

## 7cc\_]Yg'i bhYf'?cbhfc``Y. 'Gc'V`Y]Vh'=\fY Cb`]bY!G]hni b['g]WXYf°

9fZU\fYb'G]Y'Ua'%, "\$\*"&\$&)'U``Yg'ØVYf'7cc\_]Yg'i bX'XYfYb G]W\Yf\Y]h']b'k YVVUg]YfhYb'5bk YbXi b[Yb']a'@UbX\_fY]g 7\Ua''



7\Ua ž8Yi hgW `UbX'! 5a '%, "'\delta b]'&\$\&\) '\Uh'XUg'@UbXfUhgUa h
VY\_Ubbh'[Y[YVYbž'XUgg'X]Y'[YgW\`cggYbY'JYfk U`hi b[gghY``Y
j cfØVYf[Y\YbX'[YgW\`cggYb'V`Y]Vh"@Ui h'XYf'A]hhY]`i b['g]bX
]bgVYgcbXYfY'X]Y'bchk YbX][Yb'7cc\_]Ygž'X]Y'ZØf'XYb'6Yhf]YV'XYf
K YVgY]hY'YfZcfXYf`]W\'g]bXz'b]W\'h'XYU\_h]j ]YfVUf"'8]YgY'7cc\_]Ygž
k ]Y'n"6"'XUg'5GD"B9HSGYgg]cb\delta z'gcf[Yb'XUZØfz'XUgg'X]Y'GY]hY
fY]Vi b[g`cg'Z|b\_h]cb]Yfh'i bX'g]bX'Ub'6Ybi hnYfU\_h]cbYb
[Y\_cddY'hz'Yhk U'VY]a': Ygh'Y[Yb'j cb'8UhYbgW\i hnY]bghY``i b[Yb
cXYf'VY]a'5i gZØ``Yb'j cb': cfa i `UfYb"'6Ybi hnYf'\UVYb'YXcW\'X]Y
A O[`]W\\_Y]hz']\fY'6fck gYfY]bghY``i b[Yb'ni 'AbXYfbz'k Ug'U``YfX]b[g
X]Y': i b\_h]cbU`]hAh'VYgh]a a hYf'6YfY]W\Y'XYf'K YVg]hY
VYY]bhfAW\'h][Yb'\_Ubb"

8]YgY'7cc\_]Ygž'X]Y'\_Y]bY'dYfgcbYbVYnc[YbYb'8UhYb'gdY]WXYfbž g]bX'YggYbn]Y```ZØf'XYb'6Yhf]YV'XYf'K YVgY]hY'''Gc'Z]bXYh'a Ub VY]gd]Y`gk Y]gY']a 'GmghYa 'XUg'7cc\_]Y SSF Yei YghJ Yf]Z]WUh]cbHc\_Ybž'XUg'[YgYhnh'k]fXž'gcVU`X'Y]b 5ba Y`XYZcfa i `Uf'Ui Z[Yfi ZYb'k]fX"'9g'V`Y]Vh'V]g'ni a '9bXY'XYf 6fck gYfg]hni b['U\_h]j 'i bX'hfÀ[h'ni f'G]WXYfghY``i b['XYf'G]WXYf\Y]h VY]a '5ba Y`XYb'VY]"'9]b'k Y]hYfYg'k]WXh][Yg'7cc\_]Y']gh'XUg'`X! Wcc\_]YgY`YWh]cbž'XUg'X]Y'5i gk U\`'XYf'7cc\_]Y!9]bghY``i b[Yb'XYg Bi hnYfq'gdY]WXYfh"

## K ]WX h][Y'=bZcfa Uh]cbYb'ni G]hni b[g!7cc\_]Yg

; Ya À» 'XYb '6Ygh 'DfUWh] WYgž 'X]Y ']b 'j YfgWX]YXYbYb 'hYWX b]gWXYb 6`c[g'X]g\_i h]Yfh'k YfXYbž 'gc``hY 'XYf 'GhUbXUfXbUa Y 'XYf 'G]hni b[g! & ']b '5GD"B 9Hž \]Yf '5GD"B 9HSGYgg]cb \ Za O[`]WXgh'[YAbXYfh k YfXYb" '8 Yf'; fi bX. '9]b 'ghUbXUfXa À»][Yf 'B Ua Y '`Àggh F ØW\_gWX `ØggY 'Ui Z'X]Y 'j Yfk YbXYhY 'HYWX bc`c[]Y 'ni ' 'Y]b [YZ bXYbYg': fYggYb 'ZØf'dchYbn]Y``Y '5b[fY]ZYf" '8]Y '@Ab[Y 'XYf G]hni b[g! \ Ya dZ]Y\`h'g]WX 'XUVY] 'Ui Z'a ]bXYghYbg' \%, '6]h'ni gYhnYbži a '6fi hY!: cfWY!5b[f]ZZY 'UVni k Y\fYb" '5i » YfXYa 'gc``hY X]Y '\ J' '\ J' \ j' c``ghAbX]['ni ZA``]['[YbYf]Yfh'k YfXYbž'i a J cf\YfgU[VUf\_Y]h'ni 'j Yfa Y]XYb" '8 UhYb'k]Y 'DUggk OfhYf'gc``hYb b]Ya U`g']b '7cc\_]Yg'[YgdY]WXYfh'k YfXYbž'gcbXYfb'`]YVYf'Ub [Yg]WXYfhYb'CfhYb'Ui Z'XYa 'GYfj Yf'j Yfk U\fh'k YfXYb"

