

8]Y `@Y[YbXY `XYg`7UYgUf`GU`UXg. `9]bY
_i `]bUf]gWY `F Y]gY`i a `X]Y`K Y`h

9fZU`fYb`G]Y`X]Y`ZUgn]b]YfYbXY` ; YgW]W]hY`XYg`7UYgUf
GU`UXg. `J cb`gY]bYf`9bhghY`i b[`]b`A YI]_c`j cf`%\$`\$`U`fYb`V]g
ni `gY]bYf`k Y`hk Y]hYb`J YfVfY]hi b["A mh`Yb`z`F YnYdhY`i bX
bcghU`[]gWY`9f]bbYfi b[Yb"

9]b `? `Ugg]_Yf`ZY]Yfh`> V]`Ài a ` `%\$`\$`U`fY
7UYgUf`GU`UX

⇒ a `U`f`%-`&(`gc``7YgUfY`7UfX]b]`XYb`VYfØ`a hYb`7UYgUf`GU`UX
YfZ] bXYb`U`VYb`ni a]bXYgh`gU[h`X]Y`@Y[YbXY`gc""8cW`Y]b][Y
: cfgW`Yf`nk Y]Z]b`Ub`X]YgYf`J Yfg]cb`i bX`j Yfa`i hYb`z`XUgg`X]Y
K U`f`Y]h`\\]bhYf`XYf`9bhghY`i b[`XYg`GU`Uhg`j cb`A mh`Yb`i a [YVYb
]gh`C V`gdc`bhUbY`?fYUh]cb`cXYf`[Yd`UbhY`b`bcj Uh]cb`z`X]Y
; YgW]W]hY`XYg`7UYgUf`GU`UXg`V`Y]Vh`V]g`\\Yi hY`ZUgn]b]YfYbX"

8 Yf`K Y[`j cb`A YI]_c`]b`X]Y`K Y`h

7YgUfY`7UfX]b]`k]fX`cZh`U`g`XYf`GW`OdZYf`XYg`7UYgUf`GU`UXg
Ub[YgY`Yb""8cW`gY]b`6fi XYf`5`YI`hfi [`YVYbZU`g`XUni`VY]z
]bgVYgcbXYfY`a]hXYf`Ni [UVY`j`cb`5bW`cj]gž`X]Y`a]hYfk`Y]Y`Y]b
i`bj`Yfn]W`hVUfYf`6YghUbXhY]`XYg`F YnYdhg`g]bX""5i W`@j]c`GUbh]b]ž
Y]b`A]hUfVY]hYf`XYg`F YghUi`fUbhgž`gc``VY]`XYf`9bhghY`i b[`Y]bY
k]W]h[Y`F`c``Y`[Ygd]Y`h`U`VYb"

I a `Ub`X]Y`I fgd`fØb[Y`XYg`GU`Uhg`ni`Yf]bbYfb`ž`k`i`fXY`]b`H]↑ UbU
Y]bY`6fcbnYghUhi`Y`j`cb`7UfX]b]`Yb`h`Ø`h`ž`X]Y`]`b`a]hY]bYf
GU`UhgW`ØggY`nY][h`8`Ug`F YghUi`fUbh`7UYgUf`gž`XUg`Yf`Xcfh`%-`'`%
Yf`ÖZbYhY`ž]gh`\\Yi hY`Y]b`Gma`Vc`ZØf`X]Y`_i`]bUf]gWY`?fYUh]j]h`Àh
XYg` ; Ughfcbca`Yb""Hf`chn`gY]bYg`gd`ÀhYfYb`9fZc`[g]b`XYb`I`G5`V`Y]V

H]† UbU`XYf`C fhž`Ub`XYa` `XYf`7UYgUf`GU`UX`Yfgha U`g`X]Y
K Y`hVØ\`bY`VYhfUH"

J cb`A cg_Ui`V]g`GØXUZf]_U` `XYf`7UYgUf
GU`UX`k Y`hk Y]h

K Ug`Y]bgh`]b`A YI]_c`VY[Ubbž`]gh`\Yi hY`Y]b`k Y`hk Y]hYf`?`Ugg]_Yf"
8Yf`5i hcf`XYg`ž V]`Ài a gVi Włgž`DcV`YhYž`\Uh`]b`XYb`YhnhYb`nY`b
š\`fYb`Ui Z`YXYf`F Y]gY`7UYgUf`GU`UXg`VYghY`h`i bX`ZYgh[YghY`hž
XUgg`g]Wł`XUg`FYnYdh`]b`YXYa` `@JbX`Y]Włhj Yf`ÀbXYfh`J cb
; UfbY`Yb`]b`GdUb]Yb`V]g`\]b`ni`F Y]gk Y]b`]b`šdUb` `YXY`?i`hi`f
Vf]b[h]\`fY`Y][YbY`BchY`]b`XYb`7UYgUf`GU`UX`Y]b"

8]Y`9fZc`[g[YgWł]WłhY`XYg`GU`Uhg`VUg]Yfh`Ui ZY]bZUWłYb
; fi bXbU`fi b[ga`]hhY`bž`X]Y`]b`j]Y`Yb`?i`hi`fYb`ni`Z]bXYb`g]bX.`²`ž
9]Yfž`A]`WłdfcXi`_hY`i bX`GU`UhV`ÀhhYf`"8]YgY`J]Y`gY]h][`_Y]h`a UWłh
XYb`7UYgUf`GU`UX`ni`Y]bYa`VY`YVhYb`; Yf]Włhž`XUg`gc[Uf`j cb
_Øbgh`]WłYf`šhY`][Ybn`U`g`k Y`hVYfØ`a hYghYf`GU`Uh`VYnY]WłbYh
k]fX"

· B 5;

8 YhU]`g

6Ygi WłYb`G]Y`i bg`Ui Z.`b!U["XY