

: 7? j YfghÄf\_h'g]Wk . 'B UWk i Wk ghU`Yb h  
gc f[ h'ZØf`Zf]gWk Yb`K ]bX`]a`Ghi fa

8 Yf`%": 7`? U]gYfg`Ui hYfb`j YfdZ]Wk hYh`Y]b  
j ]Y`j YfgdfYWk YbXYg`GhØfa YfhU`Yb hž`i a`X]Y`A UbbgWk UZh  
ni \_i bZhgg]Wk Yf`ni` [ YghU`hYb"

⊕`XYf`Ui ZFY [ YbXYb`K Y`h`XYg: i » VU`g`gc f[ hY`XYf`%": 7  
? U]gYfg`Ui hYfb`\_Øfn`]Wk`ZØf`5i ZgY`Ybž`]bXYa`Yf`Y]bYg`XYf  
j ]Y`j YfgdfYWk YbXghYb`HU`Yb hY`Ui ZXYa`A Uf\_h`j YfdZ]Wk hYh`Y" ⊕  
XYb`Y`h`hYb`HU [ Yb`XYg`Gca`a`Yf!HfUbgZYfZYbghYfg`Uh`XYf  
Nk Y]h`][ gh`gY]bY`5a`V]h]cbYb`i bhYfghf]Wk Yb`i bX`gY`h`h`j YfghÄf\_h  
Ui Z`X]Y`9b`hk ]W`\_i b [ `↑ b [ Yf`Gd]Y`Yf`"8 ]YgY`GhfU`hY [ ]Y`g [ bU`]g]Yfh  
b]Wk h`bi f`Y]bYb`BYi UbZUb [ ž`gcbXYfb`Ui Wk`X]Y`6YfY]hgWk UZhž  
Zf]gWk Yb`K ]bX`]b`X]Y`A UbbgWk UZh`ni`Vf]b [ Yb`i bX`ni`\_ØbZh] [ Y  
9fZc` [ Y`Ubni ghfYVYb"

8 ]Y`J YfdZ]Wk hi b [ `XYg`B UWk i Wk ggd]Y`Yfg`]gh`Y]b`Yb`hgWk Y]XYbXYf  
GWk f]h`ZØf`XYb` : 7? ž`XYf`]b`XYf`V]g`Yf [ [ Yb`GU]gcb`X]Y`YfghYb`j ]Yf  
Gd]Y`Y`a`]h`g]YVYb`Di b`\_hYb`UV [ YgWk`cggYb`Uh`"8 ]YgY  
Di b`\_hYUi gVYi hY`nY] [ hž`XUgg`X]Y`A UbbgWk UZh`VYfY]hg`Ui Z`Y]bYa  
[ i hYb`K Y [ `]gh`i bX`XUg`bYi Y`HU`Yb`h`\_Øbb`hY`XYf`GWk`ØggY`ni  
k Y]hYfYb`9fZc` [ Yb`gY]b`"8 ]Y`9b`hgWk Y]Xi b [ ž`↑ b [ Y`Gd]Y`Yf`]bg  
HYUa`ni`c`Ybž`]gh`b]Wk h`bi f`Y]bY`⊕j Ygh]h]cb`]b`X]Y` : Y [ Ybk Ufhž  
gcbXYfb`Ui Wk`]b`X]Y`Ni`\_i bZh`XYg`J YfY]bg"

### J YfghÄf\_i b [ `XYf`C ZZYbg]j Y

⊕a`FU`a`Yb`XYf`U`\_hi`Y`Y`b`HfUbgZYfg`Uh`XYf`%": 7`? U]gYfg`Ui hYfb  
b]Wk h`bi f`a`Y`fYfY`⊕ [ YbXgd]Y`Yf`a`]h`DfcZ]Yf`hÄ [ Yb`Ui`g [ YghU`hYhž  
gcbXYfb` [ Yn]Y`h`Y]b`k Y]hYfYg`HU`Yb`hgWk`i`h]b [ `j`cf [ Ybca`a`Yb`"8 Yf  
J YfY]b`k`]`Ui Z`↑ b [ Yž`XmbUa`]gWk Y`Gd]Y`Yf`gY`h`Yb`ž`X]Y`a`]h`]`fYf

