

5V[Y`Y\bh'k Y[Yb`? \U`YYg]. `A i hhYf _Àa dZh'i a `F Y]gYdUgg`ZØf`HcWk hYf

9]bY`Vf]h]gWk Y`A i hhYf`VYf]Wk hYhž`k]Y`XYf`F Y]gYdUggUbhfU[`ZØf
]\fY`HcWk hYf`k Y[Yb`XYg`BUa Ybg` ?\U`YYg] `UV[Y`Y\bh
k i fXY"

9]bYb`i bYfk UfhYhYb`GhfY]h'i a `Y]bYb`F Y]gYdUgg`a UWk hY]b`i: U`
Ui g`9b[`UbX`XYi h`]Wk ž`XYf`_Øfn`]Wk`GWk`U[nY]`Yb`a UWk hY"9]bY
A i hhYf`g]Y\`h'g]Wk`a]h`VØfc`_fUh]gWk Yb`<YfUi gZcfXYfi b[Yb
_cbZfcbh]Yfhž`bUWk XYa `XYf`DUggUbhfU[`]\fYf`HcWk hYf`Ui Z[fi bX
Y]bYg`i b[Yk Ò\b`]Wk Yb`BUa Ybg`UV[Y`Y\bh'k i fXY"8]YgY`G]hi Uh]cb
k]fZh': fU[Yb`ØVYf`XYb`9]bZi gg`j cb`A Uf`_YbfYWk hYb`Ui Z`U`hÀ[`]Wk Y
@VYbYfY][b]ggY`Ui Zi bX`nY][h`X]Y`GWk]Yf][_Y]hYbž`X]Y`a]h
i b`cbj Ybh]cbY`Yb`BUa Yb`j Yfvi bXYb`gY]b`_ØbbYb"

A Uf`_YbfYWk hY`i bX`] \fY`5i gk]f`_i b[Yb

⇒a ` _cb`_fYhYb`i: U`VYhf]Zh`Yg`X]Y`gYWk g`À\ f][Y`? \U`YYg]`Ui g
Gk]bXcb" ⇒fY`A i hhYfž`@ Wmž`]gh" - `]U\ fY`U`h'i bX`YfnÀ\`hž`XUgg`] \fY
HcWk hYf`XYb`BUa Yb`Ui g`XYf`VY`_UbbhYb`GYf]Y` ; Ua Y`cZ`H\`fcbYg
hfÀ[h"K]Y`g]Y`XYf`667`VYf]Wk hYhYž`Yf`YVhY`g]Y`Y]bY`VØgY
, VYffUgWk i b[ž`U`g`XYf`DUggUbhfU[`]\fYf`HcWk hYf`UV[Y`Y\bh
k i fXY"8]Y`VY\`ØfX`]Wk Y`6Y[fØbXi b[`k Ufž`XUgg`K UfbYf`6fch`Yfg
X]Y`F`YWk hY`Ub`XYa `BUa Yb`\`À`h'i bX`Y]bY` ; YbY`a][i b[`VYbØh][h
k]fXž`XUa]h`Y]b`F Y]gYdUgg`Ui g[YghY`h'k YfXYb`_Ubb"

⇒i f]gh]gWk Yf`6Y]ghUbX`bch`k YbX][

B UWk XYa `X]Y`YfghY`5V`Y\b`i b[`X]Y` : Ua `]Y`Zfi ghf]YfhYž`gi Wk hY
@i WmfiYWk h]Wk Yb`F Uh`G]Y`Uf[i a Ybh]YfhYž`XUgg`X]Y`A Uf`_YbfYWk hY
Ui ZXYb`BUa Yb`_Y]bY`5bk YbXi b[`Ui ZXUg`]bX]j]Xi Y`Y`F`YWk h

]\fYg'?'bXYg'\UVYbž'X]YgYb'ni' hfU[Yb" '8Yf'fYW h]WXY' GhUbXdi b_h
ZØ\fh'XUni ž'XUgg'X]Y'6Y\ ÒfXY'gW']Y» ']W'ni []Vhž' b]W h' _c ffY_h
[Y\UbXY'h'ni '\UVYb" '8]Y' A]hUfVY]hYf']bZcfa]YfhYb' @ Wmž'XUgg
a Ub'bi b']b'XYf'@U[Y'gY]ž'XYb'DUgg]\fYf'HcW hYf'ni' VYUfVY]hYb"

