

Dc_U`_Ua dZ]b`K]YgVUXYb. `K Y\Yb `[]Vh
U`Ygž`gWXY]hYfh`UVYf`_bUdd `[Y[Yb`A U]bn

K Y\Yb`K]YgVUXYb`_Aa dZihUdZYf`ja `Dc_U`i bX`j Yf`Yfh
bUW`J Yf`Ab[Yfi b[`%. ' `[Y[Yb`A U]bn" `HfU]bYf`nY][Yb`g]W
ghc`n`hfchn`9bhhAi gWxi b["

5a `GUa ghU[`[UV`Yg`Y]b`dUW_YbXYg`8i Y``ja `8: 6!Dc_U`ž`U`g
K Y\Yb`K]YgVUXYb`Ui Z`A U]bn`\$) `hfUZ`A]h`Y]bYa`ghUf`_Yb`K]`Yb
i bX`\UfhYf`5fVY]h`ghY`h`Yb`g]W`X]Y; Ugh[YVYf`XYf
<YfUi gZcfXYfi b[ž`XcW`hfchn`\fYf`_Aa dZYf]gWXYb`@Y]ghi b[
a i gghYb`g]Y`g]W`Ua `9bXY`[YgW`U[Yb`[YVYb`"8 Ug`Gd]Y`k Uf
[YdfÄ[hj`cb`]bhYbg]j Yb`Nk Y]_Aa dZyb`i bX`Ya`ch]cbU`Yb
A ca YbhYbž`Ui W`k Ybb`XUg; `ØW`_b]W`h`Ui Z`GY]hYb`XYf`F`ch!
GWk UfnYb`k Uf"

6YfY]hg`]b`XYf`%("A]bi hY`gcf[hY; `ØnØg]f]b`ZØf`X]Y`ZfØ\Y; `Ø\fi b[
XYf`K]YgVUXYbYf`bUW`Y]bYa`a]gg`i b[YbYb`?`Äfi b[gj Yfgi W`XYf
A U]bnYf`5Vk Y\f`"8]YgY; `Ø\fi b[`[UV`XYf`A UbbgW`UZh`i a`HfU]bYf
B]`g`8Øf]b[`ni gÄhn`]W`Yb`GWk i b["8]Y`XYZYbg]j Y`GhUV]`hÄh`XYf
; Ugh[YVYf`\]Y`h`X]Y`C`ZYbg]j _fÄZhY`Ui g`A U]bn`k Y]hYgh[Y\YbX`]b
GWUW`"6YgcbXYfg`Yfk Ä\bYbgk Yfh`k Uf`X]Y`A`Ö[`]W`_Y]hj`cb
A cf]hn: `ch\cž`X]Y; `Ø\fi b[`Ui Z&.`\$`Ui gni VUi Yb`"8cW`XYf
A U]bnYf`Hcfk UfhgdYn]U`]gh`F`cV]b`NYbhbYf`nY][hY`Y]bY
VYY]bXfi W`_YbXY`DUfUXY`i bX`j Yf`\]bXYfhY`XUg`nk Y]hY`Hcf`ZØf
K]YgVUXYb"

8Yf; `Y]W`ghUbX`i bX`X]Y`Yb`hgW`Y]XYb`XYb
A ca YbhY

⇒XYf`nk Y]hYb`<U`VnY]h`_Ua Yb`X]Y`A U]bnYf`VYggYf`]bg`Gd]Y`i bX
Yg`XUi YfhY`V]g`ni f`) - "A]bi hYž`U`g`g]W`8ca]b]_`?`c\`f`ZØf`gY]b

HYUa`j]b`GnYbY`gYhnhY"A`h`Y]bYa`dfÅn]gYb`:`UW`gW`i`gg`Ui`g
\\U`VfYW`hYf`Dcg]h]cb`[`]W`Yf`X]Y`DUfh]Y`Ui`g"8]YgYf`5i`g[`Y]W`
gcf[`hY`Z0f`Y]bYb`Ybcfa`Yb`8fi`W`_`Ui`ZXUg`HYUa`j`cb`K`Y`Yb
K`]YgVUXYbž`XUg`g]W`bi`b`j`YfghÅf`_`h`Ui`ZX]Y`8YZYbg]j`Y
_`cbnYbhf]YfYb`a`i`gghY"

