

Jc``gdYffi b['XYf'@'&)) ']b'; ØhYfVYf['j ca '&%"'⅓`]'V]g'%" 5i [i gh'&\$&) 'k Y[Yb'GW\ÀXYb'Ua '8i fW\`Ugg"'I a `Y]hi b[Yb Y]b[Yf]W\hYh"



; ØhYfVYf[ž'8 Yi hgWX `Ub X ! '5 V 'A cbhU[ž'XYa '&%"' * `]ž'k]fX'X]Y @UbXYgghfU» Y '@'&)) ']a 'C fhghY]`'; ØhYfVYf['[YgdYffh" 8]YgY A U» bU\a Y 'gc``'V]g': fY]hU[ž'XYb '%" '5 i [i ghž'UbXUi Yfb" '8 Yf'; fi bX ZØf'X]Y 'J c``gdYffi b[']gh'Y]b 'GWX UXYbgZU``'Ua '8 i fWX `Ugg'i bhYf'XYf GhfU» Yž'VY]'XYa 'Yg'ni 'Y]bYf'[YZÀ\f`]WXYb '5 VgUW_i b[']b 'XYf : U\fVU\ba]hhY'[Y_ca a Yb ']gh" '5_hi Y``Y'I bhYfgi WXi b[Yb 'nY][Yb Ubž'XUgg'Y]b '9]bVfi WX 'XYg'8 i fWX `UggYg'Xfc\h" 8 U\Yf'k]fX'X]YgYf 5 VgWX b]hh'nk]gWXYb'XYf'? fYi ni b['a]h'XYf'_ca a i bU`Yb'GhfU» Y i bX'Yhk U' < Ui gbi a a Yf'&\$ 'ZØf'U``Y'JYf_Y\fghY]`bY\a Yf i bdUgg]YfVUf'gY]b"'8]Y'_ca a i bU`Y 'GhfU» Y 'V'Y]Vh'YXcWX VYZU\fVUfži a 'XYb'5bk c\bYfb'XYb'Ni [Ub['ni 'Yfa Ò[`]WXYb"

K À\fYbX XYf 6Ui nY]h \ Uh XYf @UbXYgVYhf]YV GhfU» Ybk YgYb

 $6fUbXYbVif[\]b`NigUa\ a\ YbUfVY]h`a\]h`XYf`6UiZ]fa\ U`GHF565; \\ Y]bY`kY]hfÀia][Y`Ia`Y]hib[\ Y]b[\ Yf]WXhYh''`G]Y`ZØ\fh'jcb`XYf`@ \\ \&))``ØVYf`@]bX\cfghž`@VVYbck ž`BYia Ubbg\cZibX`HfYVYbck `V]g nif`@`&)*''`Jcb`Xcfh`[Y\h`Yg`kY]hYf`ØVYf`KYfVY`ck`ibX`A]`ck`nif 6`%$(`]b`F]WXhib[`GhfUgVif[`fl\W_Yfa\Uf_\E''`KYf']b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYfF]b`ia\[Y_Y\fhYb']AbXb]g`ZØf`X]YgY`bchkYbX][Y`A\U\b\b\U\a\Y\z\X]YZØf`X]Y`J\Yf_Y\fgg]WX\Yf\Y]h`YbhgWX\Y]XYbX`]gh''$

6Ài a Yž'X]Y'[YZÀ\f`]W\Yb'Ni ghÀbXYb k Y]W\Yb

 $8 c W X U g '] g h 'b] W h 'X] Y 'Y] b n] [Y '6 U i g h Y `Y 'U i Z X Y f '@ &)) . '5 i W n k] g W Y b '@ U i V U W g a Ø \ `Y 'i b X '8 U h n Y f c h \ 'g h Y \ Y b '] b 'X Y f ``Y h n h Y b $ U f k c W Y 'f j c a '& + "'V] g '' % " $ U b i U f k '6 U i a Z \ ``U f V Y] h Y b 'U i Z X Y f 5 [Y b X U " '<] Y f 'k Y f X Y b '6 \ A i a Y '[Y Z \ `h x X] Y 'U i Z [f i b X 'j c b 'G W \ A X Y b i b X '? f U b _ \ Y] h Y b 'Y] b 'F] g] _ c 'X U f g h Y ``Y b " : Ø f 'i b [Y Z \ A \ f '* $ $ 'A Y h Y f k] f X 'X] Y 'G h f U " Y 'k \ A \ f Y b X 'X Y f '5 f V Y] h Y b 'j c b '- 'I \ f 'V] g '% * 'I \ f 'j c `` [Y g d Y f h x k c V Y] 'Y] b Y 'I a `Y] h b ['Ø V Y f 'X] Y 'C f h g X i f W \ Z U \ f h B] Y X Y f V] Y V Y f 'i b X 'X] Y '6 ' &) * 'U i g [Y g W] `X Y f h 'k] f X " : Ø f 'X] Y 'N Y] h X U b U W X '] g h Y] b Y '\ U `V g Y] h] [Y 'J Y f _ Y \ f g Z Ø \ f i b ['a] h '5 a d Y `U b `U [Y [Y d `U b h x k U g 'X Y b 'J Y f _ Y \ f Y h k U g 'Y b h `U g h Y b 'g c ``h Y "$

