

5`VYfh'j cb'GWX]fbX]b['VY[Y]ghYfh.'@Ygi b[]a '<c``Yf\Ui g'VY[Y]ghYfh'; ÀghY°

5`VYfh'j cb'GW\]fbX]b[žfYbca a]Yfhž'dfÀgYbh]YfhY'Ua'%)"

i b]'&\$&)']b' ≠gW\Yb\Ui gYb'5i ggW\b]hhY'gY]bYf'A Ya c]fYb

i bX'd'ÀX]YfhY'ZØf'BUhi fVYk i gghgY]b"



9]bY'GW\'ØggY`gnYbYž'X]Y'GW\]fbX]b[g'9f]bbYfi b[Yb'dfÀ[hYž'k Uf X]Y'9bhXYW_i b['Y]bYg'Yf\Àb[hYb'?f]Y[g\Y]a _Y\fYfgž'X]Y'VY]']\a Y]bYb'6Yk i gghgY]bgk UbXY`'Ui g`ÒghY'''5b'gY]bYa 'nY\bhYb; YVi fhghU['Ài » YfhY'Yf'XYb'K i bgW\'bUW\'XYf'6YZfY]i b['j ca BUh]cbU`gcn]U`]ga i g'i bX'XYa 'J cfk ÀfhgXfÀb[Yb'XYf Ua Yf]_Ub]gW\Yb'Gc`XUhYbž'X]Y'gW\`]Y»`]W\'gY]b'<Y]a Uh!GW\`cgg Ua 'DZ]b[ghk cW\YbYbXY'%-()'VYgW\`U[bU\a hYb'''8]YgY 9f`YVb]ggY'\ÀhhYb']\b'XUni 'VYk Y[hž'VYfY]hg']b'gY]bYf'\$! [YbX; YX]W\hY'ni 'j YfZUggYb'i bX'g]W\']bhYbg]j 'a]h'Ubgdfi W\gj c``Yf@]hYfUhi f'ni 'VYgW\AZh][Yb'''@Ui h'A Yf_i f'nY][hY'Yf'Ui W\i bj YfOZZYbh`]W\hY'HYI hY'Ui g'gY]bYf'gc[YbUbbhYb 8i b_Y`_Ua a Yf''

9]b @YVYb ZØf X]Y @]hYfUhi f

 $\label{eq:condition} 5 \text{ `VYfh'j cb'GWN } \text{ [fbX]b['k'ifXY'Ua''-"'5df]''%-'')']b'Y]bY'UXY'][Y'': Ua']']Y']b'FY[YbgVif['[YVcfYb'''8Yf'Gc\b'j'cb'C'hhc'?Uf''ibX' A Uf]Y'J]Whc]fY'j'cb'GWN]fbX]b['k'iWNg'UiZ'GWN `cgg'< Ufa Uh]b[']b XYf'; Ya Y]bXY'9[']b['UiZ''BUWN'XYa'5V]hif'Ua'5`hYb'; ma bUg]ia]b'FY[YbgVif['ghiX]YfhY'Yf'?`Ugg]gWNY'D\]`c`c[]Y']b'A ØbWNYb'ibX HØV]b[Ybž'VYj'cf'Yf'U`g'@Y\fYf'Ua''@Xk][g[ma'bUg]ia']b A ØbWNYb'ibhYff]WNhYhY'''GY]b'9b[U[Ya'Ybh']b'XYf'6]`Xib['k'Uf[YdfA][h'j'cb'Y]bYa''\ia'Ub]gh]gWNYb'5bgUhn'ibX'XYa''K]XYfghUbX[Y[Yb'_cbgYfjUh]j'Y'HYbXYbnYb']b'XYf'6]`Xib['gdc']h]_ž'k']Y'UiZ'K]_]dYX]U'ni''YgYb']gh''$

