5 U`YbYf`K c\bi b[gVUi . `B Yi Y`Dfc ^_hY
hfc hn`6Ui \_f]gY`]b`XYf`F Y[]c b

8]Y`5U`YbYf`K c\bi b[ gVUi `fYU`g]Yfh'hfc hn`6Ui _f]gY
nU\`fY]WXY`Dfc ^_hY`a ]h: c\_i g`Ui Z[YZ`fXYfhYb`K c\bfUi a "
 , VYfV`]W\_`ØVYf`U\_hi Y`Y`J cf\UVYb"

⊕`5U`Yb`g]bX`hfc hn`XYf`\YfUi gZcfXYfbXYb`F U\ a YbVYX]b[i b[Yb
Ui ZXYa `⊕ a cV`]Yba Uf_h: cfhgWxf]hhY`VY]`XYf`GW UZI b[ `bYi Yb
K c\bfUi a g`ni `j YfnY]W`bYb" 8]Y`5U`YbYf`K c\bi b[gVUi ž`Y]bY
gh`Xh]gWY`HcW`hYf[ YgY`gW UZh`ž` YfZc`[ h`Ub[Yg]W`hg`ghY][YbXYf
6Ui _cgYb`k Y]hYf\]b`Ua V]h]ci g`Dfc ^\_hYž`X]Y`a U» [ YV`]W`ni f
9bhk]W_`i b[ `XYf`GhUXh`VY]hfU[Yb"

< YfUi gZcfXYfi b[Yb`]a `6Ui k YgYb

8Yf`⊕ a cV`]YbgY`hcf`ghY\`h`a ca YbhUb`i bhYf`8fi W`" 8]Y
6Ui _cgYb`YffY]W`Yb`FY`cfX\`Ø\Ybž`k Ug`Y]bY`J]Y`nU\
dchYbn]Y`Yf`?`Ai ZYf`UVgW`fYW`h`A ]W`UY`G`W`Z`f`ž`XYf
; YgW`Z`hgZ`Ø`fYf`XYf`5U`YbYf`K c\bi b[gVUi ž`VYhcb`hž`XUgg`X]Y
i bUhhfU`h]j Y`?`ZK !: ØfXYfi b[ `ni f`U\_hi Y`Yb`?`f]gY`VY]hf`A[h`" 8]Y
Z]bUbn]Y`Yb`F U\ a YbVYX]b[i b[Yb`\`UVYb`X]Y`5bnU\
⊕gc`j YbnYb`]b`XYf`6fUbW`Y`U`Ufa ]YfYbX`ghY][Yb`"UggYb`"J]Y`Y
l bhYfbY\`a Yb`gY\Yb`g]W`[Ynk i b[Ybž`?`i fnUfVY]h`ni `Yfk`À[Yb"
8YbbcW`g]Y\`h`GW`Z`f`gY]bY`Cf[ Ub]gUh]cb`ghUV]`i bX`Ui Z
K UW`ghi a g_i fg"

9]bZ`i gg`Ui Z`X]Y` ; Ya Y]bgW`UZh

8]Y`6Ui a U» bU\`a Yb`XYf`5U`YbYf`K c\bi b[gVUi `\`UVYb`b]W`h`bi f
5i gk]f_i b[Yb`Ui ZXYb`K c\bi b[ga Uf`hž`gcbXYfb`Ui W`Ui Z`X]Y
[YgUa hY ; Ya Y]bgW`UZh" ⊕gVYgcbXYfY`X]Y`GW`UZI b[`[ YZ`fXYfhYf

K c\bi b[Yb']ghY]b'nYbhfU`Yf`Di b_hž'i a`Y]bY`Ub[Ya YggYbY
A]YhYbghfi _hi f`ni`g]WXYfb" `b`XYb`XYfnY]h]a`6Ui`VYZ]bX`]WXYb
CV`Y\_hYb`]b`5U`Yb`k YfXYb`nU`fY]WXY`K c\bi b[Yb`ni`A]YhdFY]gYb
Ub[YVchYbžX]Y`XYi`h]W`i bhYf`XYa`A Uf\_hb]j`YUi`Y]Y[Yb"

