

GhY\h'XYf'BU\Y'C ghYb'j'cf'Y]bYa' bYi Yb  
? f]Y[ 3'8]Y'G]hi Uh]cb']a'6`]W\_

9]b'[YZA\^]WXYf'?cbZ]\_h'; i Xfi b'6ØgWXYf'\_ca a Ybh]Yfh'X]Y  
Yg\_U`]YfYbXY'G]hi Uh]cb'nk ]gWXYb'gfUY`'i bX'XYf'<]gVc``U\"

GhY][ YbXY'GdUbbi b[ Yb']a'BU\Yb'C ghYb.  
8]Y'G]hi Uh]cb'nk ]gWXYb'gfUY`'i bX'XYf  
<]gVc``U\

*6Yf]b'fbhgk*

HfU[ ]gWXY'9fY][ b]ggY']a'; c`Ub\Ø\Yb

⇒a' \_Øfn`]WXYb'JYf'Ui Z'XYg'?cbZ]\_hg'nk ]gWXYb'gfUY`'i bX'XYf  
<]gVc``U\ \_Ua'Yg'ni'Y]bYa'j'Yf\YYfYbXYb'JcfZU``]a'; c`Ub\Ø\Yb"  
9]b'5b[ f]Z]Ui ZY]bYb': i »VU``d`Uhn`]b'Y]bYa'Xfi g]gWXYb'8cfZ  
ZØ\fhY'ni a'hcX'j'cb'nk Ø'Z?']bXYfb'i bX'ž [ YbX`]WXYb"8]YgY  
HfU[ ØX]Yž'X]Y'U'g'Y]bY'XYf'gW`]a a ghYb'5b[ f]ZY'gY]h'XYa'6Y[ ]bb  
XYg'; UnU!?'f]Y[ g']a'`YhnhYb'C\_hcVYf'[ ]hž\_ØbbhY'Y]bY'bYi Y'D\UgY  
]b'XYb'VYfY]hg'Ub[ YgdUbbhYb'6Yn]Y\i b[ Yb'nk ]gWXYb'XYb  
'?cbZ]\_hdUfhY]Yb'Y]b'Y]hYb"

6YXYi hi b[ 'XYf'a ]]hÅf]gWXYb'9g\_U`Uh]cb

⇒b'XYf'[ Ycdc`]h]gW' \_ca d`Yi Yb'FY[ ]cb'XYg'BU\Yb'C ghYbg'[ ]Vh'Yg  
gY]h'XYa'5i gVfi W'XYg'; UnU!?'f]Y[ g'nk Uf'fY[ Y'a Å»][ '6Yf]WXYh  
ØVYf'; YZYWXYž'XcW'Y]bY'cZYbY'a ]]hÅf]gWY  
5i gY]bUbXYfgYhni b[ 'k ]Y]a'`U\^'&\$ \$\* 'k i fXY'V]g\Yf'j'Yfa ]YXYb"  
8Yf'JcfZU``Ui Z'XYa': i »VU``d`Uhn'ny][ h'YXcW'ž'XUgg'g]W'X]Y

G]hi Uh]cb`XfUa Uh]gW`ÅbXYfb`\_ÖbbhY"9I dYfhYb`k UfbYbž`XUgg`X]Y  
; Yk U`h`ink ]gW`Yb`g`fUY`i bX`XYf`<]gVc`U`Ybcfa Y`?cbgYei YbnYb  
\UVYb`\_ÖbbhY"6Y]XY`GY]hYb`ghY`Yb`g]W`a ]h`Yf`YV`]W`Yb  
a ]]hÅf]gW`Yb`F`Yggci fW`b`[ Y[ YbØVYfž`i bX`Y]bY`9g\_U`Uh]cb`k ØfXY  
b]W`h`bi f`X]Y`i ba ]hY`V`UfYb`?cbZ]\_hdUfhY]Yb`VYhfYZZYb"

