

K]hh'Gc`i h]c b g`]a ` < Uj Y``UbX.
9fZc` [fY]Wk Y`5i gV]`Xi b [`hfc hn
: UWk _fÀZhYa Ub [Y`°

⇒ a ` < Uj Y``UbX`g]bX`&\$&(`VYgcbXYfg?`cWk!`i bX`6Øfc!`xVg
[YZfU[h`I bhYfbY\`a Yb`gi WkYb`Xf]b [YbX`5i gni V]`XYbXY"
⇒ bZcfa]YfYb`G]Y`g]Wk`Yhnh`

9`ghU`ž`8Yi hgWk`UbX`!`⇒ < Uj Y``UbX``Ài Zh`Yg`ZØf`X]Y`K]hh
Gc`i h]c b g`; a V<`fi bX`°8 Ug`I bhYfbY\`a Ybž`XUg`Ui Z`A YgghYWk b]_
ZØf`; `Y]Wk ghfca Ub`U [Yb`gdYn]U`]g]Yfh`]ghž`gi Wk h`\`ÀbXYf]b [YbX
bUWk`bYi Yb`A]hUfVY]hYfbž`_Ubb`UVYf`bcWk`_Y]bY` [YY][bYhYb
6Yk YfVYf`Z]bXYb"; YgWk`ÀZhgZØ\`fYf`?`Ui`g`; fUX]gWkY`_ []Vhni ž`XUgg
X]Y`Gi WkY`bUWk`9`Y`_hfc b]_Yfb`i bX`A YWk Uhfc b]_Yfb
\`YfUi gZcfXYfbX`]gh"i a`XYa` : UWk _fÀZhYa Ub [Y`
Ybh [Y [Ybni k]f_Ybž`j YfUbghU`hYh`X]Y` :]fa U`Ua` `+"`Bcj Ya VYf
Y]bYb`HU [`XYf`cZYbYb`HØf`]a`8mfchYf`F]b [`` "

K]hh'Gc`i h]c b g`\`Uh`g]Wk`]bhYfbUh]c b U`Y]bYb`B Ua Yb` [Ya UWk hž`a]h
; YfÀhYbž`X]Y`]b`GhAXhYb`k]Y`< Ua Vi f [ž`6Yf`]b`i bX`gc [Uf`]b
⇒ ghUbVi`ž`? UbUXU`i bX`5i ghfU`]Yb`]a`9]bgUhn`g]bX`"Hfch`n`XYf
dcg]hj Yb`k]fhgWk UZh]WkYb`@ [Y`i bX`XYf`ghY][YbXYb`B UWk ZfU [Y
bUWk`@Y\`f`]b [Ybž`VY`_U [h`; fUX]gWkY`ž`XUgg`j]Y`Y`6Yk YfVYf`b]Wk h
X]Y`bØh [Y`A ch]j Uh]c b`a]hVf]b [Yb`"5`_hi Y``\`Uh`XUg`I bhYfbY\`a Yb
nk Y]5i gni V]`XYbXY`]a`YfghYb`i bX`Xf]hYb`@Y\`f`U\`fž`XUfi bhYf`5n]g
8`"Ui`g`? Ua Yfi bž`XYf`gY]bY`@Y]XYbgWk UZh`ZØf`HYWk b]_`VYfY]hg`]b
gY]bYf`?]bX\`Y]h`Yb`hXYW`_hY`"

8]Y`5i gV]`Xi b [gV]`Ubn`]a` < Uj Y``UbX`nY][`h`g]Wk`]bg [YgUa h`dcg]hj ž
a]h,`'`*` [Ya Y`XYhYb`5i gV]`Xi b [gghY``Yb`V]g`9bXY`GYdhYa VYf`i bX
Y]bYa`5bgh]Y [`XYf`6Yk YfVYf`i a`nY\`b`Dfc nYbh`"8Yb`bcWk`V`Y]VYb
+ \$`@Y\`fghY``Yb`i bVYgYhnhž`]bgVYgcbXYfY`]b`J`Yf`_Ui`ZgVYfi`ZYb`i bX

XYf@U[Yfk]fhgW\UZh"8]Y'5fVY]hgU[Ybhi f'Yfa i h][h'x [YbX`]W\Yž
g]W\`ZfØ\nY]h]['i a '5i gV]'Xi b[gd`ÀhnY`ni`_Øa a Yfbž'XU`VYfY]hg
a Y\f`U`g`%\$\$`ZFY]Y`GhY`Yb`ZØf`XUg`5i gV]'Xi b[g'U\f`&\$\$&)
[Ya Y`XYh'k i fXYbž`VYf]W\hYh'k k k "a Un!c b`]bY"XY"

8YhU]`g	
Cfh	9`ghU`ž'8Yi hgW\`UbX

6Ygi W\Yb`G]Y`i bg`Ui Z.`b!U["XY