

=a '8i Y``'XYf'?]W_Yfg.'C: 7'Xca]b]Yfh'XYb 6U\`]b[Yf'G7'(.%

?] $W_Yfg^CZZYbVUWX^[Ugh]YfYb^Ua^GcbbhU[^VY]a^6U^^]b[YfG7z^bUWXYa^g]Y^]a^Dc_U^ZØf^:ifcfY^gcf[hYb"^\(\fomalle hnh^n\)A\^hYg_]b^XYf^@][U^$

8]Y?]W_Yfg'CZZYbVUW\`\UVYb'Ua '&) "'5i [i gh'&\$&('VY]a 6U\`]b[Yf'G7'Y]bYb'ØVYfnYi [YbXYb'(.%!5i gk Àfhgg]Y['[YZY]Yfh" BUW\'XYa '_Øfn`]W\Yb'9fZc`[']a '8: 6!Dc_U`'[Y[Yb'XYb'%": 7 A U[XYVi f[ž'VY]'XYa 'X]Y'CZZYbVUW\Yf'ØVYffUgW\YbX'hf]i a d\]Yfh\\UhhYbž'_Y\fhY'XYf'C: 7'bi b'a]h'j]Y`'GW\ki b[']b'XYb'@][U!5``hU[ni fØW_"

8 UgʻGd]Y``VY[Ubbʻj]Y`j YfgdfYW.YbXʻZØfʻX]Yʻ; ÀghY.ʻ6YfY]hgʻ]bʻXYf
*"'A]bi hYʻVfUW.hYʻXYfʻGhØfa YfʻB]_c`Ugʻ6Yf`]bg_]ʻX]Yʻ?]W_Yfgʻa]h
Y]bYa '?cdZVU``hcfʻ]bʻ: Ø\fi b["'Bi fʻnk Y]ʻA]bi hYbʻgdÀhYfʻZc`[hY
XUgʻ&.\$'Xi fW.'Cbi fʻ, b`ØW]ZW]žʻXYfʻa]hʻY]bYa 'Zi `a]bUbhYbʻGWXi gg
Ui gʻ&\$'A YhYfbʻXYbʻHcfk UfhʻXYfʻ6U\`]b[Yfžʻ; fUk Yž'_Y]bYʻ7\UbWY
`]Y» "'8 Ugʻ5i ZY]bUbXYfhfYZZYbʻYf`YVhYʻY]bYbʻk Y]hYfYb
K YbXYdi b_hžʻU`gʻY]bʻi b[`ØW_`]WXYgʻ9][Ybhcfʻj cbʻHcghʻZØfʻXUgʻ' .\$
gcf[hY"'8 Ugʻj]YfhYʻHcfʻYfn]Y`hYʻYfbYi hʻ6Yf`]bg_]ʻ]bʻXYfʻ&' "'A]bi hYž
XYfʻUi gʻY]bYfʻ: `Ub_Yʻj cbʻ, b`ØW]ZW]ʻdfcZ]h]YfhY''

6U\`]b[Yb'_Àa dZh'ni fØW_

 $\pm 0. XYf \cdot nk Y]hYb \cdot < U \cdot VnY]h \cdot gYhnhY \cdot 6U \cdot \cdot \cdot]b[Yb \cdot U \cdot \cdot Yg \cdot XUfUb \dot{z} \cdot XUg \cdot Gd]Y \cdot \cdot ni XfY \cdot Yb \cdot i b X \cdot Yfn]Y \cdot hY \cdot \cdot]b \cdot XYf \cdot (+ " \cdot A]b i hY \cdot XYb \cdot 5 b gWX \cdot i gghfY ZZYf \cdot Xi fWX + Lcgh \dot{z} \cdot XYf \cdot b UWX \cdot Y]b \cdot Yf \cdot 9W_Y \cdot Yf \cdot Zc \cdot [fY]WX \cdot _ Od ZhY " \cdot Hfchn \cdot X]Yg \cdot Yg \cdot _ i fn \cdot Yb 5 i ZVA i a Ybg \cdot _ cbbhYb \cdot X]Y \cdot < Ui g \cdot YffYb \cdot b]WXh \cdot XYb \cdot 8 fi W_ Ui ZfYWXhYf \cdot U \cdot hYb \dot{z} \cdot XYb \cdot g]Y \cdot ZØf \cdot Y]b \cdot 7 \cdot ca YVUW_ \cdot VYb Oh][hYb '' C ZZYb V UWX \cdot nY][hY \cdot g]WX \cdot k Y]hYf \]b \cdot ghUf_ \ i b X \cdot \cdot]Y \ \ g]WX \ b \]WXh \ Ui g$

