

6Yf`]b!6Øf[Yf'ZfYi Yb'g]W\'ØVYf'bYi Yb 8Yb_a U`dZ`Y[Yd`Ub'ZØf'K U`Xg]YX`i b[NY\`YbXcfZ°

; $Ya \hat{A} \times Y]bYa \cdot 6Yf]WWhijcbkkk "VYf`]bYf!kcWWY"XY']gh'ZØf$ $X]Y'KU`Xq]YX`ib[`NY\`YbXcfZ']b`6Yf`]b'Y]b'bYiYf$ 8 Yb a U`dZY[Yd`Ub'| YfÒZZYbh`]W\h'k cfXYb"'8]YqYf'D`Ub kifXY]a FU\a Yb Y]bYgia ZUb[fY]WXYb 6YhY]`][i b[gj YfZU\fYbg'gY]h'C_hcVYf'U_hi U`]g]Yfh"'8]Y K U Xg Y X i b [NY Y b X c f Z]gh Y]b Y Y]gh c f]g W Y G]Y X i b []a $]gh"G]Y'kifXY'U`g'; UfhYbghUXh'_cbn]d]Yfh'ibX'[]`h'U`g'$ 6Y]gd]Y`ZØfacXYfbYbGhÀXhYVUi"8]YG]YX`ib[VYghY\h'Uig _`Y]bYb'9]bZUa]`]Yb\Ài gYfbž'X]Y'j cb'j]Y`'; fØb'i bX'K U`X ia [YVYb^g]bX"*8Yf^bYiY^8Yb_a U`dZY[Yd`Ub^V]YhYh*XYb $6Yk c bYfb i bX XYf^2 ZZYbh w _Y h XYhU \) YfhY$ =bZcfa Uh]cbYb'ØVYf'X]Y'[YgW\ØhnhYb'ibX'Yf\U`hYbgkYfhYb 9`Ya YbhY XYf K U`Xg]YX`i b["'9f `Y[h ZYghž k]Y a]h JYfÀbXYfi b[Yb i bX GUb]Yfi b[Yb i a [Y[Ub[Yb / Ua d∧Y``]d/

"8]Y'K U'Xg]YX'i b['NY\'YbXcfZ']gh'Y]bY'\]ghcf]gW\Y'G]YX'i b[']a
GØXk YghYb'j cb'6Yf']bž'X]Y']b'XYb'%- &\$Yf'\J\fYb'YbhghUbXYb']gh''
G]Y'k i fXY'U'g'; UfhYbghUXh'_cbn]d]Yfh'i bX'[]'h'U'g'6Y]gd]Y''ZØf
a cXYfbYb'GhÀXhYVUi "'8]Y'G]YX'i b['VYghY\h'Ui g'_'Y]bYb
9]bZUa]']Yb\Ài gYfbž'X]Y'j cb'j]Y''; fØb'i bX'K U'X'i a ['YVYb'g]bX''
8Yf'bYi Y'8Yb_a U'dZY[Yd'Ub'V]YhYh'XYb'6Yk c\bYfb'i bX'XYf
2ZYbh']W_Y]h'XYhU]`']YfhY'\DZcfa Uh]cbYb'\ØVYf'X]Y'[YgW\ØhnhYb
i bX'Yf\U'hYbgk YfhYb'9'Ya YbhY'XYf'K U'Xg]YX'i b[''9f''Y[h'ZYghž
k]Y'a]h'JYfÀbXYfi b[Yb'i bX'GUb]Yfi b[Yb'i a [Y[Ub[Yb'k YfXYb

gc``ži a 'XYb'7\UfU_hYf'i bX'X]Y'\]ghcf]gW\Y'6YXYi hi b['XYf G]YX`i b['ni 'VYk U\fYb"

8]Ygʻ]ghʻVYgcbXYfgʻk]W\h][ž'XUʻX]YʻK UʻXg]YX`i b[ʻNY\`YbXcfZY]bY VY`]YVhYʻK c\b[Y[YbXʻ]ghʻi bXʻnU\`fY]W\YʻA YbgW\YbʻUbn]Y\h"\8Yf 8Yb_a UʻdZY[Yd`UbʻghY``hʻg]W\YfžʻXUggʻXUgʻUfW\]hY_hcb]gW\Yʻ9fVY XYfʻG]YX`i b[ʻfYgdY_h]Yfhʻi bX'[YgW\Øhnhʻk]fXžʻk À\fYbX [`Y]W\nY]h][ʻnY]h[Ya À»Yʻ5bdUggi b[Ybʻi bXʻFYbcj]Yfi b[Yb Yfa Ò[`]W\h'kYfXYb"

 $8 \ Yf'D`Ub'kifXY']a \ `FU\ aYb'Y]bYg'6YhY]`][ib[gjYfZU\ fYbgU_hiU`]g]Yfhž'VY]`XYa \ `X]Y'6Ykc\ bYf'ibX']bhYfYgg]YfhY'DUfhY]Yb]\ fY'AY]bib[Yb'ibX'JcfgW\ `A[Y'Y]bVf]b[Yb'_cbbhYb'' `8]Yg[Yk\ A\f`Y]ghYh'Y]b'\c\Yg'AU\ "Ub'HfUbgdUfYbn'ibX XYac_fUh]gW\Yf'9bhgW\Y]Xib[gZ]bXib["$

 $8 \ Ub_`XYg`bYi Yb`8Yb_a \ U`dZY[Yd`Ubg`_Ubb`X]Y`K \ U`Xg]YX`i b[NY\`YbXcfZ']\fY`Y]bn][Ufh][Y`\]ghcf]gW\Y`=\XYbh]h\Ah`VYk U\fYb`i bX[`Y]W\nY]h][`XYb`6YXØfZb]ggYb`XYf`6Yk c\bYf`[YfYW\h`k YfXYb"`$

8 YhU]`q

6Ygi WXYb G]Y i bg Ui Z. a Y]b!VYf`]b bYh