

J Yf_Y\ fgi bZU``]b 'GWk UUb. : `i Wk h'b UW
7fUg\ 'a]h'%"\$\$\$\$'9i fc 'GW UXyb °

⊕'GWk UUb`_c``X]YfhY`Y]b'D?K 'a]h'Y]bYa`GhfU»YbVUi a "
8]Y': U\fnYi []bgUggYb`ZØW hYhYbž?YbbnY]WYb`k i fXYb
a]h[Ybca a Yb"9fa]hhi b[Yb`Ui Zyb"



B]YbXcfZYf'7\Ui ggYYž%, &), 'GWk UUbž'8Yi hgW`UbX`!`⊕
XYf'BUW h'k i fXY`X]Y`Dc`nY]]b'GWk UUb`U`Ufa]Yfhž'bUW XYa`Y]b
5bk c\bYf'[Y[Yb'\$\$.' \$'I \f`Ui hY'; YfÅi gWY`ÖfHY`i bX`Ui ZY]bYb
gWk YfYb`J Yf_Y\ fgi bZU``]b`XYf`B]YbXcfZYf'7\Ui ggYY
Ui Za Yf_gUa`k i fXY"9]b`ghUf`VYgW`ÅX][hYf`A YfWXYg'6Ybn`k Uf
Ua`I bZU`cfh`ni fØW_[Y`UggYb`k cfXYbž`k Å\fybX`X]Y`nk Y]
a`Àbb`]WYb`⊕gUggYb`bUW`Y]bYa`HY`YZcbUh`ZØW hYhYb`i bX
nk Uf`a]h'Y]bYa`UbXYfYb': U\fnYi ["8UVY]`bU\ a Yb`g]Y`X]Y
Bi a a YfbgW`]XYf`XYg`VYgW`ÅX][hYb`K U[Ybg`a]hž`k Ug`X]Y
: U\bXi b[`YfgWk YfhY"

Hfchn`i ba]hY`VUfYf`Gi WY`V`]YV`XUg: `i Wk hZU\fnYi [
i bUi Z]bXVUfž`XcW`X]Y`→Yb]h`h`h`XYg: U\fnYi [\U`hYfg`_cbbhY

gW\ bY`Yfa]hY`h'k YfXYb" '8 Yf'GUW\ gW\ UXYb`k]fX`Ui Z'a]bXYghYbg
 %\$"\$9i fc`[YgW\Àmhž'i bX`XYf`l bZU`k U[Yb`k i fXY`ni f
 _f]a]bU`hYW\ b]gW\ Yb`l bhYfgi W\i b[`VYgW\`U[bU\ a h`'8]Y`Dc`]nY]
 gYhh'bi b`]\fY`9fa]h'i b[Yb`Zcfhž'i a `X]Y`[YbUi Yb`l a ghAbXY`XYg
 J cfZU`g`ni `̀ÀfYb"

8YhU]`g	
J cfZU`	J Yf_Y`fgi bZU`
C fh	B]YbXcfZYf`7\Ui ggYYž%, &) , `GW\k UUbž 8Yi hgW\`UbX
GW\ UXYb`]b`	%\$"\$

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