HfU]bYf'7\f]gh]Ub'BY]X\Ufh'\UhhY'j cf'XYa 'Gd]Y`'VYhcbhž'XUgg'X]Y A UbbgW\UZh'X]Y'9i d\cf]Y'Ui g'XYa 'Dc_U'!G]Y['a]hbY\a Yb'k c``Y'' K]f'k c``Yb'X]Y'@Y]ghi b['Ui W\'Ui Z'XYb'D`Uhn'Vf]b[Yb ž'k i fXY'Yf n]h]Yfh''I bX'XUg'[Y`Ub['XYa 'HYUa ']b'XYf'YfghYb'<À`ZhY Y]bXfi W_gj c``"'Hfchn'nU\`fY]W\Yf'K YW\gY`'i bX'XYf'9]bk YW\g`i b[Zf]gW\Yf'?fÀZhY'Ui Z'VY]XYb'GY]hYb'k Uf'XYf'C: 7'Y]bZUW\'ni 'ghUf_"

8]Y'?]W_Yfg'V`]YVYb'V]g'ni f'+\$"'A]bi hY'cZZYbg]j 'i bX'VYk]YgYb']\fYGhÀf_Y'a]h'_cbhfc``]YfhYb'?cbhYfb'i bX'dfÀn]gYb'DÀggYb"'8]Y]bhYbg]j Y'Ni gUa a YbgYhni b['i bX'Ni gUa a YbUfVY]h'nk]gW\YbXYb'Gd]Y`Yfb'k Uf'Y]b'k Y]hYfYf': U_hcfž'XYf'ni ']\fYa '9fZc`[VY]hfi ["'8]Y'6U\`]b[Yf'\UhhYb'GW\k]Yf][_Y]hYbž'X]Y'CZZYbg]j Y'XYf; ÀghY'ni 'ghcddYb'i bX'_cbbhYb'Y]b][Y'j]Y`j YfgdfYW\YbXY

9]b ghUf_Yf 6Ygi W]b 6U\ `]b[Yb

8 UgʻGhUX]cbʻ]bʻ6U\`]b[YbʻVchʻUbʻX]YgYaʻgcbb][YbʻBUW\a]hhU[Y]bYʻVYgW\Ui`]bʻ6U\`]b[YbʻVchʻUbʻX]YgYaʻgcbb][YbʻBUW\a]hhU[Y]bYʻVYgW\Ui`]W\Yʻ?i`]ggYžʻ]bʻXYfʻX]Yʻ?]W_YfgʻU`gʻ: Uj cf]hYbʻ]bʻX]YDUfh]Yʻ[]b[Ybʻ'HfchnʻXYfʻFØW_g]W\hbU\aYʻUi ZʻX]Yʻj cf\Yf][YGU]gcbž']bʻXYfʻg]Yʻ\]Yfʻa]hʻ% &ʻj Yf`cfYbʻ\UhhYbžʻgW\]YbʻXUgʻHYUaUi gʻCZZYbVUW\XXYi h`]W\j YfVYggYfh''J cf`X]YgYfʻGU]gcbʻ\UhhYʻXYfC: 7 'Ui W\a]hʻJYf`Yhni b[ggcf[Ybʻni '_Aa dZYbžʻYXcW\k Uf`X]YAUbbgW\UZhʻUa 'Gd]Y`hU['[i h'[YZØ``hž'UV[YgY\Ybʻj ca 'j Yf`YhnhYb JbʻI fV]W\"

