

6U\b\cZ'6Yf`]b.'9]bgW\fÀb_i b[Yb'i bX BYi Yfi b[Yb'ni a 'GW\i `^U\fYgghUfh

BYiYFY[Y`ib[Yb`]a '5i [igh 'ŸbXYfib[Yb'VY]'BUW\hn@[Ybž; U`Yf]U!GW\`]Y» ib[Ybž'Gc`UfjYf[Øhib['ibX GW\i`'U\fYgVY[]bb"'=bZcfa]YfYb'G]Y'g]W\"

K]WX h][Y'JYf_Y\fgY]bgWXfÀb_i b[Yb'ZØf FY]gYbXY

5V'XYa '%&"'5i [i gh'V]g'ni a '&) "'C_hcVYf'&\$&' 'a ØggYb'g]W\
FY]gYbXY'nk]gW\Yb'6Yf`]b'i bX'DUf]g'Ui Z'VYhfÀW\h`]W\Y
6YY]bhfÀW\h][i b[Yb'Y]bghY``Yb"'8]Y'BUW\hnØ[Y'Ui Z'X]YgYf
VY`]YVhYb'GhfYW_Y'ZU``Yb'k À\fYbX'XYg'[YbUbbhYb'NY]hfUi a g
Ui Z[fi bX'j cb'i a ZUb[fY]W\Yb'6Ui UfVY]hYb'Ua 'GW\]YbYbbYhn'Ui g"
8]Yg'\Uh'b]W\h'bi f'5i gk]f_i b[Yb'Ui Z'X]Y'FY]gYbXYb'gY`Vghž
gcbXYfb'_ObbhY'Ui W\X]Y'hci f]gh]gW\Y'5bn]Y\i b[g_fUZh'i bX'X]Y
A cV]`]hÀh'nk]gW\Yb'XYb'< Ui dhghÀXhYb'VYY]bhfÀW\h][Yb"

GWX`]Y»ib[Yb`]a '9]bnY`\UbXY`.'; U`Yf]U! < Ài gYf'VYhfcZZYb

=a '9]bnY`\UbXY``[]Vh'Yg'YVYbZU``g'VYXYi hYbXY'J YfÀbXYfi b[YbžXU'Ua ''%"'5i [i gh'&\$&' 'bYi b'j cb']bg[YgUa h'-&'; U`Yf]U!
GhUbXcfhYb'gW\`]Y» Yb'k YfXYb"'8]YgY'GW\`]Y» i b[Yb'g]bX'XUg
9f[YVb]g'XYf'YfbYi hYb'≠bgc`j Ybn'XYg'K UfYb\Ui g_cbnYfbg'ni
6Y[]bb'XYg'≯J\fYg"'Ni a '%"'5i [i gh'ØVYfbY\a Yb'\]b[Y[Yb'bYi Y
9][YbhØa Yf'X]Y'?YhhYž'k Ug'a Ò[`]W\Yfk Y]gY'bYi Y'DYfgdY_h]j Yb
ZØf'X]Y'j YfV`Y]VYbXYb'; YgW\ÀZhY'YfÒZZbYb'_ÒbbhYž'UVYf
[`Y]W\nY]h]['Y]bYb'5VgW\]YX'j cb'k c\`VY_UbbhYb'9]b_Ui ZgcfhYb
VYXYi hYh"

ŸbXYfib[Yb]bXYfGc`UfghfcajYf[Øhib[

9]b'k Y]hYfYf'Di b_h'j cb'6YXYi hi b[']gh'X]Y'FYXi n]Yfi b['XYf 9]bgdY]gYj Yf[Øhi b['ZØf'bYi ']bghU``]YfhY'D\chcj c`hU]_Ub`U[Ybž'X]Y UV'XYa '%"'5i [i gh']b'6Yhf]YV'[Ybca a Yb'k YfXYb"'8]Y'JYf[Øhi b[g]b_h'i a 'Y]b'DfcnYbhž'k Ug'ZØf'j]Y`Y'_`Y]bY'5bV]YhYf'i bX < Ui g\U`hYž'X]Y'gc`UfVYhf]YVYbYb'Ghfca ']bg'BYhn'Y]bgdY]gYb a ÒW\hYbž'Y]bY'[Yf]b[YfY'Z]bUbn]Y``Y'FØW_a Y`Xi b['ni f': c`[Y\UVYb'_ObbhY"'\deltagVYgcbXYfY'X]Y'9]bgdY]gYj Yf[Øhi b['ZØf'5b`U[Yba]h'Y]bYf'@Y]ghi b['j cb'nY\b'?]`ck Uhh'VYhfÀ[h'bi b', ž%%'7Ybh'dfc?]`ck Uhhghi bXYž'k Ug'X]Y'6YfYW\bi b[Yb'j]Y`Yf'<Ui gVYg]hnYf

