

## 2:6!7id.'5`hUW\ZY]Yfh'?UbhYfg]Y['[Y[Yb 8cfbV]fb''9]b'HfUiaghUfh°

 $8Yf^2:6!7id^*\&\$\&$ ) 'ghUfhYh']a '\$\`]'a ]h'gdUbbYbXYb'8iY\`YbžXUfibhYf'G7F'5\`hUW\'[Y[Yb'GJ'<]fgWkUb['ibX':7'8cfbV]fb [Y[Yb';5?"



8 c b Ui ZY`X ž'² ghY ffY]W '! '8]Y 'J cfZfYi XY 'Ui Z'XY b '² : 6!7 i d ']gh']b ² ghY ffY]W '[ fc » "' + b 'Y hk Ug'a Y\f'U`g'ZØbZ'K c W Ybž'j ca '&) "'V]g'&+" \* i ']ž'k ]fX 'XY f' 6 U```]b 'XY f'Y fghY b 'F i b XY 'fc ``Y b "' A ]h ']bg[ YgUa h g]Y VY b @ Ab X`Y!? `i Vgž'X Uf i b hY f'Ui W 'XY f' 6 i b XY g`][ ]gh'G 7 F '5 `h U W ž k ]fX 'Yg'gd Ub b Yb X 'n i 'gY\Y b ž'k ]Y 'g]W 'X]Y '\Y]a ]gW Yb A Ub b gW \ UZhY b 'gW `U[ Yb 'k YfXY b "' + b hY fY ggUb h'k ]fX 'b]W h'b i f'gY]b ž c V 'X]Y '? `i Vg']\ fY ``Y hn hY '7 i d!B]Y XY f`U[ Y'j Yf[ YggY b 'a U W Y b \_ ObbY b ž'gc b XY fb 'Ui W ž'k ]Y 'g]Y '[ Y[ Yb 'X]Y 'hY]`g'i b V Y \_ Ub b hY b '\ Y[ b Yf 'XY f'i b hY fY b '@][ Yb 'V YghY\Y b "

@YhnhYgʻ\J\f`k UfʻZØf`X]Y`HYUa gʻUi gʻJcfUf`VYf[ 'Y]b`Y\Yf Xi fWkk UWkgYbYgʻ\J\f`]a '2:6!7i d"'Bi fʻGK '6fY[Ybn'i bX`5i ghf]U @i ghYbUi 'gWkUZZhYb`XYb`Gdfi b[ ']b`X]Y`nk Y]hY`Fi bXYž'k À\fYbX 5`hUW.']a 'Jcf'U\f'[Y[Yb'8cbUiZY`X'gW.Y]hYfhY"'BYc!
Gdcfh\_ccfX]bUhcf'9f]WCf]Y'`]Y»']b'Y]bYf'U\_hiY``Yb'GhY``ib[bU\aY\_Y]bYb'NkY]ZY``XUfUbž'XUgg'X]Y'DUfh]Y'[Y[Yb'GJ'<]fgW.kUb['UigXYf'&"'@UbXYg`][U'Cgh'ZØf'5`hUW.'Y]b'Aigg']gh"' K]f'a ØggYb'XUgGd]Y``[Yk]bbYb ž'gc'Cf]Y'VYgh]aah"

## 8]Y DUfh]Yb XYf YfghYb Fi bXY

8]Y 'YfghYb'6Y[Y[bib[Yb'XYg'7idg'j YfgdfYWXYb'Y]b][Y]bhYfYggUbhY'8iY``Y"'<]Yf'X]Y 'DUUfib[Yb'XYf'YfghYb'FibXY'UiZY]bYb'6`] $\underline{W}$ .