9]b'k Y]hYfYg'k ]W\h][ Yg'H\Ya U']gh'X]Y'Bi hni b['j cb'< HHDG'ZØf'U``Y g]hni b[gVUg]YfhYb'5bk YbXi b[Ybž'j cf'U``Ya 'k Ybb'gYbg]V`Y'8 UhYb j YfUfVY]hYh'k YfXYb"'G]W\Yf\Y]hgUgdY\_hY'ghY\Yb'\]Yf'\_`Uf']a

J cfXYf[ fi bXž'i bX'XUni '[Y\Ofh'Ui W\ž'XUgg'X]Y'GYW' fY!'i bX < hhd C b`m!9][ YbgW\UZhYb'ZØf'7cc\_]Yg'U\_h]j ]Yfh'g]bX"'I a

[`Y]W\nY]h][ Y'GYgg]cbg'ni 'j Yfa Y]XYbž'gc``hYb'bUW\'Y]bYa

H]a Yci hž'VY]'5Va Y`Xi b['cXYf'VY]a 'GW\`]Y» Yb'XYg'6fck gYfg'X]Y

GYgg]cbg'[ Y`OgW\h'k YfXYb"'5i » YfXYa 'k AfY'Yg']XYU`ž'5V`Ui ZXUhYb

ZØf'7cc\_]Yg'Ui Z'X]Y'\_ØfnYgh'a O[`]W\Y'NY]h'ni 'gYhnYbž'i a

G]W\Yf\Y]hqf]q]\_Yb'ni 'a ]b]a ]YfYb"

G]WXYfY 7cc\_]Yg ]b 5GD"B 9H 7cfY

9]bY'bYi Y'FY[Y``]b'XYf'GcZhk UfYYbhk ]W\_`i b[ž'X]Y'Ui W\'U`g
75)',''VY\_Ubbh']ghž'VYhcbh'X]Y'Bchk YbX][\_Y]hž'g]W\YfY'7cc\_]Yg
]b'5GD"B9H'7cfY'ni 'bi hnYb"'8]YgY'FY[Y``gcf[h'XUZØfž'XUgg
7cc\_]Yg'bi f'ØVYf'X]Y'H@G!JYfgW\'ØggY`i b['fk HHDGŁ'ØVYfhfU[YbkYfXYbž'i a 'g]W\Yfni ghY``Ybž'XUgg'g]Y'b]W\h'`Y]W\h'UV[Y\ÒfhkYfXYb'\_\ObbYb"'8Ug'VYXYi hYhž'XUgg'U``Y'5bk YbXi b[Ybž'X]Y'a]hgYbg]V`Yb'8UhYb'UfVY]hYbž'j cb'X]YgYb'G]W\Yf\Y]hgZYUhi fYgdfcZ]h]YfYb'gc``hYb"

Ni gUa a YbZUggYbX``Àggh'g]W\'gU[Ybž'XUgg'G]W\Yf\Y]h']a '6YfY]W\
XYf'7cc\_]Yg'i bX'K YVUbk YbXi b[Yb'j cb'\ÒW\ghYf'K]W\h][\_Y]h']gh''
8i fW\'X]Y'f]W\h][Y'<UbX\UVi b['i bX'\DXYbh]Z]n]Yfi b['X]YgYf
7cc\_]Yg'`UggYb'g]W\'j ]Y`Y'G]W\Yf\Y]hgf]g]\_Yb'UVk YbXYbž'i bX'X]Y
\DhY[f]h\h'XYf'6Ybi hnYfXUhYb'V`Y]Vh'[Yk U\fh''K Yf'U`gc'Cb`]bY!
8]YbghY'bi hnhž'gc``hY'g]W\'XYf'6YXYi hi b['X]YgYf'hYW\b]gW\Yb
8YhU]`q'VYk i qqh'qY]b'i bX'qhYhq'Ui Z'q]W\YfYb'6Yhf]YV'UW\hYb''

: Øf'k Y]hYfY'8YhU]'g'ni 'XYb'7cc\_]Yg'i bX'XYfYb'J Yfk U'hi b[ž
Ya dZ]Y\`h'g]W\'Y]b'6`]W\_'Ui Z'X]Y' ⊕ Zcfa Uh]cbYb'j cb'@UbX\_fY]g
7\Ua ž'X]Y'XUni 'Ui gZØ\f`]W\'VYf]W\hYh"'5i W\'X]Y'6Ygh'DfUWh]W\'g
Ui Z'HYW\'7ca a i b]hm'A]WfcgcZh'i bX'X]Y'U``[Ya Y]bYb
FY[Y`i b[Yb'Ui Z'A]WfcgcZh'8cWg'V]YhYb'k Yfhj c``Y
⊕ Zcfa Uh]cbYb"'

8 YhU]`g	
Cfh	7\Ua ž'8Yi hgW\`UbX
EiY``Yb	<ul><li>k k k "`UbX_fY]g!W\Ua "XY</li></ul>
	<ul><li>hYWXWcaaib]hm"a]WfcgcZh"Wca</li></ul>
	<ul><li>`YUfb"a ]WfcgcZh"Wca</li></ul>

6 Ygi W Yb G Y i bg Ui Z b! U[ "X Y