

F c`Uhc f!: i » [Àb[Yf`j cb`F c`YfZU\ fYf`]b
: fY]Vi f[`j Yf`Y hnh. `Dc`nY]`V]hhYh`i a
<]bk Y]gY

Dc`nY]`b : fY]Vi f[`gi W`h`NYi [Yb`bUW`J Yf`Y\ fgi bZU`Zi W`hž
VY]`XYf`Y]b : i » [Àb[Yf`Ub[YZU\ fYb`k i fXY" <]bk Y]gY
YfVYhYb" : fY]Vi f[`j Yf`Y\ fgi bZU` , Dc`nY]

J Yf`Y\ fgi bZU`Zi W`h`i bX : i » [Àb[Yf
j Yf`Y hnh`]b : fY]Vi f[!F]YgY`ZY`X

⊕ : fY]Vi f[`YfY][bYh`g]W`Y]b`J Yf`Y\ fgi bZU`žVY]`XYa`Y]b
(, !À\ f][Yf : i » [Àb[Yf`a`]h`gY]bYa`F c`Uhc f`j cb`Y]bYa`V]g`Ub[
i bVY`UbbhYb`F c`YfZU\ fYf`Ub[YZU\ fYb`k i fXY" 8Yf`J cfZU`ZUbX`]b
XYf`F]YgY`ZY`XU`YY`ghUhhž`U`g`XYf : i » [Àb[Yf`]b`F]W`hi b[`Y`Ub!
A cbbYh!GhfU» Y`i bhYfk Y[g`k Uf" 8Yf`F c`YfZU\ fYf`ni gUa`a Yb`a`]h
gY]bYa`Gcn]i g`ghfY]ZhY`XYb : i » [Àb[Yf`Ua`fYW`hYb`9`YbVc[Yb
i bX`]a` < ØZhVYfY]W`ž`k cXi fW`X]YgYf`Y]W`hj Yf`Y hnh`k i fXY" 8Yf
F c`YfZU\ fYf`i bX`gY]b`Gcn]i g`hfi [Yb`_Y]bYb`GW`i h`Y`a`i bX
ZØW`hYhYb`bUW`XYf`?c`][g]cb`a`]hY]bYa`V`Ui Yb`F c`Yf`ØVYf`X]Y
Y`Ub!A cbbYh!GhfU» Y`]b`F]W`hi b[`5XY`Y]X!GhY]ba`Ubb!GhfU» Y"

8]Y`J Yf`Y\ fgd c`nY] : fY]Vi f[`V]hhYh`NYi [Ybž`X]Y`⊕Zcfa`Uh]cbYb
ni a`l bZU`[YgW`Y\Yb`cXYf`XYa`l bZU`j Yfi fgUW`Yf`\UVYbž`g]W`
i bhYf`XYf`HY`YZcbbi a`a Yf`\$+*%# , &!`%\$`\$`ni`a`Y`XYb" 9g`k]fX`i a
l bhYfghØhni b[`VY]`XYf`5i Z`Àfi b[`XYg`J cfZU`g[YVYhYbž`i a`XYb
J YfUbhk cfh]W`Yb`ni`Yfa`]hY`b"

8]Y`G]W`Yf`Y]h`]a`GhfU» Ybj Yf`Y\ f`][gh]j cb`[fc» Yf`6YXYi hi b[ž
XU\Yf`]gh`Yg`k]W`h][ž`XUgg`g]W`U`Y`J Yf`Y\ fghY`]bY`a`Yf`Ub`X]Y
J Yf`Y\ fgfY[Y`b`U`hYb`i bX`Ui Za`Yf`gUa`Ua`GhfU» Ybj Yf`Y\ f
hY`]bY`a`Yb" l bZ`Y`k]Y`X]YgYf`i bhYfghfY]W`Yb`X]Y`K]W`h][_Y]h`XYf

9]b\U`hi b['j cb`J Yf_Y\fgfY[Y`b`i bX`XYf`J YfUbhk cfhi b[`YXYg
9]bnY`bYb`ja`GhfU»Ybj Yf_Y`f"

9g`]gh`YbhgWXY]XYbXž`XUgg` : U\fyf`j cb`A chcfZU\fnYi [Ybž
]bgVYgcbXYfY`j cb`F c`Yfbž`g]WXYk i ggh`g]bXž`XUgg`g]Y`Y]bY`[fc»Y
J YfUbhk cfhi b[`Y[YbØVYf` : i » [Àb[Yfb`i bX`UbXYfYb
J Yf_Y\fgfY]`bY\`a Yfb`hfU[Yb`"8 Ug`HfU[Yb`Y]bYg`GWXi hn\Y`a g
_Ubb`ja` : U`Y`Y]bYg`I bZU`g`XUni`VY]hfU[Ybž`gWk YfY
J Yf`Yhni b[Yb`ni`j Yfa`Y]XYb`i bX`X]Y`G]WXYf\Y]h`U`Yf`6YhY`]] [hYb
ni` [Yk`À\`f`Y]ghYb"

8]Y`J Yf_Y\fgg]WXYf\Y]h`i bX`XUg`K c\`U`Yf`J Yf_Y\fgfY]`bY\`a Yf
ghY\Yb`ja`A`]hhY`di b_h`XYf`6Ya Ø\i b[Yb`XYf`J Yf_Y\fgdc`nY]
: fY]Vi f[ži`a`I bZÀ`Y`ni`j Yf\]bXYfb`i bX`X]Y`G]WXYf\Y]h`Ui ZXYb
GhfU»Yb`ni` [Yk`À\`f`Y]ghYb`"8]Y`Ni`gUa`a YbUfVY]h`U`Yf`
J Yf_Y\fgfY]`bY\`a Yf`]gh`YbhgWXY]XYbXž`i a`Y]b`g]WXYfYg`i bX
Ub[YbY\`a Yg`J Yf_Y\fgi`a ZY`X`ni`gW`UZZYb"

· ·B 5;

8YhU]`g

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