

91 !GhfUhY[]Y'ni f'?f]gYbj cfgcf[Y. 6YXfc\i b[Yb'i bX'bUh]cbU`Y'6YXYb_Yb°

8]Y'91!?ca a]gg]cb'ghY``hY'Ua '&"'> b]'&\$&) 'X]Y DfYdUfYXbYgg'l b]cb'GhfUhY[m'jcfž'ia'?f]gYbZYgh][_Y]h'ni ghÀf_Yb'ibX'bUh]cbU`Y'NighÀbX][_Y]hYb'nigW.ØhnYb"



6fØggY`ž'6Y`[]Yb'!'5a '&"'\$b]'&\$&) 'ghY``hY'X]Y'9I!?ca a]gg]cb X]Y' DfYdUfYXbYgg'I b]cb'GhfUhY[m']a'; Ygi bX\Y]hgUi ggWXi gg XYg'9i fcdÀ]gWXYb'DUf`Ua Ybhg'j cf"'8]YgY'GhfUhY[]Y'n]Y`h'XUfUi Z UVž'X]Y'?f]gYbZYgh][_Y]h'XYf'9I 'b]WXh'bi f']a'; Ygi bX\Y]hggY_hcfž gcbXYfb']b'j YfgWX]YXYbYb'6YfY]WXYb'ni 'ghÀf_Yb"'DfÀgYbh]Yfh ki fXY'X]Y'GhfUhY[]Y'j cb'<Ubg'8Ugž'XYa 'ghY``j YfhfYhYbXYb; YbYfU`X]fY_hcf'XYf'; YbYfU`X]fY_h]cb'ZØf'\i a Ub]hÀfY'<]`ZY'i bX?UhUghfcd\YbgWXi hn'fB; '97<C'L"'8]Y'5b_ØbX][i b['\Uh'YXcWX[Ya]gWXhY'FYU_h]cbYb'Ui g[Y`Ògh"

?f]h]_Yfž'XUfi bhYf'XYf': D² !9I !5V[YcfXbYhY'; YfU`X'<Ui gYfž Ài »Yfb'6YXYb_Yb'\]bg]W\h`]W\'Y]bYf'a Ò[`]W\Yb'5i gk Y]hi b['XYf ?ca dYhYbnYb'XYf'9I "'<Ui gYf'k Ufbh'XUj cfž'XUgg'X]Y'9I ! ?ca a]gg]cb ii bhYf XYa 'J cfk UbX 'XYf'?f]gYbj cfgcf[Y']b 'gYbg]V`Y 6YfY]WXY'k]Y'G]WXYf\Y]hž'J YfhY]X][i b[\dot{z} '; Ygi bX\Y]hž'6]`Xi b['i bX ?`]a UgWXi hn'Y]b[fY]ZYb'_ObbhY"'8]YgY'6YZØfWXhi b[Yb'gd]Y[Y`b g]WX'Ui WX']b'<Ui gYfg'?f]h]_'Ub'XYf' \Rightarrow hY[fUh]cb'j cb'G]WXYf\Y]hg! i bX'?f]gYbh\Ya Yb']b'6]`Xi b[g!'i bX' \Rightarrow [YbXdfc[fUa a Yb'k]XYfž X]Y'Yf'U`q'dchYbn]Y``Y' \Rightarrow Xc_hf]bUh]cb'VYhfUWXhYh"

