

9]bVfi W gk Y`Y`]a `? fY]g`A Yhha Ubb.  
Dc`nY]`gi W h`< ]bk Y]gY`ni `HÅhYfb

⇒ `? fY]g`A Yhha Ubb`\_Ua `Yg`ni `a Y\ fYfYb`9]bVfØWYb`]b  
F Uh]b[ Ybž`A Yhha Ubbž`9f\_fUh\ `i bX`< UUb``Dc`nY]`gi W h  
NYi [ Yb`

\$) "\$, "&\$&( ` `%( . \$-

Dc`nY]`A Yhha Ubb

9]bVfØWY`]a `? fY]g`A Yhha Ubb. `9]b`5bgh]Y[  
j cb` : Å`Yb`j Yfi bg]WYfh`X]Y`? ca a i bYb

A Yhha Ubb`fcbgŁ` `ϕ`XYb`YhnhYb`HU[ Yb`\Uh`X]Y`Dc`nY]`]a `? fY]g  
A Yhha Ubb`Y]bY`VYgcf[ b]gYffY[ YbXY`FY]\Y`j cb`9]bVfØWYb  
j YfnY]WbYh`8]YgY`J cfZÅ`Y`VYhfYZYb`a Y\ fYfY`GhÅXhY`i bX`k YfZYb  
Y]b`@W h`Ui ZY]b`ghY][ YbXYg`G]WYf\Y]hgdfcV`Ya`]b`XYf`FY[ ]cbž  
XUg`gck c`\`X]Y`5bk c\bYf`U`g`Ui W`X]Y`Øfh]WYb`6Y\ØfXYb  
U`Ufa ]Yfh"

„ VYfV`]W\_`ØVYf`X]Y`J cfZÅ`Y`

8Yf`Øb[ ghY`9]bVfi W`ZUbX`]b`XYf`BUW h`Ui Z`XYb`) "5i [ i gh&\$&(   
]a ` : fY]VUX`5b[ YfVUX`Ub`XYf`@]bcfZYf`GhfU»Y`]b`F Uh]b[ Yb`ghUhh"  
I bVY`\_UbbhY`HÅhYf`j YfgW`UZhYb`g]W`[ Yk U`hgUa`Ni [ Ub[ `Xi fW  
Y]b`CVYf`]W h`Ui Z`XYa`8UW`XYg` ; YVÅi XYg`8]Y`[ YbUi Y  
J cf[ Y\Ybgk Y]gY`V`Y]Vh`i b`\_Ufž`k Å\ fYbX`X]Y`Dc`nY]`bUW  
<]bk Y]gYb`gi W h"

9]bVfi W`]b`A Yhha Ubb`i bX`9f\_fUh\

⊕ 'A Yhha Ubb 'YfY][ bYhY 'g]Wk 'nk ]gWYb 'XYa ' ' "i bX '( "5i [ i gh'&&( Y]b'k Y]hYfYf'J cfZU''ž'VY]'XYa 'X]Y 'HÀhYf'Xi fWk 'Y]bY'K c\bi b [ ghØf ]b'Y]b' < Ui g'Y]bXfUb [ Yb'i bX'X]Y 'F Ài a ' ]Wk \_Y]hYb' bUWk K Yfh[ Y [ YbghÀbXYb 'Xi fWk gi Wk hYb'' 'Y\ b' ]Wk Y' A i ghYf'nY][ Yb'g]Wk ' ]b 9f\_fUh\ž'k c'Ua 'gY'VYb' HU [ 'X]Y 'HÀhYf'ØVYf'Y]bY 'HYffUggYb hØf' ]b Y]bY'K c\bi b [ 'Y]bXfUb [ Ybž'i a 'K Yfh[ Y [ YbghÀbXY'ni 'ghY\ 'Yb" < ]Yf'k ]fX'XYf'GUWk gWk UXYb 'VYbZU''g'Ui Z'a Y\ fYfY '\i bXYfh'9i fc [ YgWk Àhnh"

