

A i g]U`U`V`Y]Vh'V]g'&\$' \$'VY]a ': 7'6UmYfb' ?]a a]WXg'Ni _i bZh'i b[Yk]gg°

: 7 '6UmYfb'j Yf`Àb[Yfh'JYfhfÀ[Y'j cb'Aig]U`Už'BYi Yf'i bX 8Uj]Yg"'?]a a]W\g'JYf\UbX`i b[Yb'XUi Yfb'Ub/'9VYf`'V`Y]Vh cdh]a]gh]gW\"

< Ua Vi f[ž8 Yi hgWX `Ub X : ! 5a '%) ": YVfi Uf : &\$&) `\ Uh : XYf : 7
6UmYfb 'A Øb WX Yb 'c ZZ]n]Y `` `X]Y 'J YfhfU[gj Yf `Ab[Yfi b['a]h
B UWX k i WX ghU `Ybh : *Ja U `` A i g]U `U `V]g : &\$' \$ `VY_Ubbh `[Y[YVYb " : @Ui h
A UI '9VYf `ž : XYa 'Gdcfhj cfghUb X : XYg 'J YfY]bgž *k UfYb : X]Y
J YfhfU[gj Yf \ Ub X `i b[Yb 'a]h `A i g]U `U 'V YfY]hg : gY]h `` `Ab[YfYf : NY]h `]b
D`Ubi b[ž i b X 'a Ub 'k Uf 'b UWX 'K Y]\ b UWX hYb 'Z Ugh 'Y]b]['[Yk cf XYb "
a '*JUbi Uf 'Yf\]Y `h : XYf 'J YfY]b : XUbb 'X]Y 'Z]b U `Y 'Ni gU[Y 'j cb 'A i g]U `U "
8]YgY 'J YfhfU[gj Yf `Ab[Yfi b[']gh : b] WX h bi f 'ZØf : XYb 'Gd]Y `Yf'j cb
6 YXYi hi b[ž : gcb XYfb 'Ui WX 'ZØf : X]Y 'J YfY]bgghfi _hi fž : XU 'A i g]U `U
bi b 'ni 'XYb 'Hcdj YfX]YbYfb : XYg 'J YfY]bg 'n À\ `h"</pre>

8 c W X]Y Ni _i b Zhj cb xg\i U?]a a]W VY]a : 7 '6 UmYfb 'V Y]Vh i b[Yk]gg"?]a a]W ž XYf a]h gY]b Yb " \$ '\$J\fYb '8 : 6!? Ud]h Ab ']gh ž\Uh Y]b Yb 'Ui g`Ui ZYb XYb 'J Yfh f U[ži b X 'X]Y 'J Yf\Ub X`i b[Yb 'g]b X bc W 'b]W h 'UV[YgW `cggYb" '9! !6i b XYgh f U]b Yf 'x UW]a '@Ok '\Uh?]a a]W [Yf Uh Yb ž X]Y '6i b XYg`][U'ni 'j Yf` UggYb 'i b X 'b Yi Y 9 f ZU\fi b[Yb 'ni 'g Ua a Y`b" '9 V Yf` \]b[Y[Yb \Uh XYi h`]W [Ya UW hž X Ugg'?]a a]W 'gY]b 'GW]W_gU`gY`Vgh]b 'XYf' < Ub X '\Uh" '9 f V Yhc b hž X Ugg'?]a a]W 'g]W 'Ui Z'gY]b Y : Ua]`]Y '_cbn Ybh f]Yf Yb 'gc``h Y 'i b X ']b 6 Yni ['Ui Z'gY]b Y '? Uff]Yf Y [Yb Ui 'k Y]» ž 'k Ug 'Y f 'k]`"

JYfhfU[gjYf`Àb[Yfib[Yb']a : c_i g

 $\pm 0.XYf. \%b[ghYb.JYf[Ub[Yb.Y]h.Vh.XYf.: 7.6UmYfb.VYfY]hg.k.Y]hYfYk. |W.h][Y.JYfhfU[gj.Yf.\Ab[Yfi.b[Yb.VY_Ubbh.[Y[YVYb".A.Ubi.Y.\Ab]]]hYfYb.Yff.\Ab[Yfi.b[Yb.VY_Ubbh.[Y[YVYb".A.Ubi.Y.\Ab]]]hYfYb.Yff.\Ab[Yfi.b[Yb.VY_Ubbh.[Y[YVYb".A.Ubi.Y.\Ab]]]hYfYb.Yff.\Ab[Yfi.b[Yb.VY_Ubbh.[Y[YVYb".A.Ubi.Y.\Ab]]]hYfYb.Yff.\Ab[Yfi.b[Yfi.b]]hYfYb.Yff.\Ab[Yfi.b]]hYfYb.Yff.\Ab[Yfi.b][Yb.$