? f]h]gWX Y HY Ya Yb i b X a Ò[`]WX Y ; Y ZUY f j c b<math>VYf[f]ZZYb

Ni gàhn`]W\ 'ni 'XYb'6YXYb_Yb'\]bg]W\h`]W\ 'XYf'bUh]cbU`Yb
Ni ghàbX][_Y]hYb'gY\Yb'X]Y'?f]h]_Yf'Ui W\ 'a]`]hàf]gW\Y
?ca dcbYbhYb'XYf'GhfUhY[]Y'U`g'U`Ufa]YfYbX'Ubž'k]Y
VY]gd]Y`gk Y]gY'XYb'5i ZVUi 'Y]bYg'[fc» Yb': Y`X`UnUfYhhg'''< Ui gYf
VYZØfW\hYhž'XUgg'bU\Yni 'YXYg'H\Ya U'U`g'?f]gY'[Yk YfhYh'k YfXYb
_`ObbhYž'k Ug'X]Y'Ni ghàbX][_Y]hYb']bbYf\U`V'XYf'9I 'Yf\YV`]W\
VYY]bZi ggYb'k ØfXY'''9f'j Yfk Y]gh'Ui Z'XUg'?f]gYba UbU[Ya Ybh'XYf
9I 'k À\fYbX'XYf'7cfcbUdUbXYa]Y'U`g'6Y]gd]Y`'ZØf']bYZZ]n]YbhY
; Ygi bX\Y]hgdc`]h]_'i bX'ZcfXYfh'Y]bY'F ØW__Y\f'ni a ': c_i g'Ui Z'X]Y
bUh]cbU'Y'?f]gYbdfàj Ybh]cb"

8]Y'9I!GhfUhY[]Y'nif?f]gYbjcfgcf[Y'kifXY'jcb'?U'U'?U``Ug'ibXXYf'?caa]gg]cb'jcf[YghY``hžia'X]Y'A]h[`]YXghUUhYb']b']\fYf
JcfVYfY]hib['UiZ'ni_ØbZh][Y'6YXfc\ib[Yb'ni'ibhYfghØhnYb'''9]b
6Yf]W\h'nif'5fVY]h'XYf'9I!6Y\ÒfXY'ZØf'?f]gYbjcfgcf[Y'ibX
!fYU_h]cb'fk9F5Ł'dfÀgYbh]Yfh'9fZc`[Y'ibX'<YfUigZcfXYfib[Yb''<9F5'kifXY'jcf'ØVYf'XfY]'*J\fYb'[Y[fØbXYh'ibX'\Uh'ibhYf
UbXYfYa'X]Y'Jcfgcf[Y!'ibX'FYU_h]cbg_UdUn]hÀhYb']a'Ia[Ub[a]h'_f]h]gW\Yb'5fnbY]a]hhY`Yb[dÀggYb'[YghÀf_h''8]Y'GhfUhY[]Y
iaZUggh''\$'@Y]hU_h]cbYb'ibX'Y]bYb'5_h]cbgd`Ub'ZØf'X]Y':ÒfXYfib[Y]bYf'?i`hifXYf'Y]b[YVUihYb'Jcfqcf[Y']b'XYf'9I''

l a ZUggYbXYg J cf[Y\Yb [Y[Yb 6YXfc\ib[Yb

8]Y'<YfUi gZcfXYfi b[Ybžjcf'XYbYb'X]Y'9I 'ghY\hžg]bX'j]Y`ZÀ`h]["8Uni '[Y\ÒfYb'[Ycdc`]h]gW\Y'GdUbbi b[Ybž'\mVf]XY'6YXfc\i b[Yb

 $\label{eq:continuous} i \ b X \cdot 7 \ mV \ Y \ fg] W \ Y \ f \ Y \ f \ g] \ g] \ Y \ b \ Y \ f \ Z \ f \ Y \ f \ Z \ f \ Y \ b \ X \ Y \ g \ Y \ b \ h) \ Y \ Y \ f \ Y \ g \ Y \ b \ h) \ Y \ Y \ f \ Y \ g \ Y \ b \ h) \ Y \ Y \ f \ Y \ g \ Y \ b \ h) \ Y \ f \ Y \ g \ Y \ b \ h) \ Y \ Y \ f \ Y \ g \ Y \ b \ h) \ Y \ Y \ f \ Y \ g \ Y \ b \ h) \ Y \ Y \ f \ Y \ g \ Y \ f \ Y \ g \ Y \ f \$