8]Y`fY[`i`ÅfY`Gd]Y`nY]h`YbXYhY`a`h`Y]bYa``%`%`!`bYb`hgW`]YXYbž`k`Ug
X]Y`Ni`gW`Ui`Yf`]b`X]Y`J`Yf`Åb[`Yfi`b[`Z0`\\`fhY"("<]Yf`\\`c`ZYb`X]Y`:`Ubg
Ui`ZY]bY`K`YbXY`ni`a`Dcg]h]j`Yb`Z0f`X]Y`:`Ugh[`YVYf"8`c`W`]b`XYf
J`Yf`Åb[`Yfi`b[`gc`h`Yb`g]W`X]Y`<`c`Zbi`b[`Yb`b]W`h`YfZ0`Yb`8]Y
K`]YgVUXYbYf`_`Ugg]YfhYb`nk`Y]V]hhYfY`:`Y[`Ybhc`fYž`X]Y`XYb
Gd]Y`ghUbX`Ui`Z`%`'`Z0f`A`U]bn`_]`ddhYb"8]Y`9b`hÅi`gW`i`b[`k`Uf
gd0fVUfž`gck`c`\\`Ui`ZX`Ya`D`Uhn`U`g`Ui`W`]b`XYb`F`Y]Yb`XYf
5b`\\`Åb[`Yf"

F`Y`U`_`h]cbYb`i`b`X`5i`gV`]W`_

5a`9bXY`g]bX`k`]f`Ui`g[`YgW`]YXYb`i`b`X`Yb`hgd`fYW`YbX`Yb`hÅi`gW`h"
HfchnXYa`0VYfk`]Y[`h`XYf`Ghc`n"K`]f`\\`UVYb`Y]bYb`[`fc»`Ufh][`Yb
Dc`_`U`Z][`\\`h[`Y`]YZYfhi`b`X`X]Y`DUfh]Y`0VYfk`]Y[`YbX`Ui`g[`Y[`]W`Yb
[`Y`U`hYb`ž`Yf`_`ÅfhY`HfU]bYf`B]g`8`0f]b[`b`UW`X`Y`a`Gd]Y`"Hfchn`XYf
B]YXYf`U[`Y`k`Uf`Yf`ni`Zf]YXYb`a`h`XYf`@Y]ghi`b[`gY]bYf`A`UbbgW`UZhž
X]Y`]b`XYb`YfghYb`A`]bi`hYb`Y`Xc`W`bc`W`J`YfVYggYfi`b[`gdchYbh]U`
gU`"

8`Ug`HYUa`_`Ui`g`A`U]bnž[`Y`Y]hYh]j`cb`7`c`UW`6`c`<`Yb`f]_`gcb`ž`k`i`gghYž
XUgg`g]Y`U`Y`g[`YVYb`a`i`gghYbž`i`a`[`Y[`Yb`X]Y`c`ZYbg]W`h`]W`
ghUf`_`Yb`K`]YgVUXYbYf`ni`[`Yk`]bbYb"9`g`k`Uf`Y]b`gW`k`]Yf][`Yg`Gd]Y`
Z0f`i`bgž[`Y[`Yb`Y]bYb`gY`f`ghUf`_`Yb`:`Y[`bYf`ž`Z0[`hY`<`Yb`f]_`gcb
\\]bni`ž`XYf`X]Y`@Y]ghi`b[`XYf`K`]YgVUXYbYf`c`VhY"6Y]XY`HfU]bYf
k`UfYb`g]W`Y]b][`ž`XUgg`Yg`g]W`i`a`Y]b`]bhYbg]j`Yg`i`b`X`gd`UbbYbXYg
Gd]Y`"U`b`XY`hY`ž`XUg`X]Y`:`Ubg`a`]hfY]»`hY"

B`UW`X]YgYa`Ya`ch]cbU`Yb`Dc`_`U`gd]Y`ghUfhYh`Z0f`K`Y`Yb
K`]YgVUXYb`Y`hnh`XYf`:`c`_`i`g`ni`f0W`_`Ui`ZX]Y`@[`U"8`Ug`b`ÅW`ghY
<`Y]a`gd]Y`[`Y[`Yb`9bYf[`]Y`7`chVi`g`ghY`h`j`cf`XYf`H0fž`i`b`X`XUg
HYUa`_`Uh`g]W`j`cf[`Ybca`a`Ybž`X]Y`i`b[`YgW`U[`YbY`GYf]Y
Zcfni`gYhnhYb"A`h`XYa`F`0W`_`U`h`XYf`:`Ubg`\\`c`ZYb`g]Y`XUfUi`Zž

