

J Z6 'Ghi hh[Ufh. '5i Z'XYf'Gi WXY'bUWX'XYa
dYfZY_hYb'5bhcb!B UWX Zc`[Yf

J Z6 'Ghi hh[Ufh\ Uh'c ZZYbVUf'Y]b'5b[YVch'ZØf' ðbYbj YfhY]X][Yf
8YUb'<i]'gYb'UV[Y[YVYbž'i a 'K U'XYa Uf'5bhcb'ni
YfgYhnYb"

⇒ J cfZY'X'XYf'bYi Yb'GU]gcb'ghY\h'XYf'J Z6 'Ghi hh[Ufhj cf'XYf
<YfUi gZcfXYfi b[ž'Y]bYb'BUWX Zc`[Yf'ZØf'XYb'ni '6cfi gg]U
8cfha i bX'[Yk YWAgY'hYb'K U'XYa Uf'5bhcb'ni 'Z]bXYb'"K Ä\fybX
j]Y'Y': Ubg'i bX'9I dYfhYb'[YgdUbbh'Ui Z'X]Y'9bhk]W_i b[Yb'V']W_Ybž
nY][h'g]W'Y]b'_UfYf'HfYbX'ja 'XYi hgW'Yb': i » VU''ž'XYf'Ui Z'X]Y
]bhYbg]j Yb'K YhhVYk YfVY'i a 'j]Y'j YfgdfYWX'YbXY'HU'YbhY'\]bk Y]gh"

8Yf'?cb_i ffYbn_Ua dZ'i a '⇒bYbj YfhY]X][Yf

8]Y'Gi WXY'XYg'J Z6 'Ghi hh[Ufh'bUWX'Y]bYa 'bYi Yb'ðbYbj YfhY]X][Yf
gd]Y[Y'h'X]Y'Bch'k YbX][_Y]h'k]XYfž'ja 'U_hi Y''Yb': i » VU''i a Z'X
_cb_i ffYbnZÄ\]['ni 'V'Y]VYb'"A]h'B Ua Yb'k]Y'GYdd'j Ub'XYb'6Yf[ž
5fh\i f'H\YUhY'i bX'8YUb'<i]'gYb'k]fX'c ZZYbg]W'h]W'ž'XUgg'X]Y
GW'k UVYb'b]W'h'U''Y]b'Ui Z'XYf'»] X'bUWX'J YfghÄf_i b[Yb'g]bX'"8Yf
J Z6 '_cb_i ff]Yfh'a]h'a Y\fyfYb'6i bXYg`][]ghYb'i bX'a i gg'g]W'XYb
<YfUi gZcfXYfi b[Yb'Y]bYg'Ub[YgdUbbhYb'HfUbgZYfa Uf_hYg
ghY''Yb"

⇒bj Ygh]h]cbYb']b'HU'YbhY'k]Y'j Ub'XYb'6Yf[

@Ui h'6Yf]W'hYb'a ØggYb'X]Y'J YfUbhk cfh]W'Yb'XUa]h'fYW'Ybž
nk]gW'Yb'%'\$'i bX'%) 'A]''cbYb'9i fc'ZØf'Y]bYb'bYi Yb
⇒bYbj YfhY]X][Yf'ni ']bj Ygh]YfYb'"J Ub'XYb'6Yf[ž'Y]b'%- &'A YhYf
[fc»Yf'J YfhY]X][Yfž'XYf'ni 'Yhnh'VY]'A U]bn'\$) 'gd]Y'hYž'_ÖbbhY'Y]bY
UhhfU_h]j Y'C dh]cb'gY]b'"5''YfX]b[g'_ÖbbhY'XYf'Ub[Y[YVYbY'DfY]g

j cb`&\$`A]``cbYb`9i fc`Z0f`Ghi hh[Ufh`ni` \cW`gY]b``9g]gh
VYa`Yf`_Ybgk`Yfhž`XUgg`XYf`A Uf`_h`Z0f`#bYbj`YfhY]X][Yf`Xi`fW`X]YgY
DfY]gb]j`YUi`g`]a`a`Yf`a`Y`f`i`bhYf`8fi`W`_`[Yf`Åh`

