

BUWN hg']b'XYf'?fÀa dZYfj cfghUXh. 'GhfY]h nk]gWN Yb'BUWN VUfb'Yg_U`]Yfh

BUWX VUfgWX UZhgghfY]h']b'9fZifh.'@UihghÀf_Y'ZØ\fh'ni Dc`]nY]Y]bgUhn'ibX'ni'Y]bYa'ibYfk UfhYhYb'?cbZ]_h nk]gWXYb'BUWXVUfb"

9]b'BUW\VUfgW\UZhgghfY]h'i bX'gY]bY': c`[YbZØf'X]Y'; Ya Y]bgW\UZh

9fZi fh'flchgŁ

± XYf'fi \][Yb'?fÀa dZYfj cfghUXh'j cb'9fZ fh'YfY][bYhY'g]W\']b'XYf BUW\h'ni a '&+"'→ `]'&\$&('Y]b'JcfZU``ž'XYf'X]Y BUW\VUfgW\UZhgVYn]Y\i b[Yb'Ui Z'X]Y'DfcVY'ghY``hY'i bX'k]W\h][Y : fU[Yb'ni '; Ya Y]bgW\UZhii bX'Hc`YfUbn'Ui Zk UfZ''I a '&'.%)'I\f VYa Yf_hY'Y]b')\$!'À\f][Yf'5bk c\bYf'`Ui hghUf_Y'; YfÀi gW\Y'Ui g XYa 'BUW\VUf\Ui g'i bX'VYZØfW\hYhYž'XUgg'Y]b'9]bVfi W\'ghUhhZ]bXY"8]Y'5`Ufa]Yfi b['XYf'Dc`]nY]'k Uf'XUfUi Z\]b'Y]bY'FYU_h]cb'Ui Z gY]bY'Gcf[Yb'i a 'X]Y'G]W\Yf\Y]h']b'XYf'BUW\VUfgW\UZh'

$Dc^{nY}^{y} W Y = bhYfj Ybh]cb$

8]Y Y]bhfYZZYbXYb 'Dc`]nY]VYUa hYb 'a UW hYb 'YXcW 'gW bY```_`Ufž XUgg 'Yg 'g]W 'b]W h'i a 'Y]bYb '9]bVfi W '\ UbXY`hYž gcbXYfb 'i a K Ufhi b[gUfVY]hYb 'XYg 'B UW VUfbž 'X]Y 'c\bY 'F ØW_g]W h'Ui Z'X]Y gdÀhY 'I \fnY]h 'ghUhhZUbXYb "'8]Y '6YUa hYb 'k]YgYb 'XYb 'B UW VUfb XUfUi Z'\]bž 'X]Y 'B UW hfi \Y 'ni 'fYgdY_h]YfYbž 'i bX 'gW `cggYb']\fYb YfghYb'9]bgUhn 'UV" '8 cW 'X]Yg 'k Uf'bi f'XYf'5bZUb['XYf'DfcV`Ya Yž X]Y 'X]YgY 'bÀW h`]W Yb '5fVY]hYb 'a]h 'g]W 'VfUW hYb"

8 Yf 'nk Y]hY '9]bgUhn'i bX 'X]Y '? cbgYei YbnYb

Jcb XYb '9fY][b]ggYb 'XYf 'YfghYb 'B UWX h'Y]b Yg'i bfi \][Yb 'B UWX VUfb Ybha i h][hž'_Y\fhYb 'X]Y 'Dc `]nY]VYUa hYb 'Yhk U'nk Y] 'Ghi b XYb 'gd ÀhYf ni f'['Y]WX Yb '5 XfYggY 'ni fØW_" '8 Yf 'B UWX VUfž' XYf 'ZØf 'gY]b Y 'gd ÀhYb 5 fVY]hYb 'ni j cf'_f]h]g]Yfh'k cfXYb 'k Ufž'k Uf 'ØVYf'X]Y '\dangle hYfj Ybh]cb XYf 'Dc `]nY]'j Yf Àf[Yfh'i b X'fYU[]YfhY 'Ui Z'gY]b Y 'Y][YbY'K Y]gY "'9f Ybh 'YYfhY 'gY]b Y 'A Ø``hcbb Y ']a '; UfhYb 'XYg 'VYgcf[hYb '5bk c\bYfgž k Ug'X]Y 'G]hi Uh]cb 'Yg_U`]YfhY 'i b X'Y]b Yb 'k Y]hYfYb 'Dc `]nY]Y]bgUhn YfZcfXYf`]WX 'a UWX hY'"