5_hi Y`Y`6Ui dfc`Y\_hY`i bX`D`Ubi b[Yb

5b`a Y`fYfYb`GhUbXcfhYb`]b`5U`Yb`g]bX`6Ui dfc`Y\_hY`Ub[Y`Ui ZYbž
X]Y`]b`XYb`\_ca`a YbXYb`j\`fYb`nU`\`fY]WXY`bYi`Y`K c\bi b[Yb
VYfY]hghY`Yb`gc`Yb" `a`DY`nk UgYb`g]bX`VYfY]hg`%`F`Y]\`Yb`\`Ai`gYf
VYnc[Ybž`i`bX`]b`VYbUW`VUfhYb`A Y`fZUa`]`Yb`\`Ai`gYfb`Yb`hghY`\`Yb
'` )`K c\bi b[Ybž`j`cb`XYbYb`bYi`b`[YZ`fXYfh`g]bX" `9]b`k`Y]hYfYg
VYa`Yf`_Ybgk`YfhYg`Dfc`Y\_h]gh`GW`Uh`W`Yf`≡`k`c`V]g`ni`a
j\`fYgYbXY`&-`bYi`Y`K c\bi b[ Yb`j`c`YbXYh`k`YfXYb`gc`Ybž
XUfi`bhYf`g]YVYb`[ YZ`fXYfhY`9]b`\`Y]hYb"

Ni`\_ØbZh][ Y`9b`hk`]W`\_`i`b[Yb

B`YVYb`XYb`Ui`ZYbXYb`Dfc`Y_hYb`d`Ub`hX]Y`5U`YbYf`K c\bi b[gVUi
`b`j`Ygh]h]cbYb`ØVYf`%)`\$`A`]]`cbYb`9i`fc`Z`f`_ØbZh][Y
K c\bi b[gVUi dfc`Y\_hY" `;`Yd`Ub`h]g]bX`i`bhYf`UbXYfYa` ,`(
K c\bi b[Yb`Ua`H`UbbYbk`À`X`Y`gck`]Y`\*`\$`9]b`\`Y]hYb`Ua`GhUbXcfh
XYf`Y`\`Ya`U`][ Yb`<`c`ZU`W`YfgW`i`Y" `8]YgY`[`fc`»`Ub[ Y`Y[`hYb
J`cf`\`UVYb`g]bX`Yb`hgW`Y]XYbX`Z`f`X]Y`J`YfgW`Å`Zi`b[`XYf
K c\bi b[gbch`i`bX`gc`Yb`Ui`W`XYb`gcn]U`Yb`K c\bi b[gVUi`]b
5U`Yb`Z`f`XYfb"

B`UW`\`U`h][`\_Y]h]a`6Ui`k`YgYb

9]b`k`Y]hYfYg`]bhYfYggUbhYg`9`Ya`Yb`h]gh`XYf`9]bgUhm`j`cb`<`c`n`U`g
6Ui`k`Y]gYž`k`]Y`VY]a`bYi`Yb`Dfc`Y\_h]b`XYf`5`hYb`<`Y]XYb`\`Y]a`Yf
GhfU`»`Y" `<]Yf`k`i`fXYb`]b`Y]bYa`b`UW`\`U`h][`Yb`Gh]`%`&`K c\bi b[Yb
Yff]W`hYhž`X]Y`j`cf`Ui`gg]W`h]W`ni`a`j\`fYgk`YW`gY`VYni`[`gZYfh][
gY]b`k`YfXYb" `Gc`W`Y`b]h]Uh]j`Yb`g]bX`b]W`h`bi`f`\_`]a`UZ`fYi`bX`]W`ž
gcbXYfb`hfU[`Yb`Ui`W`ni`f`À`gh`Yh]gW`Yb`5i`Zk`Yfhi`b[`XYf`GhUXh`VY]"

: Un]h

8]Y'5U`YbYf'K c\bi b[gVUi 'nY][hž'XUgg'hfchn'\YfUi gZcfXYfbXYf
6YX]b[i b[Yb'Ui Z'XYa 'æ a cV']Yba Uf_h'Y]bY'dcg]hj Y
9bhk]W_`i b[ 'a 'K c\bi b[ gVUi 'a Ò[ `]W`]gh" '8Yf': c_i g'Ui Z
[YZÒfXYfhYb'K c\b fUi a ']gh'XUVY]'VYgcbXYfg'k]W h][ž'i a
g]W`Yfni ghY`Ybž'XUgg'U`Y'6Øf[Yf'Ni [Ub['ni 'Ub[Ya YggYbYa
K c\b fUi a '\UVYb" '8]Y'[Yd'UbhYb'J cf\UVYb'gc`hYb'Y]bY
YbhgW`Y]XYbXY'F c`Y'VY]'XYf`Ub[Zf]gh][Yb'GhUV]'hÅhi bX
9bhk]W_`i b[ 'XYf'K c\b\_i `hi f']b'5U`Yb'gd]Y`Yb"

' B 5;

8YhU]`g

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