

GWcW_Ubfi ZY]b 'Gh" 'A Ufh]b. '6YhfØ[Yf n]Y`Yb 'Ui Z`À`hYfY '6Øf[Yf

K]W h][Y`K Ufbi b[. : ð`Gh" 'A Ufh]b` \`Ài ZYb`g]W`GWcW_Ubfi ZY" 6YhfØ[Yf`j Yfgi W`Ybž`À`hYfY`A YbgW`Yb`ni`h`Ài gW`Yb`"Dc`nY]]bZcfa]Yfh°

8]Y'; YZU\ fYb`j`cb`GWcW_Ubfi ZYb`]b`'Gh" 'A Ufh]b

⇒ a a Yf`k]YXYf`_Y`fYbXYg`D`\`Àbca Yb

GWcW_Ubfi ZY`ghY`Yb`Y]b`YfbghYg`DfcV`Ya`XUfž`XUg`]bgVYgcbXYfY`À`hYfY`A YbgW`Yb`hf]Zn` : ð`Gh" 'A Ufh]b`ZUbXYb`Ua`%' "5i [i gh&\$&([`Y]W`nk`Y]`J`cfZ`Y`X]YgYf`5fhighUhhž`VY]`XYbYb`6YhfØ[Yf`j`Yfgi`W`hYbž`a`h`Ya`ch]cbU`Ya`8fi`W` ; Y`X`ni`Yf`Ub[Yb`"9]b ,`*!`À`f][Yf`A`Ubb`k`i`fXY`hY`Yzcb]gW`_`cbhU`_h]Yfhž`k`cVY]`Y]bY` : fUi`ni` \`ÖfYb`k`Ufž`X]Y`cZYbVUf`]b`Bch`k`Ufž`[YZc`[`hj`cb`Y]bYa`A`Ubbž`XYf` ; Y`X`ZcfXYfhY`"9f`fYU[]YfhY`dfca`dhž`VfUW`XUg` ; Ygdf`ÅW`UV`i`bX`]bZcfa`]YfhY`X]Y`Dc`nY]`ØVYf`XYb`J`cfZU`"

Df`Àj`Yb]c`b`]gh`XYf`GW` `ØggY`

9g`]gh`k`]W`h][ž`XUgg`6Øf[Yf`ØVYf`X]Y`A`UgW`Yb`XYf`?`f]a`]bY`Yb`Ui`Z[Y`_`Àfh`k`YfXYb`"⇒`a`_`cb`_`fYhYb` : U`k`i`fXY`XYf`[`Y]W`Y`H`À`hYf`_`fY]g`_`i`fnY`NY]h`gd`À`hYf`VY]a` ,`)`!`À`f][Yb`A`Ubb`U`_`h] ž`XYf`YVYbZU`g`Y]bYb`GWcW_Ubfi`ZYf`Y]Y`h`"9f` \`UbXY`hY`YVYbgc`gW`bY` i`bX`a`Y`XYhY`XYb`J`cfZU`"8]YgY`F`YU`_`h]cbYb`g]bX`Yb`hgW`Y]XYbXž`i`a`XYb`6YhfØ[Yfb`XYb`K`]bX`Ui`g`XYb`GY[Y`b`ni`bY`a`Yb`"

DgmW`c`c`[]gW`Y`A`Ub]di` `Uh]cb`X`i`fW`

6YhfØ[Yf

8]Y'6YhfØ[Yf'bi hnYb'Y]bY'dgmWc`c[]gWY'HU_h]_ž'i a`XUg
JYfhfUi Yb'XYf'C dZYf'ni`YfgW`Y]WYb"8]Y'ca V]bUh]cb'Ui g
Ya ch]cbU'Ya`8fi W`i bX`]bhYbg]j Yb'; YgW]W`hYb'ZØ\fhcZiXUni ž
XUgg`X]Y'6YhfcZYbYb`]b`Y]bY'GhfYggg]hi`Uh]cb'[YfUhYbž`]b`XYf'g]Y
]ffUh]cbU`UbXY`b`i bX`K`YfhY`k]Y'6Uf[Y`X`cXYf'GW`a`i`W`
`YfUi`g[YVYb"JYfgh`AbXb]g`ZØf`X]YgY`A`Ub]di`Uh]cb`_Ubb`Y`ZYbž
g`Ydh]gW`Yf'ni`gY]b`i bX`gc`W`Y`5bfi ZY`gcZc`fh'ni`VYYbXYb"

K]W`h][Y`GW`f]hhY`ni`f`G]W`Yfi`b[`XYf Y][YbYb`G]W`Yf`Y]h

9g`k]fX`Xf]b[YbX`[YfUhYbž]a` : U`Y`Y]bYg`GW`cW`Ubfi Zg`fi` \][`ni
V`Y]VYb`i bX`XUg`; Ygd`f`W`g`W`bY`ni`VYYbXYb"8]Y`Dc`nY]`gc`hY
i`a`[Y`YbX`]bZc`fa`]Yfh`k`YfXYb"9fgh[YghYfb`VYf]W`hYhY`X]Y`Dc`nY]
j`cb`X]YgYb`J`cfZ`A`Yb`]b`Gh`A`Ufh]bž`X]Y`nY][Ybž`XUgg`Yg`ZØf
6YhfØ[Yf`ghYhg`Y]bY`N]Y`[fi`ddY`[]Vhž`XU`Yf`]gh`K`UW`gUa`_Y]h
[YVchYb"

8]Y`F`c`Y`XYf`; Ya`Y]bgW`UZh

8]YgY`J`cfZ`A`Y`j`YfXYi`h]W`Ybž`k]Y`k]W`h][`Yg`]ghž]bbYf`U`V`XYf
; Ya`Y]bgW`UZh`ØVYf`gc`W`Y`_f]a`]bY`Yb`A`UW`Yb`gW`UZhYb
Ui`Zni`_`ÄfYb" `bZc`fa`]YfhY`B`UW`V`Ufbž: fYi`bXY`i`bX`J`Yfk`UbXhY
_`ÖbbYb`g]W`[Y[YbgY]h][`gW`Ø`hnYb`i`bX`k`Yfh]`c`Y`F`UhgW`Ä[Y
[YVYbž`i`a`b]W`h`Ui`Z`X]Y`6YhfØ[Yf`Y`YfY]b`ni`ZU`Yb`i`bX`XUg
Y][YbY`J`Yfa`Ö[Yb`ni`gW`Ø`hnYb"

8 Ug`9]b`_ca`a`Ybž`X]Y`9fgdUfb]ggY`i`bX`XYf`dYfg`Öb`]W`Y`6Yg]hn
gc`hYb`ZØf`Y`XYb`j`cb`_`ÖW`ghYf`K]W`h][`_Y]h`gY]b" <]YfVY]`ghY`Yb
b]W`h`bi`f`Z]b`Ub]Y`Y`5gdY`_hY]a` : c`_i`gž`gc`bXYfb`Ui`W`X]Y
Ya`ch]cbU`Y`G]W`Yf`Y]h`i`bX`XUg`K`c`VYZ]bXYb`XYf`C`dZYfž`X]Y
Xi`fW`gc`W`Y`5bfi ZY`ghUf`_`VYhfcZYb`k`YfXYb"

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