9]b'[fc» Yg'5i [Yba Yf_'`]Y[h'XUVY]'Ui W\'Ui Z'XYf'9fbYi Yfi b['XYf GW\'i hnd`Ub_Yb'Ui Z'Y]bYa '[YgUa hYb'GhfY\w_YbUVg\\ b]hh'j cb'Yh\ U\%\Z+'_a \Z'XU'X]YgY'b]\\ h'a Y\f'XYb'[Y`hYbXYb'G]\\ Yf\Y]hgghUbXUfXg YbhgdfY\\ Yb''8]Y'[YZ\`hYb'6\Ai a Y'gc``Yb']a 'JYf\\A`hb]g'\\' n\]g\\ Yb'XYf'@'\&))'i bX'XYa 'FUXk Y['bYi'[YdZUbnh'k YfXYb\Z'k Ug Z\%f\\&\)'[Yd`Ubh']gh''8]Y'ni gh\\bX][Y'6Y\\OfXY'\@6\A'7c\\Ya!?cV`Ybn'\Uh'YVYbZU``g'i a 'JYfgh\\bXb]g'\Z\%f'X]YgY'5fVY]hYb [YVYhYb''G]\\XYf`]\\Y\G]\\XYf\Y]h'XYf'JYf_Y\\fghY]`bY\\a Yf cVYfghYg'; YVch''

5i Z'G]WXYfY]h'i bX'9ZZ]n]Ybn'VYXUWXh

 $\pm 0.5\,b\,V\,Y\,hf\,U\,W\,h\,^\circ\!g\,c\,^\circ\!W\,Y\,f\,^\circ\!6\,U\,i\,g\,h\,Y\,^\circ\!Y\,b\,^\circ]g\,h\,^\circ\!Y\,g\,^\circ\!k\,]\,W\!\!\lambda\,h][\,\,\check{z}\,^\circ\!X\,]\,Y$

G]WWYf\Y]hgj cf_Y\fi b[Yb'b]WWhini j YfbUWW`Agg][Yb"'6Ui ghY``Yb g]bX'cZh'[YZÀ\f`]WWY'CfhY'gck c\``ZØf'5fVY]hYf'U`g'Ui WW'ZØf DUggUbhYb"'8]Y'9]b\U'hi b['j cb'5fVY]hggWWi hn!'i bX
I a k Y`hgWWi hnj cfgWWf]ZhYb'a i gg'_cbh]bi]Yf`]WW'ØVYfk UWWh k YfXYbži a '; YZU\fYbei Y``Yb'ZfØ\nY]h]['ni 'Yf_YbbYb'i bX'ni VYgY]h][Yb"'5i WW'X]Y'8c_i a YbhUh]cb'gÀa h`]WWYf'5V'Ài ZY']gh YggYbn]Y``' 'j cb'6Ui d`ÀbYb'V]g'\]b'ni 'DfØZdfchc_c``Ybž'XUa]h fYWWh]WWY'5bZcfXYfi b[Yb'YXYfnY]h'YfZØ``h'g]bX''8][]hU'Y HYWWbc'c[]Yb'i bX'GcZhk UfY`Ògi b[Yb'[Yk]bbYb'\]YfVY] ni bY\a YbX'Ub'6YXYi hi b[ži a 'X]Y'9ZZ]n]Ybn'VY]'XYf'D`Ubi b[gck]Y'I a gYhni b['j cb'6Ui ghY``Yba UbU[Ya Ybh'ni 'ghY][Yfb' 'gck]fX'VY]gd]Y`gk Y]gY'XYf'Ni [Ub['ni '8 UhYb'Xi fWW'7`ci X! 7ca di h]b['j YfVYggYfhži bX'9WWhnY]hUbU'mgYb'k YfXYb'Xi fWW j YfbYhnhY'6Ui a UgWW]bYb'Yfa Ò[`]WW h'g]Y\h'_`]W_fYbh'

8]Y``Ui ZYbXYb`6Ui ghY``Yb`Ui Z'XYf`@`&)) 'j YfXYi h`]W\Ybž'k]Y k]W\h]['Yg`]ghž'fYW\hnY]h]['Ui Z'ghfi _hi fY``Y`A Àb[Y``ni 'fYU[]YfYb i bX`XUVY]'[`Y]W\nY]h]['X]Y`G]W\Yf\Y]h`XYf`J Yf_Y\fghY]`bY\a Yf`]a 6`]W_`ni '\UVYb"`A]h`[i hYa 'D`Ubi b[ga UbU[Ya Ybh'i bX Xi fW\XUW\hYb`I a `Y]hi b[Yb``Àggh'g]W\`ni a]bXYgh'XYf`I ba i h`XYf 5i hcZU\fYf`]a 'NUi a '\U`hYbž'Ui W\`k Ybb'Yg`_Y]bYb`K Y['i a 'XYb 5bfi Z'XYg`I a VUi g`[]Vh"

8 Y hU]`g		
Cfh	; ØhYfVYf[ž'8Yi hgWX`UbX	
Ei Y``Yb	• k k k "bcfX_i f]Yf"XY	
	• k k k "V`]W_!U_hi Y``"XY	
	• k k k "_`]W_fYbh"XY	

6Ygi WXYb G]Y i bg Ui Z b!U["bYh