

## GWX k YfYf'I bZU``'VY]'A cf]hnVi f[.: fUi j Yf`Yhnhž: U\fnYi [ HchU`gWX UXYb°

GW.k YfYf'J Yf\_Y\fgi bZU```Ui Z'XYf'G', %'VY]'A cf]hnVi f[.: U\fYf]b'j Yf`Yhnhž'F Yhhi b[g\_fÀZhY']a '9]bgUhnž'I bZU``i fgUW\YYfa ]hhY`h"



A cf]hnVi f[ ž'8 Yi hgW `Ub X'!'9]b'gW k YfYf'J Yf\_Y\fgi bZU``
YfY][ bYhY'g]W `Ua `GUa ghU[ bUW a ]hhU[ `Ui Z'XYf'GhUUhgghfU» Y', %
nk ]gW Yb'8 fYgXYb'i bX'A cf]hnVi f[ "'@Ui h'XYb'6Yf]W hYb'j cb'
GÀW g]gW Y"XY'dUgg]YfhY'XYf'I b[ `ØW\_gZY`X'[ Y[ Yb'%( .%\$'I \f']b
<Ò\Y'j cb'6cl XcfZ" < ]Yf'\_Ua `Y]b': U\fnYi [ 'j cb'XYf': U\fVU\b'UVž
fUghY']b'XYb'GhfU» Yb[ fUVYb'i bX'dfU``hY'gW `]Y»`]W `[ Y[ Yb'Y]bYb
6Ui a "

8 Ugʻl b[`ØW\_'bU\a 'gY]bYb'XfUa Uh]gW\Yb'@Ui Zž'U`gʻg]W\'XUgʻ5i hc ØVYfgW\`i ['i bX'Ui Z'XYa '8 UW\']Y[Yb'V`]YV"'8]Y': U\fYf]b'XYg : U\fnYi [g'k i fXY'VY]'XYa 'J cfZU``'j Yf`Yhnh'i bX'a i gghY']bg ?fUb\_Yb\Ui gʻ[YVfUW\h'k YfXYb"'8 Ugʻ: U\fnYi ['gY`Vgh'Yf`]hh HchU`gW\UXYbž'k À\fYbX'X]Y': fY]k]``][Y': Yi Yfk Y\f'A cf]hnVi f['X]Y  $\label{thm:condition} $$ I bZU``ghY``Y'g]WXYfhY'i bX'XYb'JYf_Y\f'Ub'XYf'I bZU``ghY``Y' j cfVY]`Y]hYhY'''8]Yg'ZØ\fhY'ni '`Y]WXhYb'JYf_Y\fgVY\]bXYfi b[Ybž k Ug'X]Y'G]hi Uh]cb'ni gÀhn`]WX'YfgWXk YfhY''$ 

## 9fa ]hh`i b[Yb'ni f'l bZU``i fgUWXY

8 Yf'J Yf\_Y\fgi bZU``X]Ybgh'XYf'Dc`]nY]'\Uh'gcZcfh'9fa ]hhìi b[Yb'ni f [YbUi Yb'I fgUWXY'XYg'I bZU``g'Ui Z[Ybca a Yb"'Gc`WXY JYf\_Y\fgi bZA``Y'g]bX``Y]XYf'\_Y]bY'GY`hYb\Y]h"'K]Y'X]Y'6`]W\_"XY VYf]WXhYhž'YfY][bYhY'g]WX'Yfgh'j cf'\_i fnYa 'Y]b'k Y]hYfYf'gWXk YfYf I bZU``'Ui Z'XYf'G', %ž'VY]'XYa 'a Y\fYfY': U\fYf'gWXk Yf'j Yf`Yhnh k i fXYb"'<]Yf'[Yf]Yh'Y]bY'A UnXU!: U\fYf]b'Ui Z'X]Y'; Y[YbZU\fVU\b i bX'\_fUWXhY'a ]h'Y]bYa 'Ybh[Y[Yb\_ca a YbXYb'CdY`'7cfgU ni gUa a Yb"'6Y]XY': U\fYf'a i gghYb'j cb'XYf': Yi Yfk Y\f'Ui g']\fYb : U\fnYi [Yb'VYZfY]h'k YfXYbž'i bX'X]Y'GhUUhgghfU»Y'k Uf'Ui Z[fi bX XYg'I bZU``g'nY]hk Y]gY'[YgdYffh"

Gc`WXY'JcfZÀ``Y'k YfZYb'Y]b'@]WXh'Ui Z'X]Y'[YbYfY``Y

JYf\_Y\fgg]WXYf\Y]hž'X]Y'`Ui h'XYf'8Yi hgWXYb'GhUh]gh]gWXYb

@UbXYgÀa hYf'\_cbh]bi ]Yf`]WX'ØVYfk UWXh'k ]fX"'8]Y'GhUh]gh]\_'X]Ybh

XYf'; Yk ]bbi b['ni j Yf`Àgg][Yf'i bX'i a ZUggYbXYf'8UhYb'ni f

JYf\_Y\fgg]WXYf\Y]hg`U[Y']b'8Yi hgWX`UbX'i bX'gWXUZZh'Y]bY

k ]WXh][Y'; fi bX`U[Y'ZØf'AU»bU\aYb']b'XYf'; YgYhn[YVi b['gck]Y

]a 'GhfU»YbVUi "'8UVY]'k YfXYb'i bhYf'UbXYfYa 'X]Y'I bZU``i fgUWXYb

i bX'X]Y'NU\``XYf'VYhfcZZYbYb'DYfgcbYb'YfZUggh"

8YhU]`g	
Cfh	Acf]hnVif[ž8YihgWX`UbX

8 Y hU]`g	
EiY``Yb	<ul> <li>k k k "gUYWX g]gWX Y"XY</li> </ul>
	• k k k "V`]W_"XY
	• k k k "XYghUh]g"XY

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