B Yi Yf' ? cbgYbgi gVYf]W\ h.
J cf\cZZ]a a Yfb'i bX'gY]bY'l fgUW\ Yb
Yb hgW\`ØggY`h

⊕hYfbUh]cbU`Y`9l dYfhYb[fi ddY`j YfØZZYbh]W\ h
?cbgYbgi gXc_i a Ybh'ni f`J cf\cZ\_UfX]ca mcdUh\]Yž[ Y`Y]hYh
j cb`DfcZ` ; cYhhYž`Ui Z`9G7`&\$&("

9]b`k ]W\ h][ Yf`GW\ f]h`i]b`XYf`\_UfX]c`c []gW\ Yb` : cfgW\ i b[ `]gh'a]h`XYf
J YfØZZYbh]W\ i b[`Y]bYg`bYi Yb`?cbgYbgi gXc\_i a YbhYg`ni f`Uhf]U`Yb
?UfX]ca mcdUh\]Y`fBh7A Ł[ Y`i b[Yb`"8]YgYg`8c_i a Ybhž`XUg`j cb
Y]bYf`]bhYfbUh]cbU`Yb` ; fi ddY`j cb`&%`9l dYfhYb`Ui g
j YfgW\]YXYbYb`\_cbh]bYbhU`Yb` : UW\ [ YgY`gW\ UZhYb`YfUfVY]hYh
k i fXYž`V]YhYhi a ZUggYbXY`9]bV`]W\_Y`]b`X]Y`9f_fUb_i b[ž`XYfYb
8]U[bcgh]_i bX`H\YfUd]Y`"8]Y`9f[ YVb]ggY`k i fXYb`Ua ` ` %''5i [i gh
&\$&(`j cb`DfcZ`'5bXfYUg` ; cYhhYž`Y]bYa `A]h[`]YX`XYg`5: B`9H!
J cfghUbXgž`k Å\ fYbX`XYg`⋈\ fYg\_cb[ fYggYg`XYf`9i fcdÅ]gW\ Yb
; YgY`gW\ UZh`ZØf`?UfX]c`c []Y`]b`@cbXcb`dfÅgYbh]Yfh"

8]Y`Uhf]U`Y`?UfX]ca mcdUh\]Y`VYnY]W\ bYh`dUh\c`c []gW\ Y
J YfÅbXYfi b[Yb`]b`XYb`<Yfn] cf\ØZYbž`X]Y`ni f`9bhghY\i b[`j cb
J cf\cZZ]a a Yfb`ZØ\ fYb`_ØbbYb`i bX`XUa]h`gW\ k Yfk]Y[YbXY
: c`[ Yb`k]Y`6`i h[Yf]bbgY`i bX`GW\`U[ UbZÅ`Y`bUW\`g]W\`n]Y\Yb
ØbbYb`"8]Y`]b]gW\Y`F`Y`Y`j Ubn`X]YgYf`9f_fUb_i b[`a UW\ h`Yg
bchk YbX][ž`XUg`K]ggYb`i a `]\fY`l fgUW\ Yb`i bX`6Y\UbX`i b[
Zcfh`Ui ZYbX`ni `Yfk Y]hYfb"

: c fhgW\ f]hhY`]b`XYf`? UfX]c`c []Y

⊕`XYb`YhnhYb`UW\ h`⋈\ fYb`gY]h`XYf`YfghYb`J YfØZZYbh]W\ i b[`ni
X]YgYa `H\Ya U`\Uh`g]W\`X]Y` : cfgW\ i b[ `]a `6YfY]W\`XYf`Uhf]U`Yb
?UfX]ca mcdUh\]Y`Yf\YV`]W\`k Y]hYfYb`hk]W_Y`h`"8 Ug`bYi Y

?cbgYbgi gXc_i a Ybh]ghVYfY]hgXUg'nk Y]hY'gY]bYf'5fhi bX
VYZUggh'g]W\ 'a]h'k]ggYbgW\UZh]W\Yb'9f_Ybbhb]ggYb'j cb'XYf
; fi bX'U[YbZc'fgW\i b['V]g'\]b'ni ']'bbcj Uh]j Yb'8]U[bcgY!'i bX
H\YfUd]YUbgÅhnYb"DfcZ"; cYhhY'ZØ\fhY'Ui gžXUgg'Yg'bi b'Yfgha U'g
Y]bY'_]b]gW\ 'Ub'k YbXVUFY'; fUXi]Yfi b['XYf
Jcf\cZ_UfX]ca mcdUh\]Y']b'XfY]'GhUX]Yb'[]Vhž'k Ug'X]Y']bX]j]Xi Y''Y
6Y\UbX'i b['j cb'DUh]Ybh.]bbYb'k YgYbh]W\ 'j YfVYggYfb'_ÖbbhY"

