

K Ug'hfÀ[h'a Ub'VY] 'F Y[Yb']b'XYb'6Yf[Yb3

9]b' l f'Ui V']b'XYb'6Yf[Yb' _Ubb'k i bXYfgWÀ Òb'gY]bž
U''YfX]b[g'gWÀ[h'XUg'K YhhYf'c Zh'gY\ f'gWÀ bY''i a "
K YhhYfZYghY' ? 'Y]Xi b['[Y\ Òfh'XU\ Yf'i bVYX]b[h'a]h]bg
; YdÀW_ " 5''Yg'K]WÀh[Y'ni f'J cfVYfY]hi b['i bX'dUggYbXYb
'? 'Y]Xi b[" J cfVYfY]hi b['ZØf'X]Y'6Yf[Y'D'UbYb'G]Y'Y'bUWÀ
FY]gYn]Y'' [YbUi žk Ug'G]Y'a]hbY\ a Yb'k c''Yb" GWÀcb'j]Y'Y
i bYfZU\ fYbY'K UbXYfYf'k i fXYb'Xi fWÀ d' Òm']WÀ Y
K YhhYfi a gWÀk Øb[Y' ØVYffUgWÀh' : \ Ò\ Yf'X]Y'6Yf[YžXYghc
k YhhYfZYghYf'i bX'k Àfa Yf'gc''hY'X]Y' ? 'Y]Xi b['gY]b"GY'Vgh
k Ybb'G]Y']a 'Gca a Yf'j YffY]gYbž _Ubb'Yg]b' \ Ò\ YfYb' @U[Yb
gWÀ bY''Ya dZ]bX']WÀ _U'h'k YfXYb'' ðZcfa]YfYb'G]Y'g]WÀ'a]h
Y]bYf'5dd'ni f'K YhhYf'U[Y' ðghU'']YfYb'G]Y'Y]bY'K YhhYf!5dd
Ui Z' ð fYa ' < UbXm''8]YgY'gU[h' ð bYb'b]WÀh' / Ua d^Y''d /



9]b' l f'Ui V']b'XYb'6Yf[Yb' _Ubb'k i bXYfgWÀ Òb'gY]bž U''YfX]b[g
gWÀ[h'XUg'K YhhYf'c Zh'gY\ f'gWÀ bY''i a " K YhhYfZYghY' ? 'Y]Xi b[
[Y\ Òfh'XU\ Yf'i bVYX]b[h'a]h]bg; YdÀW_ " 5''Yg'K]WÀh[Y'ni f'
J cfVYfY]hi b['i bX'dUggYbXYb' ? 'Y]Xi b["

J c f V Y f Y] h i b [' Z Ø f ' X] Y ' 6 Y f [Y

D`UbYb`G]Y`Y`bUW\`F Y]gYn]Y`[YbUi žk Ug`G]Y`a]hbY\`a Yb`k c`Yb"
GW\cb`j]Y`Y`i bYfZU\`fYbY`K UbXYfYf`k i fXYb`Xi fW\`d`Øm`]W\Y
K YhhYfi a gW\k Øb[Y`ØVYffUgW\h" `š` \`Ø\`Yf`X]Y`6Yf[YžXYghc
k YhhYfZYghYf`i bX`k Åfa Yf`gc`hY`X]Y`?`Y]Xi b[`gY]b`"GY`Vgh`k Ybb
G]Y`]a `Gca a Yf`j YffY]gYbž`_Ubb`Yg`]b` \`Ø\`YfYb`@U[Yb`gW\`bY`
Ya dZ]bX`]W\`_U`h`k YfXYb"

⇒bZcfa]YfYb`G]Y`g]W\`a]h`Y]bYf`5dd`ni f

K YhhYf`U[Y

⇒ghU`]YfYb`G]Y`Y]bY`K YhhYf!5dd`Ui Z`Δ`fYa` < UbXm`'8]YgY`gU[h
⇒bYb`b]W\`h`bi f`j c`fUi gž`k]Y`k Ufa`cXYf`_U`h`Yg`]b`XYb
_ca a YbXYb`Ghi bXYb`k]fXž`gcbXYfb`[]Vh`⇒bYb`Ui W\`5i g_i bZh
ØVYf`K]bXghÅf`_Yž`@ ZhZYi W\`h][_Y]h`cXYf`Yfk UfhYhY`B]YXYfgW\`Å[Y"