9h\]gW\Y', VYf`Y[ib[Yb'ibX BUW\VUfgW\UZhgVYn]Y\ib[Yb

8]YgYf'JcfZU```k]fZh'[fi bX`Y[YbXY::fU[Yb'ØVYf'XUg Ni gUa a Yb`YVYb']b'K c\b[Y[YbXYb'Ui Z"8]Y'G]hi Uh]cb j YfXYi h`]W\hž'k]Y'k]W\h]['[Y[YbgY]h][Yf'FYgdY_h'i bX'JYfghÀbXb]g ZØf'X]Y'@YVYbgkY]gY'XYg'UbXYfYb'g]bX"'K À\fYbX'XYf i fgdfØb[`]W\Y'5bfi Z'Ui g'G]W\Yf\Y]hgVYXYb_Yb'YfZc`[hYž'nY][h'X]Y FYU_h]cb'XYg'BUW\VUfbž'k]Y'gW\bY```g]W\'?cbZ]_hY'Ybhk]W_Y`b _ÒbbYbž'kYbb'; fYbnYb'ØVYfgW\f]hhYb'kYfXYb"

8]Y'Fc``Y'XYf'Dc`]nY]']b'GhfY]hg]hi Uh]cbYb

Dc`]nY]VYUa hY`g]bX`]b`gc`W\Yb`GhfY]h][_Y]hYb`cZh`U`g`A YX]UhcfYb [YZcfXYfh" \Rightarrow fY`5i Z[UVY`VYghY\h`b]W\h`bi f`XUf]bž`XUg`; YgYhn`ni k U\fYbž`gcbXYfb`Ui W\ž`GdUbbi b[Yb`UVni VUi Yb`i bX`XYb`8]U`c[nk]gW\Yb`XYb`DUfhY]Yb`ni `ZÒfXYfb"`Gc`_Ubb`Y]b`9]bnY`bYf`g]W\`ZØf gY]bY`<UbX`i b[Yb`j YfUbhk cfhYb`a ØggYbž`k Ug``Ub[Zf]gh][`ni `Y]bYf Yf\Ò\hYb`5W\hi b['j cf`XYb`6YXØfZb]ggYb`i bX`FYW\hYb`XYf BUW\VUfb`ZØ\fYb`_Ubb"

⇒ '9fZi fh'k]fX'X]YgYf'J cfZU```k Y]hYf\]b 'VYcVUW\hYhZ'XU'X]Y

; Ya Y]bgW\UZh'ØVYf'X]Y '6YXYi hi b['gcf[ZÀ`h][Yf'?ca a i b]_Uh]cb
i bX'F ØW_g]W\hbU\a Y']b 'B UW\VUfgW\UZhgZfU[Yb 'bUW\XYb_h'' 'Gc`W\Y
6Y[YVYb\Y]hYb 'g]bX'b]W\h'bi f'9]bnY`ZÀ``YZ'gcbXYfb 'gd]Y[Y`b
<YfUi gZcfXYfi b[Yb'k]XYfZ'a]h'XYbYb'j]Y`Y'GhÀXhY'i bX
</p>

; Ya Y]bXYb`_cbZfcbh]Yfh`g]bXž`k Ybb`Yg`i a `XUg`Ni gUa a Yb`YVYb [Y\h"

B 5;

8 Y hU]`c

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["X Y