## 8]Y`F`c`Y`XYg`fUbg

8Yf`fUbg`U`h`X]Y`<]gVc`U`Xi fW`K`UZZYb`]YZYfi b[ Yb`i bX  
a ]]hÅf]gW`Y`5i`gV`]Xi b[ `Yf`YV`]W`[ YghÅf`hž`k Ug`X]Y`6YXfc`i b[  
ZØf`g`fUY`j`YfghÅf`\_h`@Ui`h`6Yf]W`hYb`k`i`fXY`XYf`5b[ f]ZZ`Xi fW`X]Y  
<]gVc`U`a ]h`]ZY`Y]bYf`]fUb]gW`Yb`: U`U`!FU`YhY`a ]h`Y]bYa  
GdfYb[\_cdZj`cb`) `?`c[ fUa`a`Xi fW`[ YZØ`fhž`cV`k`c`X]Y  
[ YbUi`Yb`8YhU]`g`bcW`b]W`h`VYghÅh][`h]g]bX`8]Yg`nY][`h`X]Y  
j`YfhfUW`hY`J`YfZYW`hi`b[ `fY[ ]cb`U`Yf`5`\_hYi`fY`i`bX`XUg`DchYbn]U`  
Y]bYg[ fØ»YfYb`?cbZ]\_hg"

## 5i`Zfi`ZY`ni`f`8YYg`\_U`Uh]cb

5i`»`Yba`b]ghYf]b`5bb`U`Yb`U`6UYfVcW`\_UddY`]YfhY`Ub`VY]XY  
DUfhY]Ybž`a ]h`\_Ø`Ya`J`YfghUbX`ni`\_UbXY`b`i`bX`g]W`b]W`h`j`cb  
9a`ch]cbYb`Y]hYb`ni`\_UggYb"9g`k`]fX`YXcW`VYZØfW`hYhž`XUgg`X]Y  
Ub[ YgdUbbhYb`; Y]ghYf`i`bX`X]Y`VYfY]hg`j`c`f`UbXYbYb`K`UZZYb`U[ Yf  
]b`XYf`F`Y[ ]cb`X]Y`K`U`fgW`Y]b`]W`\_Y]h`Y]bYf`Zf]YX`]W`Yb`@Øgi`b[  
[ YZÅ`fXYb`\_ÖbbhYb"9]b`\_Åb[ YfYf`?cbZ]\_h`\_ÖbbhY  
gW`k`Yfk`jY[ YbXY`5i`gk`]f`\_i`b[ Yb`Ui`ZX]Y`[ YgUa`hY`F`Y[ ]cb`UVYbž  
XU`; Yk U`h`ini`k`Y]hYfYb`F`UW`YU`\_hYb`i`bX`Y]bYf`gd]fU`ZØfa`][`Yb  
9g\_U`Uh]cb`ZØ`fYb`\_Ubb"

## :`Un]h.`9]b`VYgc`f[`b]gYffY[`YbXYf`5i`gV`]W`\_

8]Y`U`\_hi`Y`Yb`; YgW`Y`b]ggY`Ua`; c`Ub`\_Ø`Yb`k`YfZYb`Y]b`XØghYfYg  
@]W`h`Ui`ZX]Y`GhUV`]hÅh`a`B`U`Yb`C`ghYb"8]Y`6Øf[ Yf`YfZU`fYb`Y]bY  
j`Yfa`Y`fhY`i`bg]W`Yf`Y]hž`i`bX`X]Y`]bhYfbUh]cb`U`Y`; Ya`Y]bgW`UZh  
g]Y`h`g]W`j`c`f`X]Y`<YfUi`gZc`fXYfi`b[ `[ YghY`hž`Y]bYb`k`Y]hYfYb  
[ fc»Yb`?f]Y[ `ni`j`Yf`]bXYfb"8]Y`Xf]b[ YbXY`B`chk`YbX][`\_Y]h`ZØf  
J`Yf`UbX`i`b[ Yb`i`bX`8]d`ca`Uh]Y`k`]fX`]a`a`Yf`XYi`h`]W`Yfž`k`Ybb`g]W`

X]Y`@U[ Y`k Y]hYf`ni gd]hnh"

· B 5;

8YhU]`g

6Ygi W\Yb`G]Y`i bg`Ui Z.`a Y]b!VYf`]b"bYh