K]ggYbgW\UZh]W\Y': cfhgW\ f]hhY']b'XYf'6]'X[YVi b['Yfa Ö[']'W\Yb'Yg
ÿfnhYbž'X]Y' bÖh][Yb'8]U[bcgYb']W\h.]bj Ug]j 'ni 'ghY''Yb"'8]YgYf
a Y]'YbghY]bUfh][Y': cfhgW\ f]hh'k]fX'U'g'k Yfhj c''Y]b[Yghi Zh'zi a
DUh]YbhYb'[Yn]Y'hYf'i bX'YZZY_h]j Yf'VY\UbXY'b'ni '_ÖbbYb"'Ni XYa
k i fXYb'9a dZY\ 'i b[Yb'ZØf'ni _ØbZh][Y': cfgW\i b[gdfc'Y_hY
Ui g[Ygdfc'W\Ybž'i a 'VYghY\YbXY'K]ggYbg'ØW_Yb'ni 'gW\]Y»Yb'i bX
X]Y'9bhk]W\ 'i b['k Y]hYfYf'H\YfUd]YUbgÅhnY'j cfUbni hfY]VYb"

8]Y']bhYfbUh]cbU'Y'?ccdYfUh]cb'VY]b\U'hYhY'Ui W\ '9I dYfhYb'Ui g
XYa 'Yi fcdÅ]gW\Yb': cfgW\i b[g_cbgcfh]i a 'A 59GHF Æž'k Ug'Y]bYa
i a ZUggYbXYb'5i ghUi gW\ 'j cb'K]ggYb'i bX'9fZU\fi b[Yb'VY]'XYf
9fghY''i b['XYg'?cbgYbgi gXc_i a YbhYg'ni [i hY'_Ua "'8]YgY
Ni gUa a YbUfVY]h]gh'Y]bY'6YghÅh][i b['XYf['cVU'Yb
5bghfYb[i b[Yb'ni f'6Y_Åa dZi b['j cb'<YfnYf_fUb_i b[Ybž'X]Y'Y]bY
XYf'\Åi Z][ghYb'l fgUW\Yb'ZØf'A cfV]X]hÅhi bX'A cfhU']hÅh'k Y'hk Y]h
XUfghY''Yb"

DfcZ"; cYhhY'ni gUa a Yb'a]h'k Y]hYfYb': UW\ 'Yi hYb'k]fX']b'XYb
_ca a YbXYb' ð\ \fYb'XUfUb'UfVY]hYbž'X]Y'6Y\UbX'i b[g_cbnYd'hY
k Y]hYf'ni 'j YfZY]bYfbž'i a 'Y]bY'bcW\ 'dfÅn]gYfY'5bdUggi b['XYf
H\YfUd]Yb'Ub'X]Y']bX]j]Xi Y''Yb'6YX]b[i b[Yb'XYf'DUh]Ybh.]bbYb'ni
Yfa Ö[']'W\Yb"'8]Yg'_ÖbbhY'b]W\h'bi f'X]Y'@VYbgei U']hÅh'XYf
6YhfcZZYbYb'Yf\YV']W\ 'ghY][Yfbž'gcbXYfb'Ui W\ 'X]Y'Yk Y']][Yb
6Y\UbX'i b[g_cgYb'gYb_Yb"

8]Y'9bhghY\i b['XYg'?ca dYhYbnbYhnYg'Jcf\cZZ]a a Yfb'Y"J"
fB: B9HĚ]j YfXYi h]W\h'ni XYa ž'k]Y'k]W\h]['X]Y']bhYfX]gn]d']bÅfY
Ni gUa a YbUfVY]h'nk]gW\Yb'K]ggYbgW\UZh'Yf.]bbYb'i bX'ÿfnh.]bbYb
]ghž'i a ': cfgW\i b[gYf[YVb]ggY'YZZY_h]j ']b'X]Y'_']b]gW\Y'DfUI]g
i a ni gYhnYb"'8Ug'j cb'XYf'6i bXYgYfY[]Yfi b['i bhYfghØhnhY

BYhmk Yf_\Uh'g]W\`ni a `N]Y`[ YgYhnhž`X]Y`8]U[ bcgY`i bX`H\YfUd]Y
j cb`Jcf\cZZ]a a Yfb`]b`8Yi hgW\`UbX`i bX`XUfØVYf`\]bUi g`ni
j YfVYggYfb`Xi fW\`_ccfX]b]YfhYž`b]W\`h!_ca a Yfn]Y``Y`\_`b]gW\`Y
Ghi X]Yb`i bX`]bbcj Uh]j Y`: cfgW\`i b[gdfc`Y_hY"

8]Y`a cXYfbYb`k]ggYbgW\`UZh`]W\`Yb`9f_Ybbhb]ggY`i bX`X]Y
Ui Z[YnY][hYb`: cfhgW\`f]hhY`]a `6YfY]W\`XYf`Uhf]U`Yb
?UfX]ca mcdUh\]Y`V]YhYb`VY]`k Y]hYa `b]W\`h`bi f`bYi Y`DYfgdY_h]j Yb
ZØf`X]Y`6Y\`UbX`i b[`j cb`Jcf\cZZ]a a Yfb``J]Y`a Y\`fž`g]Y`hfU[Yb
XUni `VY]ž`XUg`J Yfgh`AbXb]g`ZØf`<Yfn_fUb_\Y]hYb`]bg[ YgUa h`ni
j Yfh]YZYb`i bX`bYi Yž`dYfgcbU`]g]YfhY`5bg`AhY`ni `Ybhk]W_Y`bž`X]Y
XYb`gdYn]Y``Yb`6YXØfZb]ggYb`i bX`6YX]b[ i b[ Yb`XYf`6Yhfc`ZZYbYb
F YW\`bi b[ `hfU[Yb"

8YhU]`g

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