BY]X\Ufh`\UhhY`Y]bY`_`UfY`GhfUhY[]Y.`8]Y`A UbbgW\UZh`gc``hY`X]Y
dcg]h]j Y`9bYf[]Y`XYg`Dc_U`gd]Y`g`bi hnYbži a `Ui W\`]b`XYf
FY[]cbU``][U`ni `di b_hYb"`BUW\`XYa `VYY]bXfi W_YbXYb`(.\$`ni f
<U`VnY]h`k Uf`X]Y`: cfXYfi b[ž`XUg`\c\Y`B]j YUi `Ui ZfYW\hni Yf\U`hYb
i bX`YfbYi h`ni `di b_hYb"

8]YgY'_`UfY'?ca a i b]_Uh]cb'i bX'XUg'JYfhfUi Yb'nk]gWXYbGd]Y`Yfb'i bX'HfU]bYf'gWXY]bYb'XYf'GWX`ØggY``ni 'gY]bž'i a 'X]Y?]W_Yfg']b'X]YgYa '\$J\f'k Y]h'cVYb']b'XYf'HUVY``Y'ni 'd`Uhn]YfYb"'8]Y_ca a YbXYb'<YfUi gZcfXYfi b[Ybž'XUfi bhYf'Gd]Y`Y'[Y[Yb

 $< c ZZYb \ Y]a = i bX : i \ XU! @ Y \ b Y fn z k Y f X Y b : n Y][Y b z k] Y : [i h : X] Y \\ HY Ua Xmb Ua]_ : k]f_`]W :]gh : b X : c V : X Y f : C : 7 :]b : X Y f : @ U[Y :]gh z : X] Y \\ A ca Y bh : a g Y f] Y : Ui Zf Y W hni Y f \ U `h Y b "$

CVk c\``Yg`bi f`XYf`GhUfh`]b`Y]bY``Ub[Y`GU]gcb`]ghž`gWXY]bYb`X]Y?]W_Yfg`CZZYbVUW\`[i h`XUfUi Z'j cfVYfY]hYh'ni 'gY]bž`gck c\``]b`]\fYb]bX]j]Xi Y``Yb`: À\][_Y]hYb`U`g`Ui W\`]b`]\fYa 'HYUa [Y]gh'ni [`ÀbnYb"

9]b'j]Y`j YfgdfYW\YbXYf'5i ZhU_h'ZØf'?]W_Yfg'C ZZYbVUW\']a k Y]hYfYb'J Yf`Ui Z'XYf'GU]qcb"

8]Y?]W_YfgCZZYbVUW\fC: 7\L\UVYbg]W\]bYXYfU_hiY`Yb
FY[]cbU``][U!GU]gcbY]bYbgY\f[ihYbGhUfhYf_AadZh"A]hY]bYa
GhAf_Y!ibXDcdi`Uf]hAhgnikUW\gghfYVYbX]Y?]W_Yfgb]W\hbif
bUW\gdcfh`]W\Ya '9fZc`[žgcbXYfb'UiW\bUW\Y]bYfgc`]XYb
D`Uhn]Yfib[']bXYf@][U"HfU]bYf7\f]gh]UbBY]X\UfhVYhcbhžXUgg
X]YGh]aaib[']bXYfAUbbgW\UZhbUW\XYa8:6!Dc_U`!G]Y['ØVYfAU[XYVif['Ai **)Yfghdcg]h]jgY]'ibXX]YGd]Y`Yfach]jYfhž]\fY
@Y]ghib[']bXYb_caaYbXYb@[U!Gd]Y`Yb'niVYghAh][Yb"A]h
Y]bYfVfY]hYb'IbhYfghØhnib['jcb'XYb':Ubg'\cZh'XYfC:7žgY]bY
[ihY:cfaVY]niVY\U`hYb'ibX'X]Y'?cb_iffYbn'\]bhYfg]W\ni
`UggYb"

