

DUXYfVcfb Yf\ \dot{A} h'5i gnY]WX bi b[.; \dot{Y}]WX ghY``i b['Ub' < c WX gWX i \dot{Y} b']a ': c_i g'

8]Y I b]j Yfg]hÀh DUXYfVcfb Yf\à`h XUg DfàX]_Uh; Y]WXghY``i b[gghUf_Y < cWXgWXi Y ZØf]\f YfZc`[fY]WXYg; Y]WXghY``i b[g_cbnYdh]a DfcZYggcf]bbYbdfc[fUa a "

DUXYfVcfbž8Yi hgW `UbX '! '8]Y 'I b]j Yfg]hÀh DUXYfVcfb `\ Uh 'g]W YfZc`[fY]WX ']b 'XYf 'nk Y]hYb '5i gk U\`fi bXY 'XYg 'Vi bXYgk Y]hYb DfcZYggcf]bbYbdfc[fUa a g'ei U`]Z]n]Yfh'i bX'k i fXY 'U`g'Y]bY'j cb bi f`nk Ò`Z'<cW,gWXi `Yb'a]h'XYa 'DfÀX]_Uh'; `Y]WXghY``i b[gghUf_Y <cW,gWXi `Y 'Ui g[YnY]WXbYh"'A Y`Xi b[Yb'j cb'XYf'I b]j Yfg]hÀh DUXYfVcfb 'VYf]WX hYbž XUgg 'X]Y' < cW,gWXi `Y 'Xi fWX']\f Y\f[Y]n][Yg'; `Y]WXghY``i b[g_cbnYdh'ØVYfnYi [Yb'_cbbhYž'XUg'Ui Z X]Y'G]WXhVUf_Y]h'j cb'K]ggYbgWXUZh`Yf]bbYb'gck]Y'Ui Z [YbXYfgYbg]V`Yg'6Yfi Zi b[ga UbU[Ya Ybh'i bX [YgWX `YWX hYf[YfYWX hY'? Uff]YfYYbhk]W_`i b['Zc_i gg]Yfh']gh''

=a `FU\a Yb`XYg`DfcZYggcf]bbYbdfc[fUa a gž`XUg`&\$\$, `]bg`@YVYb
[Yfi ZYb`k i fXYž`Z]Y» Yb`]bg[YgUa h'' &\$`A]``]cbYb`9i fc`ØVYf`Y]bY
@Ui ZnY]h'j cb`UW\h'*\\fYb`]b`X]Y`: ÒfXYfi b['j cb'; `Y]W\ghY``i b['Ub
<cW\gW\i `Yb"\8 Ug`6i bXYga]b]ghYf]i a `ZØf`6]`Xi b['i bX': cfgW\i b[
f6A 6: \L'j YfZc`[h'a]h'X]YgYa `Dfc[fUa a `XUg`N]Y`\Z'XYb`5bhY]``j cb
: fUi Yb`]b`k]ggYbgW\UZh`]W\Yb`Gd]hnYbdcg]h]cbYb`ni `Yf\Ò\Yb`i bX
XYf`DfcV`Ya Uh]_'XYf` @YU_m`D]dY`]bY `Ybh[Y[Ybni k]f_Yb\Z'X]Y`XYb
FØW_[Ub['XYg': fUi YbUbhY]`g`a]h'ghY][YbXYf`U_UXYa]gW\Yf
@Ui ZVU\b`VYgW\fY]Vh'nY][h'X]Y`\=\b]h]Uh]j Y`XYg`6A 6: "

N]Y`Y`i bX`A U»bU\a Yb`XYg`Dfc[fUa a g

8 UgʻDfc ZYggcf]bbYbdfc[fUa a 'n]Y`h'Ui Z'Y]bY'9f\Ò\i b['XYf'5bnU\` j cb'Dfc ZYggcf]bbYb'V]g'&\$' \$ž']bXYa 'a Y\f

BUWki Wkgk]ggYbgWkUZh`Yf]bbYb'i bX'?Øbgh`Yf]bbYb'[YZÒfXYfhkYfXYb"'5_hi Y``'VYhfà[h'XYf': fUi YbUbhY]`'Ub'XYf'I b]j Yfg]hàh DUXYfVcfb']b'XYf'DfcZYggcfYbgWkUZh'(\$ž)'DfcnYbhž'kcVY]'Y]bYGhàf_i b['XYf'; 'Y]WkghY``i b[gU_hYi fY'i bX'AU»bU\aYb'[Y[Yb8]g_f]a]b]Yfi b['jcb'nYbhfU`Yf'6YXYi hi b['g]bX"'8]Y'<cWkgWki `Y\Uh'VYfY]hg'ni a'j]YfhYb'AU`'Ub'X]YgYa'Dfc[fUaahY]`[YbcaaYbžia'`Ub[Zf]gh][Y'I bhYfghØhni b['ZØf'X]Y?Uff]YfYbhk]W_`i b['jcb':fUi Yb']b'XYf'K]ggYbgWkUZh'ni [Ykà\f`Y]ghYb"

