

? UbUf]gW\Y'=bgY`b']b'; YZU\f. , VYfhcif]gaig'VYXfc\h'@YVYbgeiU`]hÀh°

8 Yf 5 fh]_Y``VY`Yi W\hYh`X]Y`< YfUi gZcfXYfi b[Yb`XYg VYfhci f]ga i gžgY]bY`5i gk]f_i b[Yb`Ui Z'I a k Y`h'i bX @YVYbgei U`]hÀh`gck]Y`a O[`]W\Y`@Ogi b[gUbgAhnY"



9]b'dfÀ[YbXYg'6Y]gd]Y`'ZØf'X]YgY'DfcV`Ya Uh]_'g]bX'X]Y

?UbUf]gWXYb *\DgY`b" <]Yf``YVYb Yhk U *\Z&`A]``]cbYb '9]b\Y]a]gWXYZ k À\fYbX`]a *\J\f`&\\$&\VYY]bXfi W_YbXY`%) \(\Z\hat{A} \]``]cbYb 'Hci f]ghYb X]Y *\DgY`b 'VYgi WX hYb" \(8 \]YgYf`Ybcfa Y 'Ni ghfca 'j cb '6Ygi WX Yfb hfÀ[h`nk Uf`\OVYf`Y]b '8 f]hhY``ni f`K]fhgWX UZh`XYf`? UbUfYb 'VY]\(\Z'\hat{A} \) 'YxcWX _ca a h`XYf`Bi hnYb'j cfbY\a `]WX '[fc >\text{Yb} *\Dj YghcfYb'ni [i hY" Ni XYa 'Z\O\fh`XYf`5bgh]Y['j cb '? i fnnY]hj Yfa]Yhi b[Yb'ni 'Y]bYa U_i hYb'K c\bfUi a a Ub[Y``i bX'ghY][YbXYb'A]YhYb\(\Z'\hat{A} \) 'YgWX\AfZh k YfXYb"

I a k Y`hUi gk]f_i b[Yb i bX F Yggci fWYbj YfVfUi W\

8]Y`lakY`hZc`[Yb`XYg`a Ugg]jYb`Hcif]gaig`g]bX`YVYbZU``g`b]W\hni ØVYfgY\Yb.`@Àfaž`AØ``ž'JYf_Y\fgghUig`ibX`X]Y`,VYfbihnib[jcb`K UggYffYggcifWb`g]bX`U``hÀ[`]W\Y`6Y[`Y]hYfgW\Y]bib[Yb"K À\fYbX`lf`UiVYf`]b`j]Y`Yb`:À``Yb`XYih`]W\aY\f`K UggYf_cbgia]YfYb`U`g`X]Y`UbgÀgg][Y`6YjÒ`_Yfib[ž`\Uh`X]YgYf[YghY][YfhY`FYggcifWbjYfVfUiW\]b`Y]b][Yb`FY[]cbYb`niYfbgh\UZhYb`DfcV`YaYb`[YZØ\fh"`9]b`6Y]gd]Y``\]YfZØf`]gh`AU``cfWUžkc`Y]b[Y`Y]hYhYg`5VkUggYf`X]Y`YadZ]bX`]W\Yb`GYY[fUgk]YgYb[YZÀ\fXYh"

8]Y'5i gk]f_i b[Yb'j cb'6]``][Z'Ø[Yb'i bX ?fYi n7U\fhYb

6]``][Zi[Ub[YVchY'ibX'X]Y'XUa]h'jYfVibXYbY'9f\Ò\ib['XYgFY]gYjYf_Y\fg'\UVYb'X]Y'9bhghY\ib['jcb'Hcif]gaig!<chgdchg

[YZÒfXYfh" ** gVYgcbXYfY ?* fYi nZU\fhgW\]ZZY 'VY`UghYb 'X]Y `c_U`Y ** DZfUghfi _hi f'Yf\YV`]W\ž'\]bhYf`UggYb 'YXcW\'bi f'VY[fYbnhY k]fhgW\UZh`]W\Y'JcfhY]`Y'j cf'Cfh" 5i W\'XUg'D\Abca Yb'XYg' GYh\\Yhh]b[g ž'VY]'XYa '8fY\cfhY'VY`]YVhYf'GYf]Yb'i bX':]`a Y nU\`fY]W\Y'Hci f]ghYb'Ubn]Y\Ybž'\Uh'ni 'Y]bYa '5bgh]Y['XYf6Ygi W\YfnU\`Yb'Ub'X]YgYb'CfhYb'[YZØ\fhž'k]Y'VY]gd]Y`gk Y]gY']b A Ui]ž'G]n]`]Yb'cXYf'8i Vfcj b]_"

I a 'XYb'<YfUi gZcfXYfi b[Yb'XYg', VYfhci f]ga i g
Ybh[Y[Ybni k]f_Ybž'j Yfgi WXYb'j]Y`Y'GhÀXhYž'k]Y'JYbYX]['cXYf
@]ggUVcbž'Xi fWX'Ni [Ub[gVYgWXfÀb_i b[Yb'Y]bY'FYXi n]Yfi b['XYf
6Ygi WXYfnU\`Yb'ni 'YffY]WXYb'''9]b'dcg]h]j Yf'5bgUhn'_ca a h'Ui g
?cdYb\U[Ybž'k c'i a k Y`hZfYi bX`]WXY'5bfY]gYb'VY`c\bh'k YfXYbž
]bXYa 'FY]gYbXY'_cghYb`cgY'5b[YVchY'Yf\U`hYb'''Hfchn'X]YgYf
6Ya Ø\i b[Yb'[]Vh'Yg'V]g\Yf'_Y]bY'Y]b\Y]h`]WXY'@Ògi b['ni f
6Y_Àa dZi b['XYg', VYfhci f]ga i gž'i bX'X]Y'5bgÀhnY'ni f
6Ygi WXYf'Yb_i b['i bX'!j YfhY]`i b['V`Y]VYb'j]Y`ZÀ`h]['i bX
]bX]j]Xi Y``"

: Øf'k Y]hYfZØ\fYbXY' ⇒ Zcfa Uh]cbYb' ØVYf'X]Y'5i gk]f_i b[Yb'i bX < YfUi gZcfXYfi b[Yb'XYg'Hci f]ga i g'gW\Ui Yb'G]Y'[YfbY']b'X]YgYb 6Yf]W\h'j ca '8 Yi hgW\Yb'K Y``Y'cXYf'X]Y'6fcgW\ØfY'XYg' I a k Y`hVi bXYgUa hYg"

8 Y hU]`g	
Cfh	A U``cfWUž'GdUb]Yb
EiY``Yb	• kkk"Xk"Wca
	• k k k "i a k Y`hVi bXYgUa h"XY

6Ygi WXYb G]Y i bg Ui Z Y]bY!fY]gY "XY