8]Y `F Y []c b U``] [U ']gh' b]W\ h' b i f Y]b Y `k]W\ h] [Y `D`UhhZc fa 'ZØf hU`Y b h]Y fhY 'Gd]Y `Y fž 'gc b X Y fb 'U i W\ 'Y]b 'Gd fi b [V fY hh 'ZØf '? `i V gž 'X]Y \O\Y f_`Ugg] ['gd]Y `Y b 'a OW\ hY b "'8 Y f '8 fi W_'U i Z'X]Y 'J Y fY]b Y ž]b gV Y gc b X Y fY 'gc `W\ Y 'a]h Y]b Y f ``Ub [Y b 'H f U X]h]c b 'k]Y 'C ZZY b V U W\ ž]gh Y f\ Y V `]W\ " <]ghc f]g W\ '[Y gY \ Y b 'k U f 'X Y f 'C : 7 'Y]b gh Y]b 'Z Y gh Y f 6 Y gh U b X hY]` 'X Y f '6 i b X Y g`] [U 'i b X 'gh f Y V h 'X U b U W\ ž 'k]Y X Y f ']b 'X]Y \O\Y f Y b '@ [Y b 'U i Zni gh Y] [Y b " '8]Y 'D\]` c g c d \]Y 'X Y g '7 `i V g 'n Y] [h 'Y]b Y _`Uf Y '5 i g f] W\ hi b ['U i Z' X]Y 'B U W\ k i W\ g Z O f X Y fi b ['i b X 'X U g ':]b X Y b j c b 'H U `Y b h Y b ž 'X]Y '] b 'X Y f 'Y f g h Y b 'A U b b g W\ U Z h 'Y] b [Y g Y h n h 'k Y f X Y b _O b Y b "

FibXia X]Y?]W_YfgCZZYbVUW

 $8 \]Y \ ? \]W_Y \ fg \ `C \ ZZY \ b \ V \ UWX \ `g] b \ X \ `b \]WX \ h \ 'b \ i \ f \ `Y \]b \ `V \ Y \ `]Y \ V \ h \ f \ : \ i \ » \ V \ U \ ``j \ Y \ f \]b \ \check{z}$

GhUh]gh]_Yb i b X U_hi Y ``Y : cfa

5_hi Y``Y`GhUh]gh]_Yb`nY][YbžXUgg`X]Y`?]W_Yfg`CZZYbVUW\`]b`XYbYfghYb`ZØbZ'Gd]Y`Yb`XYf`U_hi Y``Yb`FY[]cbU``][U!GU]gcb`Y]bYVYa Yf_Ybgk YfhY`@Y]ghi b[`\]b[Y`Y[h`\UVYb"`+b`X]YgYb`Gd]Y`Yb_cbbhYb`g]Y`Y]bY`\c\Y`HfYZZYfei chY`Yfn]Y`Yb`i bX`XYZYbg]j `ghUV]`Ui ZhfYhYb"`8Yf`C:7`\Uh`]b`XYb`V]g\Yf][Yb`Gd]Y`Yb`Y]bY`HcfV]`Ubnjcb`%&.'žk Ug`Ui Z`X]Y`CZZYbg]j Y`j cb`Gd]Y`Yfb`k]Y`, b`ØW]ZW]`i bX`6Yf`]bg_]`ni fØW_ni ZØ\fYb`]ghž`X]Y`VYfY]hg`a Y\fYfY`k]W\h][Y`HcfYYfn]Y`h`\UVYb"`8]Y`A UbbgW\UZh`]ghXU\Yf`VYghfYVhž`X]YgYb`HfYbXZcfhni gYhnYb`i bX`]\fY`9f[YVb]ggY`]b`XYb`_ca a YbXYb`Gd]Y`Yb`ni jYfVYggYfb"

± XYf FY[]cbU``][U'nY][h'g]WX 'Y]b 'ghUf_Yg'?cb_i ffYbni a ZY`X 'a]h UbXYfYb 'YhUV`]YfhYb 'J YfY]bYb 'k]Y 'XYa 'GJ '9`j YfgVYf['i bX 'XYa : 7 '< ca Vi f["'9g']gh'YbhgWXY]XYbXž XUgg 'XYf'C: 7 ']b 'XYb _ca a YbXYb 'Gd]Y`Yb '_cbghUbh'V`Y]Vhž i a 'Yfk À[Ybgk Yfh'ni V`Y]VYb i bX 'a Ò[`]WXYfk Y]gY 'XYb '5 i Zgh]Y[']b 'X]Y '\Ò\YfYb '@][Yb ni 'gWX UZZYb"

8 YhU]`g

6Yqi WXYb G]Y i bq Ui Z b!U["XY