BYiY'FY[Y`ib[Yb'ZØf; YgWX`YWXhgÀbXYfib[Yb

9]b :g][:b]Z]_Ub hYg $:[YgY``gWX UZh`]WX Yg :H Ya U :]gh :X]Y :F Y[Y`i b [:ni f : YgWX `YWX hgÀb XYfi b [:VY]a :GhUb XYgUa h":5 V :XYa :%":5 i [i gh YfÒZZb Yh :g]WX :ZØf :HfUb gd Yfgc b Yb :X]Y :A <math>O[`]WX_Y]h\check{z}$]\fY :YgWX `YWX hg]XYb h]hÀh :c ZZ]n]Y ```Ub ni a Y `XYb ":8]YgY :a i gg :YXc WX XfY]:A cb UhY :]a :J cfUi g :[YgWX Y \Yb \check{z} VYj cf :XUg GY`VghVYgh]a a i b [g[YgYhn :Ua :%":B cj Ya VYf :]b :? fUZh :hf]hh":Gc `WX Y F Y[Y`i b [Yb :k]f_Yb :g]WX :b]WX h:b i f :Ui Z :X]Y :9]bnY`bYb :Ui g :\ gz :gc b XYfb gd]Y[Y`b :Ui :WX :XYb :[YgY ``gWX UZh`]WX Yb :K :Ub XY ``i b X :XYb Zc fhgWX fY]hYb XYb :I a [Ub [:a]h :\ XYb h]hÀh :k]XYf"

8UgbYiYGWXi`^U\fVY[]bbh

A Uf_Ubh'ZØf'X]Y''Øb[YfYb'; YbYfUh]cbYb']gh'XYf'6Y[]bb'XYg'bYi YbGWi ''U\fYgž'XYf'Ua''%"'5i[igh'&\$&' ']b'H\Øf]b[Yb'Ui Z'XYb'D`UbghY\h"-a': fY]ghUUh'6UmYfb'k]fX'XUg'GWi ''U\f'Yhk Ug'gdÀhYfž'Ua%\$"'GYdhYa VYfž'YfÒZZbYh"'8]Y'K]YXYfÒZZbi b['XYf'GWi 'YbVYXYi hYh'ZØf'j]Y`Y: Ua]`]Yb'Y]bYb'BYi UbZUb['ibX'_Ubb'Ui W\XX]Y8]g_i gg]cb'ØVYf'6]`Xi b[gdc`]h]_'ibX'@Y\fd`UbÀbXYfi b[Yb'bYiYbhZUW\Yb"

±bg[YgUa h'nY]W\bYh'g]W\'UV'5i [igh'&\$&' 'Y]b'6]`X'UVž'XUg'gck c\`

7\UbW\b'U`g'Ui W\'< YfUi gZcfXYfi b[Yb'ZØf'X]Y'; YgY``gW\UZh`a]h g]W\'Vf]b[h''CV']a '6YfY]W\'JYf_Y\fž'9]bnY`\UbXY``cXYf']b'XYf gcn]U`Yb'; YgYhn[YVi b[''X]Y'_ca a YbXYb'A cbUhY'k YfXYb YbhgW\Y]XYbX'XUZØf'gY]bž'k]Y'g]W\'X]YgY'JYfÀbXYfi b[Yb'Ui Z'X]Y 6Yj Ò`_Yfi b[']b'8Yi hgW\`UbX'Ui gk]f_Yb'k YfXYb"

B5;

8 Y hU] `c

6Ygi WXYb G]Y i bg Ui Z a Y]b!VYf`]b bYh