

BYi ghUXh'YfghfU\`h. BYi Y'>U[XgWXi`Y n]Y\h'nU\`fY]WXY'; ÀghY'Ub°

?i fh'i bX'5b_Y'D`U['YfÒZZbYb'bYi Y' \pm U[XgW\i `Y']b'BYi ghUXh/ \pm A[YfnU\ `Yb'ghY][Yb' '5i gV]`Xi b['i bX'DfØZi b[Yb']a ': c_i g"



BYi ghUXhž'8Yi hgWX`UbX`!'=a '<YfnYb'j cb'BYi ghUXh`\Uh'X]Y

*J[XgWi `Y'j cb'?i fh'i bX'5b_Y'D`U['Y]bYb'bYi Yb'GhUbXcfh

YfÒZZbYh"'BUWX 'XYa 'I a ni ['j cb'<YfgWXXcfZ'nY][hYb'g]WX 'X]Y'D`U[g

VY]'XYf'9]bk Y]\i b[gZY]Yf'VY[Y]ghYfh'j cb'XYf'FYgcbUbn"

NU\`fY]WXY'; ÀghYži bhYf'UbXYfYa 'XYf'dfca]bYbhYghY'J YfhfYhYf

XYf'FY[]cbž'?Uf'!<Y]bn'A Ò``Yfž'ZY]YfhYb'a]h']\bYb'X]YgYb'GWXf]hh']b

Y]bY'j]Y'j YfgdfYWXYbXY'Ni _i bZh"'8UVY]'VYhcbhY'A UfWY`BY]hn_Yž

XYf'GWXk]Y[Yfgc\b'XYf'D`U[gž'k]Y'k]WXh]['X]Y'5i gV]`Xi b[']b

*J[XgWXi `Yb'ZØf'X]Y'*À[YfgWXUZh']gh"'GWX`]Y*`]WX']gh'XUg'K]ggYbž

XUg'\]Yf'j Yfa]hhY'h'k]fXž'XYf'GWX`ØggY``ni f'9ffY]WXi b['XYg

VY[Y\fhYb'*J[XqWXY]bg"

 $8]YgY'6YXYihib['k]fX'b]Whbif``c_U`ž'gcbXYfb'UiWhVibXYgkY]h$

]a a Yf'XYi h`]W\Yf"'=\D'XYb``YhnhYb`XfY]'\J\\fnY\bhYb`\Uh'X]Y`5bnU\`XYf'\J[XgW\Y]b]b\UVYf']b`8Yi hgW\`UbX'i a 'gUhhY'' * 'DfcnYbh ni [Ybca a Ybž'k Ug'ØVYf'(')"-'\$'DYfgcbYb`Ybhgdf]W\hž'X]Y`g]W\Y]b'GhØW_BUhi f'ni fØW_YfcVYfb'a OW\hYb"'GdUbbYbX']gh'Ui W\ŽXUgg'g]YVYb'j cb'nY\b'\A[Yfb'A]h[`]YX']b'Y]bYa '\J[Xj YfVUbX'g]bX"8]YgY'JYfVAbXY'gd]Y`Yb'Y]bY'nYbhfU`Y'Fc``Yž'k Ybb'Yg'i a 'X]Y K Y]hYfV]`Xi b['i bX'DfØZ' b['j cb'bYi Yb'\A[Yfb'[Y\hž'k]Y''\U[Xj YfVUbX"XY'VYf]W\hYh"

9]b 6`]W_'Ui Z'X]Y '≯À[YfdfØZi b[Yb

 $: \emptyset f'U``Y'Ub[Y\YbXYb``\grave{A}[Yf'[]Vh'Yg'_`UfY'FY[Y`b.`'8Ug'A]bXYghU`hYfZ\emptyset f'X]Y`\grave{A}[Yfdf\emptysetZ]b[`VYhfA[h'%*`&U\YghUbXYbYf'Df\emptysetZ]b[X\emptyset fZYb'`Ab[Yf'gc[Uf'Y]bYb'$\;\; [YbX'U[XgWXY]b'Yfk YfVYbZXX]YgYf'Yf`UiVh'U``YfX]b[g'bif'XUg'&U[Yb']b'6Y[`Y]hib['Y]bYgYfZU\fYbYb'9fk UW\gYbYb''$=a '; Y[YbgUhn'XUni 'g]bX'HY]`bU\aYbUb'; YgY``gW\UZhg'U[XYb'ZØf'X]Y'$\;\; [YbX`]W\Yb'b]W\h'Yf`UiVh''Iag]W\'cdh]a U``UiZ'X]Y'DfØZ|b['jcfniVYfY]hYbZ'V]YhYb'j]Y`Y?fY]g'`A[YfgW\UZhYb'JcfVYfY]hib[g`Y\f[Åb[Y'UbZ'X]Y'cZh'gYW\gAcbUhY'XUiYfb'ibX'a]bXYghYbg''\&\$'GhibXYb'H\Ycf]Y'gck]YDfUI]g'iaZUggYb''$

