

5`YI UbXYf`Nj YfYj `bUWX`I G`CdYb! J]YfhY`Z]bU`Y. : i » j Yf`Yhni b['b]WX h gWX`]a a °

5`YI UbXYf`Nj YfYj `[]Vh`bUW\`I a _b]W_Yb`VY]`XYb`I G`CdYb 9bhk Ufbi b[.: 5``Yg`]b`CfXbi b["'9f`hf]ZZh`]a `J]YfhY`Z]bU`Y Ui Z'HUm`cf': f]hn"

5 YI UbXYf Nj YfYj '\ UhrbUW\ 'gY]bYa 'Ui ZfY[YbXYb'J]YfhY`Z]bU`gd]Y`
VY]'XYb'I G'C dYb'ZØf'9f`Y]W\ hYfi b['[Ygcf[h"8YfXYi hgW\Y
HYbb]gghUf'Yf_`ÀfhYž'XUgg'a]h'gY]bYa 'fYW\ hYb': i » 'bUW\ 'Y]bYa
I a _b]W_Yb'k À\fYbX'XYg'Gd]Y`g'U``Yg']b'C fXbi b['gY]"'8 Ug'A UhW\
[Y[Yb'XYb'5a Yf]_UbYf'6fUbXcb'BU_Ug\]a U'YbXYhY'a]h'Y]bYa
_`UfYb'' .* ž'* .% ž'* .& ž'* .& ini [i bghYb'j cb'Nj YfYj "'8 Yf'J cfZU``
YfY][bYhY'g]W\ ']a 'j]YfhYb'GUhnž'U`g'XYf'C`ma d]Ug]Y[Yf'j cb'&\$&%
Y]bYb'i b[Yk O\b']W\ Yb'GW\ f]hh'a UW\ hY'i bX'_i fnnY]h]['\i a dY`hY''

\[
\[
\]\W\ '\UVY'Y]bYb'_ca]g\W\ Yb'GW\ f]hh'[Ya UW\ hž'V]b'`Y]W\ h
i a [Y_b]W_h"'5VYf'Yg']gh'U``Yg']b'CfXbi b[ž'b]W\ hg'k cfØVYf'a Ub
g]W\ 'gcf[Yb'a i gg ž'VYfi\][hY'Nj YfYj 'gY]bY': Ubg'bUW\ 'XYf
Ui ZfY[YbXYb'DUfh]Y''

I a gc k]Wkh][Yf]ghYgZØfNjYfYj žXUggYfbUWkgY]bYfgWkYfYb?bOWkYjYfYhnib[VY]XYb:fYbWCdYb&\$&&nifØW_UiZXYaD`Uhn]gh"8UaU`gaigghYYfg]WXY]bYfCdYfUh]cbiibhYfn]Y\YbiibXZ]Y`acbUhY`Ub[Uig"8]YgY'9fZU\fib[Yb'\UVYb'gY]bY'9]bghY``ib[nia'Gd]Y`ibX`ni'JYfYhnib[Yb'XYih`]WX'[YdfÀ[h"

8]Y'UbghY\YbXY'<YfUi gZcfXYfi b['[Y[YbHUm`cf': f]hn

A]h'XYa 'YfZc`[fY]W\Yb'6YYbXYb'gY]bYg'J]YfhY`Z]bU`Yg'\Uh'g]W\Nj YfYj 'Ui W\'ZØf'X]Y'5HD':]bU`gž'X]Y']a 'Bcj Ya VYf']b'Hi f]b

 $ghUhhZ]bXYb^*k YfXYb^*z^*ei U^*]Z]n]Yfh''^*8]Yg^*k i fXY^*j cb^*XYf^*5HD^*bUWk gY]bYa^*G]Y[^*VY_Ubbh^*[Y[YVYb''^Nj YfYj^*k]fX^*]a^*< U^*VZ]bU^*Y^*Ui Z XYb^*I G!DfcZ]^*HUm^*cf^*: f]hn^*hfYZZYb^*z^*[Y[Yb^*XYb^*Yf^*]b^*X]YgYf^*GU]gcb^*VYfY]hg^*]a^*K]a^*V^*Yxcb!5WkhY^*Z]bU^*Y^*j Yf^*cfYb^*k UhhY''^8Ua^*U^*g^*d^*U[hY]kb^*Y]bY^*?b]Yj Yf^*Yhni b[^*Ui g^*Y]bYa^*ZfØkYfYb^*A UhWk^*z^*X]Y^*gY]bY^*@Y]ghi b[^*VYY]bhfAWkh][hY''^* <math>\Rightarrow$ Yhnh^*V]b^*]Wk^*[Ygi bX^*z^*XUg^*]gh^*XYf^*[fc^*Y]bhYfgWk]YX^*z^*VYhcbhY^*XYf^*&+!^*A^*kf][Y^*<Ua^*Vf^*ghfY]Wkh^*

Nj YfYj g'7ca YVUW_'\Uh'ZØf'j]Y``5i ZgY\Yb'[Ygcf[hž'XU'Yf'bUW\gY]bYf'J Yf`Yhni b['k]YXYf'ni f': cfa 'Z]bXYh'i bX'[Y[Yb'ghUf_Y ?cb_i ffYbhYb'UbhfYhYb'_Ubb"'GY]b': c_i g'`]Y[h'bi b'XYZ]b]h]j 'Ui Z XYf'_ca a YbXYb'< YfUi gZcfXYfi b[']b'BYk 'Mcf_ž'k c'Yf'gY]bY: À\][_Y]hYb'i bhYf'6Yk Y]g'ghY``Yb'_Ubb"'8]YgYf'5i ZgWk k i b[']a @Y]ghi b[ggdcfh']gh'b]Wk h'bi f'ZØf'Nj YfYj ž'gcbXYfb'Ui Wk'ZØf'gY]bY 5b\Àb[Yf'j cb'[fc > Yf'6YXYi hi b['i bX'nY][hž'XUgg'Yf'X]Y'gWk k YfYb NY]hYb'\]bhYf'g]Wk'`UggYb'a ÒWkhY"

8 YhU]`a

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