9a ch]cbU`Y`6Y`Ughi b[`ZØf`X]Y` : Ua]`Y

8]YgY'G]hi Uh]cb'\Uh'b]W h'bi f'fYW h]WXY'8]a Ybg]cbYb'/g]Y'\Uh
Ui W'Yf\YV']WXY'Ya ch]cbU`Y`5i gk]f_i b[Yb'Ui Z'X]Y` : Ua]`Y" @ Wm
Ài » YfhY'g]W'ni f'J cfZFYi XY'Ui Z'XYb'YfghYb' [Ya Y]bgUa Yb' l f'Ui V
]a '8]gbYm'UbX'DUf]g'i bX'k]Y'X]Y'5V`Y\bi b[`XYg'5bhfU[g]\fY
<cZbi b[Yb'ni b]W hY'a UW hY" ÆW'k Uf'UVgc'i h'Ua '6cXYb
nYfghÒfh ž'gc]\fY'K cfhY' [Y[YbØVYf'XYb'A YX]Yb" 'G]Y'\cZhž'XUgg
UbXYfY` : Ua]`Yb'À\`b']WXYb' <YfUi gZcfXYfi b[Yb'Xi fW']\fY
; YgW]W hY'j cfVYfY]hY'h'gY]b'_ÒbbYb'i bX'J YfhfUi Yb']b'Y]bY
@Ògi b['\UVYb"

8]Y`F`YU`_h]cbYb`XYf`6Y`\`Òf`XYb

Æ`Y]bYf'9f`_`Àfi b[`XYg`ÆbYba]b]ghYf]i a g'k i fXY'XYf` : Ua]`Y
j Yfg]WXYfhž'XUgg'a Ub'g]W'ni a `Y]bY'nØ[]Y'6YUfVY]hi b[`XYg
DUggUbhfU[g'VYa Ø\Yb'k ØfXY" '9]b'; Ygd fÀW ghYfa]b'k i fXY']b
5i gg]W h'[YghY`hž'i a `k Y]hYfY` : cfhgW f]hhY'ni' VYgd fYWXYb" '8]Yg
nY][hž'XUgg'6Y\ ÒfXYb']b'XYf'@U[Y'g]bXž': Y\`Yf'ni' _c ff][]YfYb'i bX
Ui Z'X]Y'G]hi Uh]cb'XYf'6Øf[Yf'Y]bni [Y\Ybž'Ui W'k Ybb'gc`WXY
VØfc_fUh]gWXYb'DfcV`Ya Y'UbZub[g'Zfi ghf]YfYbX'YfgWXY]bYb"

8]Y`V`fY]hYfY`DYfgdY`_h]j Y`Ui Z`B`Ua Yb`i bX ⇒XYbh]hÀh

8]YgYf'J cfZU``']`i ghf]Yfhž'XUgg'_fYUh]j Y'i bX'Ui » Yf[Yk Ò\`b`]WXY
BUa Yb'ZØf'?]bXYf'cZh'ni' GW'k]Yf][_Y]hYb']a '5`hU[`ZØ\FYb
_ÒbbYb" 'K À\`fYbX']b'8Yi hgW'UbX'X]Y'VY']YVhYghYb'J cfbUa Yb
&\$&' `VY_Ubbh']W'9a]]U'i bX' BcU\`k UfYbž'g]bX'_fYUh]j Y'BUa Ybž
]bgd]f]YfhXi fW'Dcd_i`hi f'i bX': UbhUg]Yk Y'hYbž'ni bY\`a YbX
dcdi `Àf" '8 Ug'6Y]gd]Y`j cb'?\`U`YYg]`Ui g'Gk]bXcb'_ÒbbhY'UbXYfY
9'hYfb'XUni' UbfY[Ybž'X]Y'dchYbn]Y`Yb': c`[Yb']\fYf'BUa Ybgk U\`

_f]h]gWk`ni`ØVYfXYb_Yb"

5VgW`]Y»YbX`Àggh]g]Wk`gU[Ybž`XUgg`YXY`Ua`]Yž`X]Y`a`]h
À\b`]Wk`Yb`DfcV`Ya`Yb`VYgWk`ÀZh][`h`]ghž`Ui`g`X]YgYf`YgWk`]Wk`hY
<cZbi`b[`gWk`ÒdZYb`_Ubb"8]Y`VY\`ØfX`]Wk`Y`9]bg]Wk`hž`XUgg`XYf
DUggUbfU[`YbX`]Wk`VYUfVY]hYh`k`]fXž`]gh`bi`f`Y]bYf`XYf`Gk`f]hYž`X]Y
bchk`YbX][`g]bXž`i`a`VØfc`_fU]gWk`Y`<ØfXYb`UVni`VUi`Yb`i`bX`XYb
9`hYfb`ni`Y`ZYbž`\fYb`?`]bXYfb`Y]bY`i`bVYgWk`k`YfhY`?`]bX\Y]h`ni
Yfa`Ò[`]Wk`Yb"

8YhU]`g

6Ygi`Wk`Yb`G]Y`i`bg`Ui`Z.`X]Y!`bUWk`f]Wk`hYb`"bYh