BYi Yf'i bhYfgWXf]YV'Y]bYb'bYi Yb'J YfhfU['V]g'&\$&*'i bX'5`d\cbgc 8Uj]Yg'j Yf'Àb[YfhY'V]g'&\$' \$"'8]YgY'9bhgWXY]Xi b[Yb'nY][Ybž'XUgg XYf'J YfY]b'VYghfYVh']ghž'gY]bY'GWX`ØggY`gd]Y`Yf'`Ub[Zf]gh]['ni V]bXYb"'A i g]U`U'Yf\À`h'Xi fWX'gY]bY'bYi Y'J YfY]bVUfi b['YVYbZU``g Y]bY'; Y\U`hgYf\Ò\i b[ž'k Ug'gY]bY'6YXYi hi b['ZØf'XYb'J YfY]b i bhYfghfY]WXh"

8]Y'JYfhfU[gj Yf\UbX`i b[Yb'a]h'?]a a]W\'g]bX''YXcW\'_ca d`Yl Yf"BYVYb'Z]bUbn]Y``Yb'5gdY_hYb'gd]Y`Yb'Ui W\'X]Y'gdcfh`]W\Y5i gf]W\hi b['i bX'X]Y'?UXYfd`Ubi b['Y]bY'Fc``Y"'9VYf`\Uh'Yf_`Àfhž XUgg'Yf'_Y]bYb'Gd]Y`Yf'ØVYffYXYb'a ÒW\hYž'Y]bYb'J YfhfU['ni i bhYfgW\fY]VYbž'i bX'`Y\bh'l `h]a UhYb'UV"'8]Y'Gd]Y`Yf'VYbÒh][YbNY]hži a']\fY'9bhgW\Y]Xi b[Yb'ni 'hfYZZYbž'Ui W\'k Ybb'XYf'?`i Vb]W\h'i bVY[fYbnh'k UfhYb' Ubb"

9VYf``V`]W_hcdh]a]gh]gW\`Ui Z`X]Y``Ui ZYbXY`GU]gcbž`]b`XYf`XYf`: 7
6UmYfb`a]h`Y]bYa `J cfgdfi b['j cb`UW\h'Di b_hYb`]b`XYf
A Y]ghYfgW\UZh``]Y[h"`8Yf`: c_i g``]Y[h`XUfUi Zž`Ui W\`]b`XYf
7\Ua d]cbg`@YU[i Y`YfZc`[fY]W\`ni `gY]b"`GY]bY`<cZZbi b[`[]`h`Y]bYf
VU`X][Yb`9]b][i b[`a]h`?]a a]W\Z`k À\fYbX`a Ub`[`Y]W\`nY]h][`X]Y
9fZc`[Y`]a `HYUa 'j YfZYgh][Yb`a ÒW\hY"

8]Y'9bhk]W_`i b[Yb'fi bX'i a 'X]Y'JYfhfU[gj Yf\UbX`i b[Yb'nY][Ybž XUgg'XYf': 7'6UmYfb'k Y]hYf\]b'VYghfYVh']ghž'Y]bY'ghUf_Y A UbbgW\UZh'ZØf'X]Y'Ni _i bZh'Ui Zni VUi Yb"'K À\fYbX'A i g]U`U VYfY]hg'Y]bYb'k]W\h][Yb'GW\f]hh']b'X]YgY'F]W\hi b['[Ya UW\h'\Uhž V`Y]Vh'UVni k UfhYbž'k]Y'g]W\X]Y'G]hi Uh]cb'i a '?]a a]W\Ybhk]\W_Y`b k]fX"

: Øf`k Y]hYfY`±bZcfa Uh]cbYb`_ÒbbYb`G]Y`X]Y`5fh]_Y``Ui Z`FYa g NY]hi b[ž'5VYbXnY]hi b[`i bX`h!cb`]bY`Xi fW\ghÒVYfb.`FYa g NY]hi b[ž'5VYbXnY]hi b[ž'h!cb`]bY"

8 Y hU]`g	
JcfZU``	; YgYhn[YVib[
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8 YhU]`g	
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	k k k "h!cb`]bY"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["X Y