8]Y'j Yf`Àb[YfhY'@Ui ZnY]h'XYg'Dfc[fUa a g'V]g'&\$' \$'Yfa Ò[`]W\h'Yg XYb'<cW\gW\i`Ybž'Xi fW\'YI hYfbY'6Y[i hUW\hi b[Yb'Zi bX]YfhY; `Y]W\ghY``i b[g_cbnYdhY'Y]bni fY]W\Yb"'8 Ug'6A 6: 'Yf_`Àfhž'XUgg <cW\gW\i`Ybž'X]Y'XUg'Df\AX]_Uh'; `Y]W\ghY``i b[gghUf_Y <cW\gW\i`Y 'Yf\U`hYbž'ni g\Ahn`]W\']b'XYf'@U[Y'g]bXž'Y]bYb'5bhfU[ZØf'Y]bY'GhY``Y'ZØf'Y]bYBUW\ki W\gk]ggYbgW\UZh`Yf]b'ni 'ghY``Ybž X]Y'Ui Z'Y]bY'i bVYZf]ghYhY'DfcZYggi f'\]bUi g`\Ai Zh"

9fZc`['i bX'5i gV`]W_

8]Y '9bhk]W_`i b['XYf': fUi YbUbhY]`Y ']b 'XYb 'j YfgWk]YXYbYb
U_UXYa]gWkYb '@Ui ZVU\bYb 'nY][h'XYb': cfhgWkf]hhž'XYb 'XUg
Dfc[fUa a 'UbghfYVh '5_hi Y```g]bX'(*ı 'XYf'8c_hcfUbX]bbYbž''+ı
XYf'<UV]`]hUbX]bbYb 'i bX '&, ı 'XYf'DfcZYggcf]bbYb 'k Y]V`]Wk "'8Yf
_cbh]bi]Yf`]WkY': ÒfXYfVYXUfZ'i bX'X]Y 'Bchk YbX][_Y]h'ni f
: ÒfXYfi b['XYf'G]WkhVUf_Y]h'i bX'?Uff]YfYWkUbWYb'j cb': fUi Yb']b
XYf'K]ggYbgWkUZh'g]bX'YbhgWkY]XYbXž'i a 'XYb'5bhY]`'j cb': fUi Yb
Ub`\`OWXghYb'U_UXYa]gWkYb'Dcg]h]cbYb'ni 'ghY][Yfb"

8]Y`I b]j Yfg]hÀh`DUXYfVcfb`i bX`UbXYfY`<cW\gW\i `Ybž`X]Y`j cb

 $X]YgYa `Dfc[fUa a `dfcZ]h]YfYbž`` UVYb`X]Y`A Õ[`]WX_Y]hž`] `fY ; `Y]WXghY``i b[gghfUhY[]Yb`k Y]hYf`ni `Ybhk]W_Y`b`i bX`XUa]h`Y]bYb k]WXh][Yb`6Y]hfU[`ni f`8]j Yfg]hÀh`i bX`7 \UbWYb[`Y]WX\Y]h`]b`XYf K]ggYbgWXUZh`ni ``Y]ghYb"`8]Y`9f[YVb]ggY`XYf``Ui ZYbXYb`Dfc`Y_hYk YfXYb`k Y]hYf\]b`j cb`[fc<math>$ *Yf`6YXYi hi b[`ZØf`X]Y`ni _ØbZh][Y 5i gf]WXhi b[`XYf`U_UXYa]gWXYb`@UbXgWXUZh`]b`8Yi hgWX`UbX`gY]b"

8 Y hU]`g	
Cfh	DUXYfVcfbž'8Yi hgWX`UbX
EiY``Yb	k k k "i b]!dUXYfVcfb"XY
	• k k k "Va VZ"XY
	• k k k "Va VZ"XY

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