DUW_`]ghY`ZØf`X]Y`6Yf[Y

BY\`a Yb`G]Y`XØbbY`i bX`Yhk Ug`X]W_YfY`?`Y]Xi b[`a]hž`gcXUgg`G]Y
X]YgY`]a `Nk]YVY`cc`_`hfU[Yb`i bX`VY]`6YXUfZ`Ui gn]Y\`Yb`_ØbbYbž
k Ybb`Yg`k Åfa Yf`k]fX" `5`g`YfghY`GW\]W\`h]gh`Uha`i b[gU`_h]j Y
?`Y]Xi b[`Ui g`Y]W\`hYb`GhcZYb`ni `Ya dZY\`Ybž`XUfØVYf`dUggYb
Y]bY`:`Y`Y`W`UW_Y`i bX`Y]bY`K YghY`cXYf`k UggYfZYghY`šUW_Y`a]h
?Udi nY" ⇒b`XYf`_Ø\`Yb`šU\`fYgnY]h`gc`hY`X]YgY`i bVYX]b[h`[YZØhhYfh
gY]bž`H\`Yfa`ci bhYfk ÅgW\Y`\`Å`h`G]Y`ni gÅh`]W\`k Ufa "

5b`X]Y`6Y]bY`[Y\`Øfh`YVYbZU`g`k YhhYfZYghY`?`Y]Xi b["[G\cfhg`i`bX`HfY`_`\]b\[`\cgYb`_a`\]](#)h]]Y`Yb`dfU`_h]gW\Yb`HUgW\Yb`\UVYb`g]W\`Y]Yf`gW\cb`j]Y`ZUW\`VYk Å\`fh"

GhUV]`Yž`k UggYfX]W\`hY`i bX`Uha`i b[gU`_h]j Y`HfY`__]b[gW\i` \Y`V]YhYb`
⇒bYb`VY]`YXYa`K YhhYf`i bX`ZØf`ghY]`Y`5i Zgh]Y[Y`cd]a`U`Yb`<U`h"
K]W\`h][`]gh`Y]bY`fcVi ghY`@Ui Zgc`\`Y`a]h`ghUf`_Ya`DfcZ]"`5i W\`VY]
GW\`Ua`a`i bX`bUggYb`K Y[Yb`V]YhYb`X]YgY`GhUV]`]hÅ`i bX`<U`h"
8 Ug`C`VYfa`UhYf]U`XYf`GW\i` \Y`gc`hY`ZØf`F`Y[YbhU[Y`k UggYfX]W\`h`gY]b"

9]bY`k UggYf!`i bX`k]bXX]W\hY`FY[Yb\Ø`Y`ØVYf`XYa`Fi W_gUW_
gW\Øhnh`Àf`; YdÀW`j cf`B`ÀggY`"5`hYfbUhj]`YbhgW\Y]XYb`G]Y`g]W\`ZØf
Y]b`k YhhYfZYghYg`Fi W_gUW`a cXY`ž`k Ybb`G]Y`ÀfY`5i gfØghi b[`VY]
`Àb[YfYb`Hci fYb`ni j Yf`Àgg][`hfcW`Yb`\U`hYb`k c`Yb"

K Ug`[Y\ Øfh`gcbgh`bc W\`]bg`; YdÀW`3

G]bX`G]Y`i bhYfk Y[g`VY]a`K UbXYfb`XcW\`Y]ba U`bUgg`[Yk cfXYb3
A]h`k YW\gY`_`Y]Xi b[`g]bX`G]Y`Ui W\`ZØf`X]YgY`G]hi Uh]cb`[YfØghYh"
9fgUm`_`Y]XYf`i bX`Y]b`DUUf`GcW`Yb`Yfa Ø[`]W\Yb`Y]bYb`gW\`bY`Yb
K YW\gY`i bX`j Yf\]bXYfbž`XUgg`G]Y`Ui g_Ø\`Yb"

H]dd.`FY[Yb`UW`Yb`a]h`Uha i b[gU`_h] Yf`A`Ya VfUb`g]bX`k]bX!`i bX
k UggYfX]W\hž`G]Y`_ca`a Yb`XUf]b`UVYf`XYbbcW\`b]W\h`]bg
GW\k]hnYb"

8YhU]`g

6Ygi W\Yb`G]Y`i bg`Ui Z.`Y]bY!fY]gY"XY