

BYi Yf'J cfghUbX'XYf'; fØbYb'[Yk À\`h'G]Y[VYfh'?cW\'ni a '9\fYba]h[`]YX°

A]h[`]YXYf`XYf`; fØbYb`]b`@]W\hYbZY`g`k À\`hYb`bYi Yb JcfghUbX`i bX`X]g_i h]YfhYb`ghfUhY[]gW\Y`5i gf]W\hi b[`ZØf`X]Y _ca a YbXYb`AcbUhY"



@]WW hYb ZY`gž'8 Yi hgWW`Ub X '!' \(\) Y]bYa '`YV\UZhYb'5i ghUi gWW'ØVYf X]Y'dc`]h]gWW Yb'< YfUi gZcfXYfi b[Yb'XYg'@UbX_fY]gYg'@]WW hYb ZY`g hfUZYb'g]WW 'X]Y'A]h[`]YXYf'XYg'?fY]gj YfVUbXg'j cb'6-\$#8]Y'; fØbYb ni f''À\f`]WW Yb'A]h[`]YXYfj YfgUa a`i b[']b'XYf'; UghghÀhhY K U`XZf]YXYb'Ua '?cfX][Ugh"'8]Y'J YfUbghU`hi b[ž'X]Y'Ua '%&"'\(\) b] &\$&) 'ghUhhZUbXž'k Uf'[Ubn'XYa 'F ØW_V`]W_'Ui Z'XUg'j Yf[Ub[YbY \(\) \]\f'gck]Y'XYb'UbghY\YbXYb'J cfghUbXgk U\`Yb'[Yk]Xa Yhž'k]Y XYf': fÅb_]gWW Y'HU['VYf]WW hYh"

9]b 'VYgcbXYfYf'A ca Ybh'k Uf'X]Y '9fbYbbi b['j cb'G]Y[VYfh'?cW\
ni a '9\fYba]h[`]YX"'?cW\ž'XYf'ØVYf'nY\b'\\\\\\\fY'U`g'?Ugg]Yf'XYf
@]W\hYbZY`gYf'; fØbYb'X]YbhY'i bX'U_hi Y``'Ui W\'GhUXhfUh']ghž'k i fXY
ZØf'gY]b'j cfV]`X`]W\Yg'9b[U[Ya Ybh'[Yk ØfX][h''A Ufh]b'GW\ÒVž

Y]bYf'XYf'VY]XYb'GdfYWXYfž'gdfUWX'jcb'?cWxg'NijYf`Agg][_Y]h ibX'gY]bYa'ibYfa ØX`]WXYb'9]bgUhn'ZØf'X]Y'5b`]Y[Yb'XYf'; fØbYb"

JcfghUbXgk U\`Yb'i bX'bYi Y'; Yg]W hYf

6Y] XYb J cfghUb Xgk U\ Yb k i fXY X]Y VYk À\fhY : Ø\fi b[ggd]hnY i a 'GUb XfU'B cggY_'i b X 'A Ufh]b 'GW\ ÔV ']a '5a h 'V YghÀh][h''BYi ']b XYb J cfghUb X [Yk À\ h'k i fXY '8 ca]b]_'GW\ a]hh'U`g'? Ugg]Yf'gck]Y DUI `'8 Y ``Yfh'i b X 'A Uh\]Ug'GÔ``b Yf'U`g'6Y]g]hn Yfž'k Ug'ZØf'Zf]gW\ Yb K]b X ']bb Yf\U`V'XYg'HYUa g'gcf[h''6Yfb UfXU'7U``Ybg'V`Y]Vh GW\ f]ZhZØ\ fYf]b ž'k À\ fYb X 'X]Y'6Y]g]hn Yf]b b Yb 'Gi gUbb': fY]Vi f[ž 7\f]gh]b Y'GW\ a]Xhž'GUV]b Y'\JW\ a Ubb'i b X '7\f]gh]Ub' < cfbi b[YVYb ZU``g'k Y]hYf\]b 'k]W\ h][Y'J YfUbhk cfhi b['ØVYfbY\a Yb'' GUb XfU'B cggY_'nY][hY'g]W\ 'YfZfYi h'ØVYf'X]Y'A]gW\ i b['Ui g 9fZU\fi b['i b X'bYi Yb'\]\XYfb''X]Y'XUg'HYUa 'VYfY]W\ Yfh''

