

BUWN: $fUbW]bY \propto fX]g \cdot 5VgWX]YX. ? Y \setminus fh$ 5bXm 6cf['ni f'G]'j YghYfg\ck 'ni f $ØW_3$

a 'XYi hgWXYb': YfbgY\Yb'[]Vh'Yg']a a Yf'k]YXYf'Ui ZfY[YbXY K YbXi b[Ybž'X]Y'gck c\`'X]Y'?i `hi fgnYbY'U`g'Ui W\'X]Y Ni gWXUi YfgWXUZh'VYhfYZZYb"'9]bY'U_hi Y``Y'9bhk]W_`i b['XfY\h'g]WX i a 'X]Y'VY`]YVhY'HJ!G\ck '8]Y'[fc»Y'G]`j YghYfg\ck 'i bX'X]Y'g]WX j YfÀbXYfbXY'A cXYfUhcfYbgWXUZh"'8UVY]'k]fX'X]Y': fU[YUi Z[Yk cfZYbž'kY`WXYb'9]bZi gg'X]YgY'JYfÀbXYfi b[Yb'Ui Z'X]Y GWX`U[Yfk Y`h'i bX'X]Y': Ubg'\UVYb'_ÒbbhYb"

8Yf 5VgWX]YX j cb : fUbW]bY xfX]. '9]b K YbXYdi b_h]b XYf HJ!@UbXgWX UZh

 $: fUbW]bY : \&cfX] \check{z}'Y]bY : VY_UbbhY : DYfg \grave{o}b`]WX_Y]h`]b : XYf`GnYbY\check{z}` \ Uh j \ cf'_i fnYa :] \ fYb : F @W_hf]hh'j cb : 8]Y : [fc \ Y : G]`j YghYfg \ ck \ VY_Ubbh[Y[YVYb"' \= \ f'9bXY'bUWX : bYi b : \$J\ fYb : a cXYf]YfYbXYb 9b[U[Ya Ybhg`\ Uh'b]WX h'bi f']b : XYb : gcn]U`Yb : A YX]Yb \check{z}'gcbXYfb Ui WX :]b : XYf : UWX k Y`h'\c\Y'K Y``Yb : [YgWX`U[Yb"', VYf'X]Y : \$J\ fY \ Uh'g]Y : g]WX : Y]bYb : ZYghYb : D`Uhn :]b : XYb : < YfnYb : XYf`Ni gWX Ui Yf YfcVYfh'i bX :]gh'bi b : ni f@W_[YhfYhYb \ z'k Ug': fU[Yb : @VYf'X]Y : Ni _i bZh XYf`G\ck : Ui Zk]fZh"$

< Ubg'G][`i bX'X]Y'I bg]W\Yf\Y]h'XYf A cXYfUh]cb</pre>

BUWX XYa '5V[Ub['jcb'xfX]']gh'bi b'<Ubg'G]['ž'VY_Ubbh'Ui g'XYf

GYf]Y' 8Yf'6Yf[Xc_hcf ž'Ub'XYf'FY]\Yž'X]Y'AcXYfUh]cb'ni ØVYfbY\aYb"'9g'V`Y]Vh'YXcW\ib_`Ufž'cV'Yf'U``Y]b'kY]hYfaUW\Ybk]fX'cXYf'Y]bYb'bYiYb'7c!AcXYfUhcf'Ub'gY]bYf'GY]hY'VfUiW\h"8]YgY'Ibg]W\Yf\Y]h'_ÒbbhY'UiW\'X]Y'NigW\UiYf'ibX']\fY'6]bXib[nif'G\ck'VYY]bZiggYb"

8]Y'FØW__Y\f'j cb'5bXm'6cf[.'<]ghcf]gW\Y Ni gUa a Yb\Àb[Y

8]Y' GW\`U[Yf!GdU» !ŸfU'i bX']\fY 6YXYi hi b[

5b'XYb'V]g\Yf][Yb'K YbXYdib_hYb']gh'ni 'Yf_YbbYbž'XUgg'X]Y G\ck 8]Y'[fc»Y'G]'j YghYfg\ck g]W\']b'Y]bYa 'ghÀbX][Yb'K UbXY`VYZ]bXYh"5`g' A i g]_UbhYbghUX` 'k Uf'g]Y''U\fY`Ub['Y]bY'ZYghY; fÒ»Y']a 'XYi hgW\Yb': YfbgY\Ybž'VYj cf'l a ghfi_hi f]Yfi b[Yb'i bXX]Y'<YfUi gZcfXYfi b[Yb'bYi Yf': cfa Uh]XYYb'a]h'g]W\'VfUW\hYb" 8Yf'FØW_[Ub['XYf'9]bgW\U`hei chYb'i bX'X]Y'ŸbXYfi b[Yb']b'XYf A cXYfUh]cb'g][bU`]g]YfYbž'XUgg'X]Y'GYbXi b['g]W\'UbdUggYb'a i ggžia 'k Y]hYf\]b'fY`Yj Ubh'ni 'V`Y]VYb"

9]b '6`]W_'Ui Z'X]Y 'Ni _i b Zh'XYf'GW\`U[Yf_i `hi f

 $8]Y'A O[`]WX_Y]h\check{z}'XUgg'5bXm'6cf['nif@W__Y\fYb'_ObbhY\check{z}'nY][hb]WXh'bif'XUg'DchYbn]U`'ZØf'Y]bY'bcghU`[]gWXY'F@W_VYg]bbib[\check{z}gcbXYfb'UiWX'X]Y'<YfUigZcfXYfib[Yb\check{z}'a]h'XYbYb'X]Y'XYihgWXY:YfbgY\ibhYf\U`hib['_cbZfcbh]Yfh']gh''K]Y'NigWXUiYf'UiZ'X]YgY$

 $\label{eq:continuous} $$JYfAbXYfib[Yb`fYU[]YfYb`k YfXYbž`V`Y]Vh`UVnik UfhYb":8]Y$$GWX`U[Yf_i`hif`\Uh`]a a Yf`Y]bY`Yb[Y`JYfV]bXib[`ni`]\fYb`GhUfgibX`XYfYb`; YgWX]WX hYbž`ibX`X]Y`bAWX ghYb`GWXf]hhY`]b`XYfAcXYfUh]cb`_ObbhYb`YbhgWXY]XYbX`ZØf`X]Y`9bhk]\W_`ib[`X]YgYfkYfhjc``Yb`HfUX]h]cb`gY]b"$

 $8]Y T bg]WXYfY]h'ØVYf'X]Y'Ni _i bZh'j cb' 8]Y T fc Y TG] Y YghYfg ck VY]Vhž'k Å\fYbX'XUg'Di V`]_i a T [YgdUbbh'Ui Z'X]Y'bÅWXghY'9d]gcXY i bX'X]Y'a Õ[`]WXYb'6YgYhni b[gk YWXgY`'k UfhYh''CV'5bXm'6cf[Y]bY'k]f_`]WXY'F ØW__Y\f']b'6YhfUWXh'n]Y\h'cXYf'b]WXh' TY]bYg']gh _`Uf. 18]Y'J YfV]bXi b['nk]gWXYb'G\ck' i bX'Di V`]_i a "V`Y]Vh'j cb [fc Yf'6YXYi hi b['ZØf'X]Y'BUWX\U`h][_Y]h'XYf'XYi hgWXYb GWX`U[YfhfUX]h]cb''$

B 5;

 $8YhU]^g$

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