< i]^gYb. `9]b`j]Y`j`YfgdfYW`YbXYg`HU`Yb`h`

9]b`k`Y]hYfYf`B`Ua`Yž`XYf`]a`F`Ui`a`ghY`hž]gh`8YUb`<i`]^gYbž`Y]b`Yfgh
%-`!`Å`f][Yf`Gd]Y`Yfž`XYf`j`cb`ž`j`Ybhi`g`Hi`f]b`Ub`X]Y`5G`F`ca
Ui`g[Y`]Y`Y`b`k`Uf``6Yf]W`hYb`ni`Zc`[Y`U`h`Ghi`hh[Ufh`VYfY]hg`Y]b
5b[YVch`Z0f`]\b`i`bhYfVfY]hYh``<i`]^gYb`ghY``h`YXcW`bi`f`Y]bYb`HY`]
XYf`<YfUi`gZcfXYfi`b[`XUfž`XU`6cfi`gg]U`8cfha`i`bXž`6UmYfb
A`0bW`Ybž`XYf`J`Z@`K`c`ZgVi`f[`i`bX`6UmYf`\$(`@Yj`Yf`_i`gYb`YVYbZU``g
Ub`XYa`h`U`Yb]YfhYb`5V`k`Y`f`gd]Y`Yf`]bhYfYgg]Yfh`g]bX`"

A`Uf`_hj`Yf`ÅbXYfi`b[Yb`i`bX`X]Y`Gi`W`Y`bUW`
E`i`U`]h`Åh`

8]Y`#Zcfa`Uh]cbg`U[Y`nY][hž`XUgg`X]Y`6i`bXYg`][]ghYb`ni`bY`a`YbX
VYfY]h]g]bXž`\c`Y`HfUbgZYfVYhfÅ[Y`Z0f`j`]Y`j`YfgdfYW`YbXY`Gd]Y`Yf
ni`]bj`Ygh]YfYb``8]YgYf`HfYbX`_0bbhY`a`0[`]W`Yfk`Y]gY`Ui`W`
5i`gk`]f`_i`b[Yb`Ui`Z`X]Y`Ub[Zf]gh][Y`GhfUHy[]Y`XYg`J`Z6`Ghi`hh[Ufh
\UVYb``9]b`bYi`Yf`#bYbj`YfhY]X][Yf`_0bbhY`b]W`h`bi`f`X]Y
8YZYbg]j`Y`j`Yfgh`Åf`_Ybž`gcbXYfb`Ui`W`U`g`Gma`Vc``Z0f`X]Y
5a`V]h]cbYb`XYg`7`i`Vg`X]YbYb`"

A`Uf`_Yh]b[fY]gY`bUW``>JdUb`i`bX`XYf`5i`gV`]W`_

5a`(`&)` ``ž` `]Vf]W`h`XYf`J`Z6`Ghi`hh[Ufh`ni`Y]bYf`A`Uf`_Yh]b[fY]gY`bUW`
>JdUb`Ui`Zž`k`cVY]X]Y`K`U`f`gW`Y]b`]W`_Y]h[Yf]b[`]ghž`XUgg`Y]b
bYi`Yf`#bYbj`YfhY]X][Yf`X]Y`F`Y]gY`UbhfYhYb`k`]fX``8Yb`bcW`V`Y]Vh
UVni`k`UfhYbž`c`V`X]Y`;`Ygd`f`ÅW`Y`i`bX`J`Yf`UbX`i`b[Yb`k`Å`fYbX
X]YgYf`NY]h`i`c`fhgW`f]hhY`a`UW`Yb`k`YfXYb``8Yf`6YXUfZ`Ub`Y]bYf
ghfUHy[]gW`Yb`J`Yfgh`Åf`_i`b[`]b`XYf`8YZYbg]j`Y`V`Y]Vh`YXcW`
i`bUVX]b[VUfž`i`a`a`]h`XYb`5bgdf0W`Yb`]b`XYf`6i`bXYg`][U`GW`f]hh
ni`U`hYb`"

Ni`gUa`a`YbZUggYbX`nY][h`X]Y`G]hi`Uh]cb`i`a`XYb`J`Z6`Ghi`hh[Ufhž`k`]Y

k]W\h['Yg]ghž'hU`Ybh]YfhY`Gd]Y`Yf`ni` [Yk]bbYb`i` bX`[`Y]W\`nY]h[
XYb`<YfUi`gZcfXYfi`b[Yb`Y]bYg`k`YhhVYk`YfVg]bhYbg]j`Yb`A`Uf`hYg
[YfYW\`h`ni`k`YfXYb`"8]Y`_ca`a`YbXYb`K`cW\Yb`k`YfXYb
YbhgW\`Y]XYbX`XUZØf`gY]bž`cV`XYf`7`i`V`YfZc`[fY]W\`Y]bYb
BUW\Zc`[Yf`ZØf`K`U`XYa`Uf`5bhcb`Z]bXYb`_Ubb"

· ·B 5;

8YhU]`g

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