8]Y'JYfgUa a `i b['h\Ya Uh]g]YfhY'Ui W\XX]Y'ghfUhY[]gW\Y
5i gf]W\hi b['XYg'?fY]gj YfVUbXg'ZØf'X]Y'_ca a YbXYb'A cbUhY"'<]Yf
ghY\Yb'X]Y'; fØbYb']bgVYgcbXYfY']b'XYf'JYfUbhk cfhi b[ž'X]Y
H\Ya Yb'?`]a U!'i bX'I a k Y`hgW\i hn'gck]Y'X]Y'Gh\Af_i b['XYf
8Ya c_fUh]Y'k Y]hYf'j cfUbni hfY]VYb"'8Ug'9b[U[Ya Ybh']b'X]YgYb
6YfY]W\Yb'k i fXY']a '\\J\fYgfØW_V`]W_'VYgcbXYfg'\Yfj cf[Y\cVYb"

9]b 6`]W_'Ui Z'X]Y fY[]cbU`Y GhÀf_Y

 $\pm 0.6 \ UmYfb^{-}[\ Yk\]bbYb^{-}X]Y^{-}; \ fØbYb^{-}]a\ a\ Yf^{-}a\ Y\ f^{-}Ub^{-}G]W\ hVUf_Y]h^{-}i\ bX\\ 9]bZ^{-}i\ ggZ^{-}i\ bX^{-}Ui\ W^{-}X]Y^{-}ghY][\ YbXYb^{-}A\]h[\ `]YXYfnU\ `Yb^{-}gd]Y[\ Y`b^{-}XUg$

 $k \ UW \ gYb \ XY \ ^{\pm}bhYfYggY \ ^{\pm}Ub \ ^{\pm}XYb \ ^{\pm}dc \ ^{\pm}h]gW \ Yb \ ^{\pm}H \ Ya \ Yb \ ^{\pm}XYf \ ^{\pm}DUfhY]$ $k \ [XYf'''9]b \ ^{\pm}6 \ ^{\pm}W \ ^{\pm}Ui \ Z'X]Y \ ^{\pm}f \ ^{\oplus}bYb \ ^{\pm}j \ ^{\pm}Cf \ ^{\pm}Cfh \ ^{\pm}nY][\ hz \ ^{\pm}XUgg \ ^{\pm}nU \ ^{\pm}Y]W \ Y$ $@Ub \ XYgj \ YfV \ ^{\pm}b \ XYz \ ^{\pm}XUfi \ bhYf \ ^{\pm}XYf \ ^{\oplus}Ub \ XYgj \ YfV \ ^{\pm}b \ ^{\pm}G]W \ ^{\pm}U \ ^{\pm}h]j$ $[b \ ^{\pm}X]Y \ ^{\pm}dc \ ^{\pm}hY[ggY \ ^{\pm}Ub \ ^{\pm}XYf \ ^{\pm}Ub \ ^{\pm}Y \ ^{\pm}$

8]Y; fØbYb']a '@UbX_fY]g'@JW\hYbZY`g'gW\Y]bYb'U`gc'VYghYbg
Ui Z[YghY``hž'i a 'X]Y'UbghY\YbXYb'< YfUi gZcfXYfi b[Yb'Ubni [Y\YbibX'X]Y'Gh]a a Y']\fYf'K À\`Yf'gY`VghVYk i ggh'ni 'j YfhfYhYb"'A Ub
XUfZ'[YgdUbbh'gY]bž'k Ug'X]Y'_ca a YbXYb'A cbUhY'Vf]b[Yb'k YfXYbibX'k]Y'DUfhY]'i bX'A]h[`]YXYf'Ui Z'X]Y'[YgY``gW\UZh`]W\Yb
JYfÀbXYfi b[Yb'fYU[]YfYb'k YfXYb"

8 Y hU]`g	
Cfh	@]WX hY b ZY`gž'8 Yi hgWX`Ub X
EiY``Yb	• k k k "ZfUYb_]gWXYfhU["XY
	• k k k "[fi YbY!_["XY
	• k k k "[fi YbY"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'bU[!VUmYfb "XY