

GYY`YbVÀfYb. 'Hfcgh'ZØf'hfUi YfbXY'?]bXYf]b'@ØbYVi f[°

8]Y'BÀ\YfY]'j cb'GYY`YbVÀfYb']gh'Y]b'< YfnYbgdfc Y_h'j cb'Gi gUbbY DUgW\Y_"'G]Y'\Uh'g]W\'a]h'?Uh]'@XYW_Y'j ca 'Dfc Y_h' @]W\'hV`]W_ ni gUa a Yb[YhUbž'k Y`W\Yg'hfUi YfbXY'?]bXYf'i bX'\$! [YbX`]W\Y i bhYfghØhnh"'8 Ug'Dfc Y_h'V]YhYh'6YfUhi b['i bX'fY[Y`a À»][Y HfYZZYb'Ubž'VY]'XYbYb'VYhfcZZYbY': Ua]`]Yb'g]W\'Ui ghUi gW\Yb _\ObbYb''I a 'X]Y'6ÀfYb'ni 'YfghY``Ybž'k i fXYb'X]Y'9`hYfb'XYf'?]bXYf [YZfU[hž'cV'g]Y'?`Y]Xi b[gghØW_Y'XYf'JYfghcfVYbYb'gdYbXYb a OW\hYb''DUgW\Y_'\Uh'YXcW\'6YXYb_Ybž'X]YgY'VYgcbXYfYb ?`Y]Xi b[gghØW_Y'ni 'nYfgW\bY]XYbž']gh'UVYf'Ui W\'XUb_VUf'ZØf'X]Y ; YgW\]W\'hYb'i bX'9f]bbYfi b[Ybž'X]Y'YXYg'GhØW_'a]h'g]W\'Vf]b[h''

HfUi YfUfVY]h'i bX'Ya ch]cbU`Y'l bhYfghØhni b[

5_hi Y``Y'9f_Ybbhb]ggY'ni f'HfUi YfUfVY]h'a]h'?]bXYfb'Z]bXYb'g]W\
VY]gd]Y`gk Y]gY']b'Fc`UbX'?UW\`Yfg'6i W\'?]bXYf']a

J Yf`i ghgW\a Yfn'VY[`Y]hYb "'8 Ug'6i W\'f]W\hYh'g]W\'Ub

DgmW\ch\YfUdYi hYbz'GYY`gcf[Yf'i bX'HfUi YfVY[`Y]hYf'i bX

VY\UbXY`h'j YfgW\]YXYbY'5gdY_hY'XYf'HfUi YfVY[`Y]hi b["'9g

i a ZUggh'Y]bZ\\fYbXY'?Ud]hY``ni 'J Yf`i gh'i bX'HfUi Yf']b

i bhYfgW\]YX`]W\Yb'5`hYfg[fi ddYbz'gck]Y'dfU_h]gW\Y'5bg\hnY'ni f

I bhYfgh\temporal hin b['j cb'; Ygdf\haw\Yb'\temporal VYf'XYb'HcX"'\#bgVYgcbXYfY

k YfXYb'h\YfUdYi h]gW\Y'5_h]j]h\hYb'Z\temporal f'X]Y'HfUi YfUfVY]h'a]h

?]bXYfb'i bX'* [YbX`]W\Yb'j cf[YghY``h''8]Y'5i hcf]h\h'VYhcbhz'XUgg

J Yf`i gh'Ui W\ThfUi a Uh]gW\TgY]b'_Ubb'i bX'Ya dZ]Y\`h'gY]b'6i W\

XU\Yf'Z\temporal f': UW\Ti hY"'