⇒b\U`hY`XYf'5igV]`Xib['ibX`DfØZib[

8]Y'H\Ya Yb'XYf'\J[XUi gV]`Xi b['g]bX'j]Y`ZÀ`h]["'K]`XV]c`c[]Yž\J[XdfUl]gž'K UZZYb_i bXY'i bX'BUhi fgW\i hn'g]bX'bi f'Y]b][Y'XYf6YfY]W\Yž'X]Y'UV[YXYW_h'k YfXYb"'Ni XYa 'g]bX'X]Y'Z]bUbn]Y``Yb5gdY_hY'b]W\h'ni 'j YfbUW\`Agg][Yb' 'X]Y'Xi fW\gW\b]hh`]W\Yb?cqhYb'ZØf'X]Y'\A[YfUi gV]`Xi b['VY`Ui ZYb'q]W\'Ui ZYhk U'&"&\$\$

9i fc"'8]Y'DfØZ]b[Y'a ØggYb'g]W\'Y]bYf'a Y\fhY]`][Yb'DfØZi b[ghY``Ybž'X]Y'gck c\``gW\f]Zh`]W\Y'U`g'Ui W\'a ØbX`]W\Y'i bX dfU_h]gW\Y'5VgW\b]hhY'i a ZUggh"'8cW\'Yg'[]Vh'Ui W\ < YfUi gZcfXYfi b[Yb.'Fi bX'&%'DfcnYbh'XYf'DfØZ]b[Y'ZU``Yb']a YfghYb'JYfgi W\'Xi fW\ž'Y]bY'Xi fW\Ui g'b]W\h'ni 'j YfbUW\`Àgg][YbXYFUhY"

8 Ugʻ9fʻYfbYbʻXYgʻg]WXYfYbʻI a [Ub[gʻa]hʻ\J[Xk UZZYbʻ]gh'YVYbgc k]WXh][ˈk]YʻX]Yʻ?Ybbhb]ggYʻØVYfʻX]Yʻ; YgYhnYʻfi bXʻi a ˈ\J[Xi bX B Uhi fgWXi hn"'9]bʻZY\`Yf\UZhYfʻI a [Ub[ʻ_UbbʻgWXbY``ni a B]WXhVYghY\YbʻXYfʻDfØZi b[ˈZØ\fYb"'I a gcˈk]WXh][Yfʻ]ghʻYgžʻXUgg X]YgYʻ\J[XgWXi `Yb`k]YʻX]Yʻj cbʻ?i fhʻi bXʻ5b_YʻDʻU[ʻ]\fʻZi bX]YfhYg K]ggYbʻk Y]hYf[YVYbʻi bXʻX]YʻbÀWXghYʻ; YbYfUh]cbʻj cbʻ\A[Yfb Ui gV]`XYbʻ XYbbʻUi WXʻ]bʻX]YgYa ʻ6YfY]WXʻ[]`hʻ; i hʻUi g[YV]`XYhʻ]gh\Ui YVʻ[Yk cbbYb"

±g[YgUa h``Àgghg]W\`ZYgh\U`hYb.'8]Y '₺[X`\Uh'b]W\h'bi f`HfUX]h]cbž gcbXYfb'Ui W\`Ni _i bZh"'A]h'Y]bYf'gc`]XYb'5i gV]`Xi b[']b'XYb bYi Yb'FÀi a`]W_Y]hYb']b'BYi ghUXh'k YfXYb'j]Y`Y''I b[Y'À[Yf cdh]aU`'Ui Z']\fY'DfØZi b[Yb'j cfVYfY]hYh'i bX'hfU[Yb'gca]h'U_h]j ni a'GW\i hn'i bX'ni f'DZY[Y'i bgYfYf'BUhi f'VY]"'Gc'nY][h'g]W\Y]baU``aY\f.'8]Y'₺[X']gh'Y]b'GhØW_'<Y]aUhži bX'XUa]h'`]Y[h'i bgU``Yb'j]Y`XUfUb"

8 YhU]`g	
Cfh	BYighUXhž8YihgW\`UbX
EiY``Yb	k k k "]bgi YXh\i Yf]b[Yb"XY
	• k k k "′U[Xj YfVUbX"XY
	• k k k "′UY[Yfa U[Un]b"XY

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