9bYf[ ]Y'i bX'fYUHj]hÅh'X]Y'C ZZYbg]j Y'VY'YVYb'\_ÖbbYb"'8]Yg'nY][ h  
X]Y''Ub[ Zf]gh][ Y'J ]g]cb'XYg'J YfY]bgž'X]Y'XUfUi ZUVn]Y'hž'Y]bY  
gW'U[ \_fÅZh][ Y'i bX'hU'Ybh]YfhY'A UbbgW'UZh'Ui Zhi VUi Ybž'X]Y  
gck c\'']b'XYf'@[ U'U'g'Ui W'ja 'Dc\_U'YfZc'[ fY]W'gY]b'\_Ubb"

8 Ug'bYi 'j YfdZ]W'hYhY'B UW'k i W'ghU'Ybh'\_ÖbbhY'U'g'NY]W'Yb'ZØf  
Y]bY'bYi Y'ÿfU'VY]a ' : 7? 'ghY\Ybž']b'XYf'Zf]gW'Y'XYb'i bX'bYi Y  
5bgÅhnY' [ YZØfXYfh'k YfXYb"'A ]h'Y]bYa ' \_'UfYb' : c\_i g'Ui ZX]Y  
9bhk ]W'\_i b[ '† b[ Yf'HU'YbhY'i bX'XYb'K i bgW'ž'X]YgY'Gd]Y'Yf'Ub  
XUg'B ]j YUi 'XYg'DfcZ]Z » VU''g'\YfUbn] ZØ\fybž'\_ÖbbhY'XYf  
6i bXYg`][ ]gh']b'XYb'\_ca a YbXYb'»\fYb'Y]bY'GW'ØggY'fc''Y']a  
XYi hgW'Yb' : i » VU''gd]Y'Yb"

8]Y'9]b[ 'Y]XYfi b[ 'bYi Yf'HU'YbhY']gh'b]W'h'bi f'ZØf'XYfYb  
dYfgÖb`]W'Y'9bhk ]W'\_i b[ 'k ]W'h][ ž'gcbXYfb'ZØfXYfh'Ui W'XYb  
HYUa [ Y]ghi bX'X]Y'8mbUa ]\_']bYf\U'V'XYf'A UbbgW'UZh''9]bY  
gc'W'† b[ Y' : fi ddY']gh'cZi'\i b[ f][ 'bUW'9fZc'[ 'i bX'Vf]b[ h'Y]bY  
Zf]gW'Y'DYfgdY\_h]j Y'a ]h" : Ubg'i bX'6YcVUW'hYf'gY\Yb' [ YgdUbbhž  
k ]Y'g]W'X]YgY'J YfÅbXYfi b[ Yb'Ui Z'X]Y'Gd]Y'Y'i bX'X]Y  
; YgUa hY]ghi b[ 'XYg' : 7? 'Ui gk ]f\_Yb'k YfXYb"

8]Y'bÅW'ghYb'A cbUhY'j YfgdfYW'Yb'gdUbbYbX'ni 'k YfXYbž'XU'XYf  
%" : 7' ? U]gYfg'Ui hYfb'b]W'h'bi f'Ui ZXYb'U\_hi Y''Yb'?UXYf'V`]W\_hž  
gcbXYfb'Ui W'Ui Z'X]Y'\_ca a YbXYb'<YfUi gZcfXYfi b[ Yb']b'XYf'&"  
6i bXYg`][ U'i bX'XUfØVYf'\]bUi g"'8]Y'dYfgÖb`]W'Y'@]ghi b[ 'XYg  
bYi Yb'GhØfa Yfg'k ]fX'a ]h'GdUbbi b[ 'j YfZc'[ hž'XU'YXYf'5i Zhf]hh'X]Y  
A Ö[ ' ]W'\_Y]h'V]YhYhž'g]W' ]b'XYf' ; YgW]W'hY'XYg'? 'i Vg'ni  
j YfYk ][ Yb"

8YhU]`g

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