8]Y 'HfUi Yf'j cb'?]bXYfb'j Yf'Ài Zh'b]W\h'`]bYUf/g]Y 'Xi fW\`Ui ZYb j YfgW\]YXYbY'D\UgYb'i bX'VYbÒh][Yb'XUVY]'ghUV]'Y
6Yni [gdYfgcbYb": U_hcfYb'k]Y 'XUg'5`hYfž'X]Y 'dYfgÒb`]W\Y'FY]ZY i bX'i bhYfghØhnYbXY'A U» bU\a Yb'gd]Y`Yb'Y]bY'YbhgW\Y]XYbXY
Fc``Y'XUVY]ž'k]Y'?]bXYf'XYb'JYf`i gh'Y]bYg'[Y`]YVhYb'A YbgW\Yb j YfUfVY]hYb"'?]bX[YfYW\hY'GdfUW\Y']gh']b'X]YgYa '?cbhYl h
VYgcbXYfg'k]W\h]["'9i d\Ya]ga Yb'k]Y'Y]b[YgW\`UZYb'_ObbYb
A]ggj YfghÀbXb]ggY'\Yfj cffi ZYb"'9]b'cZZYbYf'5i ghUi gW\']gh
YbhgW\Y]XYbXž'XUa]h'?]bXYf']\fY'HfUi Yf`Y]ghi b['Yf_`ÀfYb'i bX
Ui g`YVYb'_ObbYb"

F]hi U`Y`i bX`l bhYfghØhni b[`]a HfUi YfdfcnYgg

F]hi U`Y`i bX`; YXYb_U_h]j]hÀhYb`g]bX`YZZY_h]j Y`A]hhY`ži a `?]bXYfb ni `\Y`ZYbž'XYb`JYf`i gh`ni `j YfUfVY]hYb"\8]YgY\5_h]j]hÀhYb`gWXUZZYb Ghfi _hi f`i bX`i bhYfghØhnYb`XUg\5_nYdh]YfYb`XYf`YbX[Ø`h][Yb FYU`]hÀh`XYg`HcXYg"\9g`]gh`Ui WX`k]WXh][ž`Ui Z`X]Y`]bX]j]Xi Y``Yb HfUi YfdfcnYggY`XYf`?]bXYf`FØW_g]WXh`ni `bY\a Yb`i bX`]\bYb`X]Y NY]h`ni `[YVYbž'X]Y`g]Y`VYbÒh][Yb"

YbhgWXY]XYbX"'9fk UWXgYbYbY'6YhfYi Yf'gc``hYb'XUfUb'XYb_Ybž
XUgg'?]bXYf']b'j YfgWX]YXYbYb'5`hYfg[fi ddYb'i bhYfgWX]YX`]WX'Ui Z
HfUi Yf'fYU[]YfYb"'Gc'\UVYb'?`Y]b_]bXYf'GWXk]Yf][_Y]hYbž'XYb'HcX
ni 'j YfghY\Ybž'k À\fYbX'; fi bXgWXi`_]bXYf'VY[]bbYbž'X]Y
9bX[Ø`h][_Y]h'ni 'VY[fY]ZYb'i bX'¾[YbX`]WXY'_ca d`Yl YfY
Ya ch]cbU`Y'FYU_h]cbYb'nY][Yb"'8Ug'J YfghÀbXb]g'X]YgYf
I bhYfgWX]YXY'_Ubb'9fk UWXgYbYb'\Y`ZYbž'XYb'f]WXh][Yb'5bgUhn'ZØf; YgdfÀWXY'ni 'k À\`Yb'i bX'?]bXYf']b']\fYf'HfUi Yf'cdh]a U``ni
i bhYfghØhnYb"

K Yf'Ub'Y]bYa 'GYY`YbVÀfYb']bhYfYgg]Yfh']gh'cXYf'GhcZZY'ni f
J YfZØ[i b['ghY``Yb'a ÒW\hYž'_Ubb'Gi gUbbY'DUgW\Y_'X]fY_h'i bhYf'
gi gUbbY4 gYY`YbVUYf"XY'_cbhU_h]YfYb"'8]Y'6YXYi hi b['j cb
gc`W\Yb'dYfgÒb`]W\Yb'; Y[Ybgh\AbXYb'nY][h'g]W\'b]W\h'bi f']b'XYf
Ya ch]cbU`Yb'JYfV]bXi b['ni 'XYb'JYfghcfVYbYbž'gcbXYfb'Ui W\']b
XYf'ZÒfXYf`]W\Yb'I bhYfghØhni b['XYf'HfUi YfUfVY]h'ZØf'?]bXYf"

8 Y hU]`g	
Cfh	@ØbYVif[ž8YihgWX`UbX
Ei Y``Yb	• k k k "fYa gnY]hi b["XY
	• k k k "UYfnhYV`Uhh"XY
	• k k k "\]`ZY!]a !hc X Y g ZU``"X Y

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