8Yf``Y[YbXÀfY`6Yf[ghY][Yf`FY]b\c`X`AYggbYf`VYgW\f]YV XYb`?&'U`g`XYb`6Yf[XYf`6Yf[YžbUW\XYa'Yf`%-+-'X]Y j]YfhY`6YghY][ib[XYg;]dZY`g`[YgW\UZZh`\UhhY" 9f`]gh`XYf gW\ObghY`U``Yf`\c\Yb;]dZY`ž'Zi\f`Yf`Zcfh" 9]b`?Øbgh`Yf \Uh`X]YgYb`6Yf[[YaUW\h" fEiY``Y.`Cihg]XY`AU[Un]bYŁ

$6\,Ygi\ WX\,Yb\,{}^*\!G]Y\,{}^*\!i\ bg\,{}^*\!Ui\ Z.\,{}^*\!Y]b\,Y!f\,Y]g\,Y\,{}^*\!X\,Y$