6YgcbXYfg'VYa Yf_Ybgk Yfh'g]bX'gY]bY'K Yf_YžX]Y'j cb'Y]bYf

J]Y`nU\``j cb'; YX]W\hYb'V]g'\]b'ni '9ggUmg'i bX'9f]bbYfi b[Yb

fY]W\Yb"\Ni 'gY]bYb'VY_UbbhYghYb'Di V`]_Uh]cbYb'nÀ\`Yb

: U`hYfni [ž' A]h'UbXYfYb'5i [Yb 'i bX'gY]bY'Øb[ghYb

@mf]_gUa a `i b[Yb' < O\YfghY][Yb 'i bX' 5`hYf'A Ubbž'k Ug'bi b3 ž

X]Y'X]Y'H\Ya Yb'5`hYf'i bX'JYf[Àb[`]W_Y]h'VY\UbXY`b"'5i W\'U`g

<YfUi g[YVYf'\Uh'GW\]fbX]b['g]W\'Y]bYb'BUa Yb'[Ya UW\hž'Yhk U

Xi fW\'X]Y', VYfUfVY]hi b['XYf'@mf]_!5bh\c`c[]Y' 8Yf'9k][Y

6fi bbYb 'i bX'U`g'?ca a YbhUhcf'j cb'K Yf_Yb'VYXYi hYbXYf

5i hcfYb'k]Y'@Ygg]b['i bX'H\ca Ug'A Ubb"'@Ui h'@]hYfUhi fdcfhU`
6UmYfb'k Uf'Yf'ni XYa 'j cb'%-' %'V]g'\&\$\$' '@Y]hYf'XYf

@]hYfUhi fUVhY]`i b['Ub'XYf'6UmYf]gW\Yb'5_UXYa]Y'XYf'GW\ObYb

?i`hi fY``Yg'9b[U[Ya Ybh'i bX'dYfgÒb`]WXY A ca YbhY

 $8]Y`@Ygib[`YbXYhY`a]hY]bYa``\Yfn`]WXYb`AcaYbh; Ugh[YVYf]b\\@]U`GW\bY]XYf!GhÒW_``ØVYffUgW\hY`GW\]fbX]b[`a]hY]bYf\\j YfgdÀhYhYb; YVifhghU[ghcfhYžibX`X]Y`Ubk YgYbXYb; ÀghYgUb[Yb`]\a`Y]b`GhÀbXW\Yb"`Gc`WXY`5i[YbV`]W_Y`g]bX`Ygž`X]Y`X]YJYfV]bXib[`nk]gWXYb`5ihcfibX`DiV`]_ia`ghÀf_Yb`ibX`XUg`]hYfUf]gWXY`9fVY``YVYbX][`\U`hYb"`5`g`gY]bY`6]c[fUZ]Y`nY][hžYb[U[]Yfh`g]WX`jcb`GWX]fbX]b[`b]WXh`bif`]b`XYf`@]hYfUhifž`gcbXYfbUiWX`ZØfY]bY`jYfUbhkcfhib[gjc``Y`bUhifVYkigghY`<U`hib[ž`Y]bH\YaUž`XUg`]\a`VYgcbXYfg`Ua`<YfnYb``]Y[h'$

A]h'gY]bYf'VYY]bXfi W_YbXYb'@YVYbg[YgWk]WkhY'i bX'XYb
nU\`fY]WkYb'`]hYfUf]gWkYb'K Yf_Yb'\Uh'5`VYfh'j cb'GWk]fbX]b['b]Wkh
bi f'X]Y'VUmYf]gWkYž'gcbXYfb'Ui Wk'X]Y'XYi hgWkY
@]hYfUhi f`UbXgWkUZh'bUWk\U`h]['[YdfÀ[h''GY]b'i bYfa ØX`]WkYf
9]bgUhn'ZØf'6]`Xi b['i bX'?i `hi f']gh'Y]b'6Y]gd]Y`'XUZØfž'k]Y
j]Y`gWk]Wkh]['i bX'VYfY]WkYfbX'XUg'@YVYb'Y]bYg'GWkf]ZhghY``Yfg
gY]b'_Ubb"

8 YhU]`g	
Cfh	≢gWXYb\UigYbž8YihgWX`UbX
EiY``Yb	• k k k "a Yf_i f"XY
	XY"a "k]_]dYX]U"cf[
	k k k "`]hYfUhi fdcfhU`!VUmYfb"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'bU[!VUmYfb "XY