

Nk Y] 'J Yf_Y\fgi b ZÀ``Y ']b '9fX]b['Ua '\$ ("\$+"&\$&) ž'j Yfi fgUW\h Xi fW\'J cfZU\fhga]ggUW\hi b["'J Yf`YhnhY'i b X 'Yf\YV`]W\Yf GUW\gW\UXYb"



9]hh]b[ž·8 Yi hgW `Ub X ·I·5a ·8 cbbYfghU[a cf[Ybž·XYa ·("·¾ `] &\$&) ž·_Ua ·Yg·]b·9fX]b[·ni ·Y]bYa ·J Yf_Y\fgi bZU``ž·XYf·ZØbZ

A YbgW\Yb·j Yf`YhnhY i bX·XYb·9]bgUhn·j cb·Bch\Y`ZYfb·YfZcfXYfhY"

; Y[Yb·+.' \$·I \fik c``hY·Y]b·&*! A\f][Yf: U\fYf`Ui g·XYa ·Ògh`]W\Yb
@UbX_fY]g·a]h·gY]bYa ·A]b]·7ccdYf`bUW\``]b_g·]b·Y]bY·9]bZU\fh
UVV]Y[Yb·i bX·ØVYfgU\`XUVY]·Y]bYb·Ybh[Y[Yb_ca a YbXYb·: cfX

:]YghU"·♣·X]YgYa ·: U\fnYi [·VYZUbXYb·g]W\`Y]bY·(\$!A\f][Y·A i hhYf
i bX·]\fY·XfY]·?]bXYfž·k c\b\UZh·]a ·bÒfX`]W\Yb·@UbX_fY]g"·8Yf
Ni gUa a Ybghc» ·ZØ\fhY·ni ·`Y]W\hYb·J Yf`Yhni b[Yb·VY]·U``Yb·ZØbZ
I bZU``VYhY]`][hYb"

 $: \varnothing f`XYb`I bZU``j Yfi fgUW\Yf`YbXYhY`XYf`HU[`]a `?`]b]_i a `9fX]b[\check{z} k \grave{A} fYbX`X]Y` = bgUggYb`XYg`: cfX`]bg`?`]b]_i a `: fY]g]b[`[YVfUW\h$

 $\label{lem:kifxyb"8Yf"; YgUa hgWwwxyb"xyg"I bZU``g'VY`Ài Zh`g]Ww``Ui Z'Yhk U ("$$$'9i fcž`Y]b'6YhfU[ž`XYf']b'5bVYhfUWwh`XYf`VYhY]`][hYb: U\fnYi [Y'b]Wwh'i bYf\YV`]Ww']gh"8]Y'9fa]hh`i b[Yb'XYf'Dc`]nY] g]bX'U_hi Y```bcWw']a '; Ub[Y'i bX'_\ObbhYb'k Y]hYfY'\danger Zcfa Uh]cbYb ni hU[Y'Z\OfXYfbž'X]Y'Z\Øf'X]Y'JYf_Y\fgg]WwYf\Y]h'j cb'6YXYi hi b[g]bX''$

$K Y]hYfY'I bZU``Ui ZbU\a Y']b'9]hh]b[$

8 Y hU]`g	
Cfh	9]hh]b[ž8YihgWX`UbX
EiY``Yb	• k k k "YX!`]j Y"XY
	• k k k "a Yf_i f"XY
	k k k "XYghUh]g"XY

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