- GJ '< ]fgW\ k Ub [ ' 'G7F '5 `hUW\
- I J 6 J ÒW\_`Ua Uf\_h' 'GK '6fY[Ybn
- GJ ?i W ` '5i ghf]U @ ghYbUi
- : 7 8 cfb V ]fb ; 5?
- GJ; 'FY]W\YbUi 'JZ6'<c\YbYa g
- : 7 D]bn[Ui 'G7 F Oh\]g
- : 7 @Ui hYfUW ' 'G7 'GW k Un

6YgcbXYfg`gdUbbYbX`k]fX`XUg`AUhW\`nk]gW\Yb`: 7`8cfbV]fb`ibXXYa; 5?žXYa`gW\kYfghYbž'UVYf`UiW\`UhhfU\_h]jghYb`@cg`ZØf`X]YJcfUf`VYf[Yf"`8Ug`HYUa`jcb`8cfbV]fb`k]fX`U``Yg`XUfUb`gYhnYbžXYa`: Ujcf]hYb`Y]b`6Y]b`ni`ghY``Yb"

## 8]Y'5i g[Ub[g`U[Y'XYf'JcfUf`VYf[Yf

5a  $`\&\$": $\downarrow b] `\&\$\&) `V`Y]Vh'X]Y : fU[Yž'cV'X]Y '@ÅbX`Y!?`i Vg'Ui g']\fYf `Yhnh'À\f][Yb'9fbØW\hYfi b['[Y`Yfbh'\UVYb"'9]b'[i hYg'<ÅbXW\Yb]gh'[YZfU[hž'i bX'j]Y``Y]W\h'nUi VYfh'XYf'^2 : 6!7i d'XYb'Y]bYb'cXYf$ 

 $\label{thm:condition} $$ UbXYfYb: i * VU``hfUi a 'k ]YXYf`Ui Z'XYb`D`Uhn"`6Y]bU\Y`k ]Y`Y]b $$ DZ]WX hgd]Y``Yf`YVYb`_ObbhY`G7F`5`hUWX`X]Y`< YfUi gZcfXYfi b[ ' 'X]Y $$ dcg]h]j Yb`Gh]a a Yb`]b`XYf`A UbbgWXUZh`g]bX`XYi h`]WX`ni `\OfYbž`i bX X]Y`F\OW__Y\f`j cb`5bXfYUg`@]Yb\Ufh`i bX`\Jb`Nk ]gWXYbVfi [ [ Yf bUWX`JYf`Yhni b[ gdUi gYb`[ ]Vh`XYf`A UbbgWXUZh`ni gA`hn`]WX`5i Zhf]YV"$$$$ 

8 Ugʻ5 VYbhYi Yfʻ²: 6!7i dʻghY\hʻj cfʻXYfʻHØfYžʻi bXʻX]Y ÒghYffY]WX]gWXYbʻ: i » VUʻ`ZUbgʻ\_ÒbbYbʻg]WXʻUi ZʻgdUbbYbXYʻDUfh]Yb ZfYi Yb"ʻ9gʻV`Y]Vhʻni `\cZZYbžʻXUggʻX]YʻJcfUf`VYf[ YfʻHYUa gʻ\Ò\Yf \]bUi gʻk c``YbʻUʻgʻ]a ``YhnhYbʻ\J\fʻi bX`XYfʻY]bYʻcXYfʻUbXYfY : i » VU``nk Yf[ 'Ui gʻXYfʻi bhYfYbʻ@][ UʻUi ZʻXYbʻ?cdZʻ[ YghY``hʻk ]fX"

: Øf`X]Y`bYi YghYb`±bZcfa Uh]cbYb`i bX`9bhk ]W\_`i b[Yb`fi bX`i a `XYb

2 : 6!7i d`ghY\h`XYf`Gdcfh]bhYfYgg]YfhY`VYghYbg`a ]h`XYb`6Yf]W\hYb
j cb`? fcbY`i bX`@Uc`U%`]a `6]`XY"

8 YhU]`g	
Cfh	8 c b U i ZY`X ž <sup>·2</sup> ghY ffY]W
EiY``Yb	<ul><li>k k k "_fcbY"Uh</li></ul>
	• k k k "`Uc`U%"Uh

6 Ygi W Yb 'G]Y 'i bg 'Ui Z 'a Y]b!k ]Yb "b Yh