

G; '6UfcW\_ghUXh. 'B Yi UbZUb[ ' ]b  
; Òdd]b[ Yb 'bUW\ 'HfU]bYfk YW\ gY`

B UW\ 'XYf'HfYbbi b[ 'j cb'HfU]bYf'GYXUh; ÒfYb'gd]Y'h'X]Y'G;  
6UfcW\_ghUXh'Ua 'GUa ghU[ ' ]b'; Òdd]b[ Yb'"HYUa 'i bX  
HfU]bYfhYUa 'VYfY]hYb'g]W\ 'Zc\_i gg]Yfhj cf"

8]Y'G; '6UfcW\_ghUXh'VYZ]bXYh'g]W\ ' ]b'Y]bYf'gdUbbYbXYb'D\ UgYž  
bUW\XYa 'g]Y']\fYb'YfghYb'GU]gcbg]Y[ ' ]b'XYf'FY[ ]cbU`][ U'[ YZY]Yfh  
\Uh"5a 'GUa ghU[ 'ghY\h'XUg'HYUa 'j cf'Y]bYf'bYi Yb  
<YfUi gZcfXYfi b[ . 'Gd]Y`Y]bg'bUW\ 'XYf'HfYbbi b[ 'j cb'HfU]bYf  
GYXUh; ÒfYb'ZØ\fh'X]Y'A UbbgW\UZh'ni a '%"; Òdd]b[ Yf'GJ 'j cb  
%, - ) ž'Y]bYa '5i ZghY][ Yfž'XYf'VYfY]hg[ YnY][ h'\Uhž'XUgg'Yf'HcfY  
gW\]Y»Yb'\_Ubb"

J cfVYfY]hi b[ 'c\ bY'HfU]bYf. 'a a YbgY  
6YXYi hi b[ 'ZØf'X]Y'Gd]Y`Yf

8]Y`YmhYb'HU[ Y'k UfYb'ZØf'X]Y'Gd]Y`Yf'U`Yg'UbXYfY'U'g'Y]bZUW`"  
8YbbbcW\ \Uh'X]Y'A UbbgW\UZh'VYY]bXfi W\_YbX'fYU[ ]Yfhi bX'Y]bY  
dcg]hj Y'9]bghY`i b[ 'ni a 'HfU]b]b[ '[ YnY][ h" 8]Y'A UbbgW\UZh]gh  
a ]h'XYb'; YgW\Y\b]ggYb'f]W\h][ '[ i hi a [ Y[ Ub[ Yb'"8i fW\k Y[  
\UVYb'U`Y'Gd]Y`Yf'XYb'GW\U'hYf'i a [ Y'Y[ hi bX'k ]f'\UhhYb'Y]bY  
Ui g[ YnY]W\ bYhY'Gh]a a i b[ 'ja 'HfU]b]b[ ž'VYgW\fY]Vh'7\]f]gh]Ub  
; Y]gYbXØfZYf'Ui g'XYf'gdcfh]W\Yb'@Y]hi b[ 'X]Y'U\_hi Y`Y'G]hi Uh]cb"  
8]YgY'dcg]hj Y'<YfUb[ Y\Yb'gk Y]gY']gh'Yb'hgW\Y]XYbX'ZØf'X]Y  
: ÒfXYfi b[ 'XYg'HYUa [ Y]ghg'i bX'ZØf'XYb'9fZc`[ ' ]b'XYb  
VYj cfghY\YbXYb'Gd]Y`Yb"

@Y]hi b[ 'Xi fW\ 'Y]b' bYi Yg'HfU]bYfhYUa

8 Ug'HfU]b]b[ 'k ]fX'bi b'j cb'MUg]b'?cWUhYdYžXYa 'Y\Ya U`][ Yb

5gg]ghYbhYb'j cb'; ÒfYbž'ni gUa a Yb'a ]h'7c!HfU]bYf'GYbci Wj'5`Ua  
[ Y`Y]hYh" ?cWUHydY'ØVYfb]a a h'X]Y'J YfUbhk cfhi b[ 'VY]'XYf  
HfU]b]b[ g[ YghU'hi b[ ž'k Å\ fYbX' ?Ud]hÅb'DUhf]W\_ 'GWU UUZ']\ b  
\]bg]W h]W'XYf'Gd]Y`Ui gf]W hi b[ 'i bhYfghØhnh" ' DUhf]W\_ 'i bhYfghØhnh  
MUg]b ]b'XYb'D'Ubi b[ Yb'i bX'k ]fX'X]Y'5bgdfUWYb'j cf'XYa 'Gd]Y`  
\U'hYb" '8 Ug] ]gh'UVYf'b]W hg'BYi Yg ž'Yf[ Åbnh'; Y]gYbXØfZYf" '8]YgY  
?cbh]bi ]hÅh\_ØbbhY'ZØf'XUg'HYUa 'ghUV]' ]g]YfYbX'k ]f\_Yb'i bX'XUni  
VY]hfU[ Ybž'XYb'UVfi dhYb'HfU]bYfk YW'gY`VYggYf'ni 'VYk Å'h][ Yb"