K ]fhgWk UZh' ]Wk Y '5i gk ]f\_i b [ Yb' i bX  
I b hYf\ U' hi b [

9]b'9]bVfi Wk ' ]b' < UUbž'XYf'nk ]gWYb 'XYa ' &( " 'ž ' ]i bX '&' 5i [ i gh &&( 'ghUhhZUbXž'nY][ h'X]Y 'j Yf\ Àb [ b]gj c''Yb'k ]fhgWk UZh' ]Wk Yb : c [ Yb'Y]bYg'gc'Wk Yb'J YfVfYWk Yb'g" 8 ]Y'9]bVfYWk Yf'Yb'k YbXYhYb a Y\ fYfY '\cWk k Yfh][ Y'8Ua YbUfa VUbXi \fYbž'k Ug'ni 'Y]bYa 6Yi hYgWk UXYb' ]b'ZØbZghY'' ][ Yf' < Ø\ Y'ZØ\ fhY'' 'Gc'Wk Y'J cfZÀ''Y '\UVYb b]Wk h'bi f'a UhYf]Y''Yž'gcbXYfb'Ui Wk 'Ya ch]cbU'Y'5i gk ]f\_i b [ Yb'Ui Z X]Y '6YhfcZZYbYbž'X]Y'g]Wk ' ]b '\fYf'Y][ YbYb'G]Wk Yf\Y]h'VYXfc\h ZØ\ 'Yb"

K UWk gYbXYg'G]Wk Yf\Y]hgVYk i gghgY]b

8 ]Y''c\_U'Yb'Dc' ]nY]VY\ØfXYb '\UVYb'Ui ZX]Y'Yf\Ø\hY ?f]a ]bU' ]hÀhgfUhY'fYU[ ]Yfh'i bX'Yfa i h][ Yb'6Øf[ Yfž'\fY G]Wk Yf\Y]hgj cf\_Y\fi b [ Yb'ni 'ØVYfd'fØZYb'' 8 ]Y'Dc' ]nY]' ]b'A Yhha Ubb \Uh'\ ]ZfY]Wk Y' ⊕Zcfa Uh]cbYb' i bX'H]ddg'ni a 'GWk i hn'j cf 9]bVfØWk Yb'Ui Z]\fYf' < ca YdU[ Y'VYfY]h[ YghY''h" 5bk c\ bYf k YfXYb'XUni 'Ui Z[ YZcfXYfhž'j YfXÀWk h][ Y'5\_hj ]hÀhYb'gcZc'fh'ni a Y'XYbž'i a 'X]Y'G]Wk Yf\Y]h' ]b '\fYb'; Ya Y]bXYb'ni 'Yf\Ø\Yb"

GWk i hna U» bU\ a Yb' i bX'5i Z\_`Àfi b [

9g' ]ghj cb'YbhgWk Y]XYbXYf'6YXYi hi b [ ž'XUgg'X]Y'; Ya Y]bgWk UZh k UWk gUa 'V'Y]Vh'i bX'g]Wk 'U\_hj 'Ub'XYf'5i Z\_`Àfi b [ 'ØVYf 9]bVfi Wk gWk i hn'VYhY']][ h''8Yf'9]bgUhn'j cb'a cXYfbYb G]Wk Yf\Y]hgj cff]Wk hi b [ Yb' i bX'dfÀj Ybhj Yb'A U» bU\ a Yb'\_Ubb'XUg

F ]g]\_c `Y]bYg`9]bVfi W\g`Yf\YV`]W `fYXi n]YfYb" `bZcfa Uh]cbYb  
\]Yfni `g]bX`Ui Z`XYf`K YVgY]hY`XYf`?fY]gdc`]nY]VY\`OfXY`A Yhha Ubb  
j YfZØ[ VUf"

: fU[ Yb`V]hhY`Ub.

?fY]gdc`]nY]VY\`OfXY`A Yhha Ubb` `Dc`]nY]dfYggYghY`Y` `5XU`VYfh!  
6UW\!D`Uhn`%( \$, &&`A Yhha Ubb

HY`YZcb.`\$&%\$( `#- , &!%\$%\$

9!A U]`. `dfYggYghY`Y`a Yhha Ubb4 dc`]nY]"b fk "XY

<ca YdU[ Y.`\ hhdg. ##hk ]hhYf"Wc a #dc`]nY]Sb fk Sa Y

8YhU]`g

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