- GWXi hn'[fi bX`Y[YbXYf'[YgY``gWXUZh`]WXYf': i b_h]cbYb'k]Y
 ?fUb Yb\Ài gYf'i bX'GWXi `Yb"
- JYfVYggYfi b['XYf'6Yj cffUhi b['_f]h]gWXYf'5i gfØghi b[Yb"
- 5bdUggi b['Ub'XYb'?`]a Uk UbXY`"
- : ÒfXYfi b['XYf'J cfgcf[Y']b'XYf'6Yj Ò`_Yfi b[ž'Yhk U'Xi fW BchZU``j Yfgcf[i b['ZØf'+&'Ghi bXYb"
- 9]bf]W\hi b['Y]bYg'9I !?f]gYbnYbhfi a g'ni f'Cdh]a]Yfi b[XYf'?f]gYbfYU_h]cb"
- GhÀf_i b['XYf'n]j]`!a]`]hÀf]gWXYb'Ni gUa a YbUfVY]h"
- 9bhk]W_`i b['Y]bYf'i a ZUggYbXYb'F]g]_c!'i bX 6YXfc\i b[qUbU`mqY'Ui Z'9I !9VYbY"
- Ni gua a Ybufvy]ha]hYl hYfbYb DufhbYfb k]Y XYf B 5 HC "

a '<]bhYf[fi bX'ghY\h'XYf'B]]b]ghÒ!6Yf]W\hž'XYf'X]Y'Bchk YbX][_Y]h Y]bYf'ghÀf_YfYb'Yi fcdÀ]gW\Yb'?ccfX]bUh]cb'i bX'X]Y'GhÀf_i b[n]j]'Yf'gck]Y'a]']hÀf]gW\Yf'J cfgcf[Y'ZcfXYfh"8Yf'9]bgUhn'Y]bYg]bhY[f]YfhYbž'fYggcfhØVYf[fY]ZYbXYb'i bX [YgUa h[YgY``gW\UZh`]W\Yb'5bgUhnYg']gh'Y]b'nYbhfU`Yg'A Yf_a U``XYf GhfUhY[]Yž'XUg'XUfUi Z'UVn]Y`hž'X]Y'FYg]`]Ybn'i bX'G]W\Yf\Y]h 9i fcdUg'ni 'Yf\Ò\Yb"

A]h'XYf' DfYdUfYXbYgg'l b]cb'GhfUhY[m 'ghfYVh'X]Y'9l 'Ubž'g]W\
VYggYf'Ui Z'ni _ØbZh][Y'?f]gYb'i bX'6YXfc\i b[Yb'j cfni VYfY]hYb
i bX'XUVY]'['Y]W\nY]h]['a Ò[']W\Y'9]b[f]ZZY']b'bUh]cbU'Y
Ni ghÀbX][_Y]hYb'ni 'j Yfa Y]XYb''8]Y'YfZc'[fY]W\Y'l a gYhni b[
X]YgYf'GhfUhY[]Y'_ÒbbhY'YbhgW\Y]XYbX'XUZØf'gY]bž'X]Y'G]W\Yf\Y]h
XYf'9l !6Øf[Yf']b'Y]bYf']bWfYUg]b['m'i bg]W\YfYb'K Y'h'ni
[Yk À\f'Y]ghYb''K Y]hYfY'\DZcfa Uh]cbYb'ni 'X]YgYf'H\Ya Uh]_'Z]bXYb
G]Y']b'XYb'6Yf]W\hYb'j cb': fY]']W\'A U[Un]bž'9l !J YfhfYhi b[']b
8Yi hgW\'UbX'i bX'6i bXYq Ubn'YfUa h'2 ghYffY]W\'

| 8YhU]`g | | |
|----------|------------|--|
| J cfZU`` | Gcbgh][Yg | |
| | | |

| 8 YhU]`g | |
|----------|--|
| Cfh | 6fØggY`ž'6Y`[]Yb |
| EiY``Yb | k k k "ZfY]`]WX!a U[Un]b"Wca [Yfa Ubm"fYdfYgYbhUh]cb"YWYi fcdU"Yi k k k "Vi bXYg_Ubn`YfUa h"[j "Uh |

6Ygi WXYb G]Y i bg Ui Z b!U["bYh