; Y[ bYfUbU`mgY. 'K Ufbi b[ 'j cf'XYf'ghUf\_Yb  
C ZZYbg]j Y

⇒a 'J cfZY'X'XYg'Gd]Y`g'\Uh'XUg'HfU]bYfhYUa 'X]Y'5b[ f]Zg`Y]ghi b[  
XYg'\Yi h][ Yb'; Y[ bYfgž; Òdd]b[ Ybž'Y]b[ Y\YbX'UbU`mg]Yfh"; Y[ Yb  
<c ZZYb\Y]a '⇒Yfn]Y'hY'X]Y'A UbbgW'UZh'XfY]'HcfY'i bX'hfUZ'Ui W  
[ Y[ Yb': fY]VYf[ 'nk Y]a U" ' K Ybb'Y]bY'A UbbgW'UZh[ Y[ Yb  
<c ZZYb\Y]a '⇒XfY]'HcfY'gW ]Y» hž'XUbb'nY][ h'XUg'gW'cbž'XUgg'X]Y  
C ZZYbg]j Y'f]W h][ ' [ i h'VYgYhnh'gY]b'a i gg ž'a U\bh'; Y]gYbXØfZYf'ni f  
J cf]W h" '8]YgY'9]bgW'Åhni b[ 'j YfXYi h]W h'X]Y  
<YfUi gZcfXYfi b[ Ybž'j cf'XYbYb'X]Y'G; '6UfcW\_ghUXh'ghY'hž'i bX  
\_ØbbhY'XYb'Gd]Y`Yfb'\Y'ZYbž'X]Y'bØh][ Y' ?cbnYbhfUh]cb'i bX  
A ch]j Uh]cb'ZØf'XUg'Gd]Y`ni 'Ybhk ]W\_Y`b"

DYfgcbY`Y'G]hi Uh]cb. 'J YfÅbXYfi b[ Yb']b'XYf  
5i ZghY`i b[ 3

8]Y'5i ZghY`i b[ 'XYf'G; '6UfcW\_ghUXh\_ØbbhY'g]W`Y]W h'ÅbXYfbž  
k cVY]' [ fc»Y'l a ghY`i b[ Yb'\_Y]bYgk Y[ g'ni 'Yfk UfhYb'g]bX" '9g'k ]fX  
'YXcW'a ]h'GdUbbi b[ ' [ YgW'Ui hž'cV'XYf'bYi 'j YfdZ]W hYhY'Gd]Y`Yf  
?YUbi ' ?fUZhž'XYf'Ui g'XYf'l &' 'j cb'A U]bn'\$) '\_ca a hž'gY]b'8YVØh  
[ YVYb'k ]fX" ⇒W'V]b'a ]f'XcW'gW'cb'gY'f'g]W Yfž'XUgg'Yf'Ua  
GUa ghU[ 'Yfgha U'g'i bgYf'Hf]\_ch'hfU[ Yb'k ]fX ž' ]gh'; Y]gYbXØfZYf  
cdh]a ]gh]gW" 'Ni XYa ' \_ØbbhY'Ui W'9f]W; Ub]a Y'bUW'Y]bYf  
A i g\_Y]j Yf'Yhni b[ 'k ]YXYf'a ]hk ]f\_Ybž'k Å\ fYbX'X]Y'FØW\_Y'f'j cb  
?Yj ]b'<]`a Ubb'i bX'7` ]bh'9ggYfg'Ui Z[ fi bX'j cb' ?b]Yj Yf'Yhni b[ Yb  
i b[ Yk ]gg'V'Y]Vh"

: Un]h. '9]b 'Gd]Y`'ZØf'XYb 'Ni gUa a Yb\U`h

: Øf'X]Y`G; '6UfcW\_ghUXh`]gh'XUg'VYj c fghY\YbXY'Gd]Y`'[ Y[ Yb  
; Òdd]b[ Yb' b]W\h'bi f'Y]bY'gdcfh`]W\Y'< YfUi gZcfXYfi b[ ž'gcbXYfb  
Ui W\ 'Y]bY'HYghd\UgY'ZØf'XYb'HYUa [ Y]gh'i bX'X]Y'F Yg]`]Ybn'XYf  
Gd]Y`Yf" 'G]Y[ Y`]b'gc`W\Yb'G]hi Uh]cbYb'\_ÒbbYb'XUg'J YfhfUi Yb`]b  
XUg'HYUa `i bX'XUg'HfU]bYfhYUa `ghÅf\_Yb`i bX'g]bX'YbhgW\Y]XYbX  
ZØf'Y]bY'YfZc`[ fY]W\Y'GU]gcb" '8Ug'[ YgUa hY' l a ZY'X'XYg'J YfY]bg  
\c Zhž'XUgg'g]W\ 'X]Y'dcg]hj] Y'Gh]a a i b[ `]a `HfU]b]b[ `Ui W\ 'Ui Z'XUg  
Gd]Y`ZY'X'ØVYfhfÅ[ hi bX'X]Y' A UbbgW\UZh'X]Y' A Ò[ `]W\ \_Y]h`\Uhž'Ui W\  
c\bY'XYb'V]g\Yf][ Yb'HfU]bYf'ni `[ `ÅbnYb"

8YhU]`g

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