8 YZYbg]j Ui Z[UVYb`Yf`YX][Yb`a i gghYb`"8]Y`[YbUi Y`5i ZghY`i b[k]fX`g]W`]b`XYb`Y`h`hYb`HfU]b]b[gY]b`Y]hYb`j cf`XYa`Gd]Y`nY][Yb` 5`Y`fX]b[g`V`Y]Vh`X]Y`A UbbgW`UZh`hf`ch`X`Y`f`F`ØW`gW``À[Y cdh]a]gh]gW`ž`X]Y`GYf]Y`]b`XYf`@[U`Zc`f`h`ni`g`Y`h`n`Y`b`"

5i ZGY]hYb`j cb`A U]bn`\$) `g]Y`h`X]Y`G]h` Uh]cb`UbXYfg`Ui`g/g]Y` _`ÒbbYb`]a`]b`ÀW`ghYb`@[Ugd]Y`Ui`Z`Y]bY`V`fY]hYfY`9fgUhnVUb`_ ni`f`ØW`_[fY]ZYb`ž`k Ug`]\`bYb`Y`f`Ui` Vhž`]\`fYb`?`UXYf`ghf`UhY`[]gW``ni` f`ch]YfYb`"8]Yg`_`Òbb`hY`Z`Øf`K`Y`Y`b`K`]YgVUXYb`Y]bY` <YfUi`gZc`f`XYfi`b[`XUfghY`Y`b`ž`XU`X]Y`A U]bnYf`Y]bYb`ghUf`_Yb`?`UXYf` \`UVYb`ž`XYf`]b`XYf`6i`bXYg`][U`Y`f`ZU`f`Y`b`Y`f`]gh`"

: Ub`f`Y`U`_`h]c`b`Y`b`i`b`X`i`b`h`Y`f`g`h`Ø`h`ni`b`[

8]Y`i` Ub`g`j`cb`K`Y`Y`b`K`]YgVUXYb`nY][hYb`k`À`f`Y`b`X`XYg` Dc`_`U`gd]Y`g`i`bYfa`ØX`]W`Y`i`bhYfghØhni`b[ž`X]Y`X]Y`Gd]Y`Y`f` Ub`Z`i`Y`fhY`ž`g`Y`V`gh`U`g`X]Y`DUfh]Y`]b`X]Y`J`Y`f`À`b[Yfi`b[]`[]b["8]YgY` I`bhYfghØhni`b[]gh`Y`b`hg`W`Y]XYb`X`ž`XU`X]Y`A UbbgW`UZh`XUfUi`Z` Ub[Yk`]YgYb`]ghž`]b`XYf`@[U`Y]bYb`À`b`]W`Y`b`F`ØW`_`U`h`ni` YfZU`f`Y`b`ž`i`a`k`Y]hYf`]\`b`k`Y`h`V`Y`k`Y`f`V`g`Z`À`][`ni`V`Y]VYb`"8]Y` 5ha`cgd`À`f`Y`]a`GhUX]cb`k`À`f`Y`b`X`XYg`Gd]Y`g`k`Uf`Y`Y`_`hf]g]YfYb`X`ž` i`b`X`X]Y`i` Ub`g`nY][hYb`ž`XUgg`g]Y`]\`]bhYf`]f`Y`a`HYUa`ghY`Y`b`ž`Ui`W`]b`g`W`k`Y`f`Y`b`NY]hYb`"

8]Y`b`ÀW`ghYb`H]W`_`Y`hg`Z`Øf`XUg`<Y]a`gd]Y`i`[Y[Yb`9bYf[]Y`7`ch`h`Vi`g` g]b`X`V`Y`f`Y]hg`]b`XYb`J`Y`f`_`Ui`Z`[Y[Ub[Yb`ž`k`c`V`Y]j`]Y`Y`H]W`_`Y`hg` gW`b`Y`Ui`gj`Y`f`_`Ui`Zh`g]b`X`"8]Y`J`cf`Z`f`Y`i`XY`]b`XYf`i`Ub[Ya`Y]b`XY`]gh` gd`Ø`f`V`U`f`ž`XU`X]Y`i`bhYfghØhni`b[`Z`Øf`X]Y`A UbbgW`UZh`]b`X]Y`g`Y`f` _`f]h]gW`Y`b`D`U`g`Y`X`Y`f`G`U]gc`b`Y`b`hg`W`Y]XYb`X`g`Y]b`k`]f`X`"

8 YhU]`g

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