

## 7Y`g]i gʻa Y`XYhʻ i ba ]hhY`VUf ʻ=bgc`j Ybn Ub. '6Yf]W\ h

8 Yf?fYX]h[ YVYf`\Uh\_Øfn`]WX 'gY]bY 'Y\Ya U`][ Yb '5bk À`hY Xi fWX 'X]Y 'j cb '?]f\_`UbX' / Ua d/, \$', /'9``]g @@D'YfgYhnhž X]YgY`VYb '5bk À`hYž'X]Y 'X]Y '&gc`j YbnUbhfÀ[ Y'j cb'J cmU[ Yf VYUfVY]hYb '7Y`g]i g'gc``g]WX '[ Y[ Yb '5i Zfi ZY'gY]bYf'ZfØ\YfYb 5bk À`hY'[ Yk Y\fh`\UVYbž'&gc`j Ybn'Ubni a Y`XYb'8Yf i a \_Aa dZhY'?fmdhc!?fYX]h[ YVYf'7Y`g]i g'k ]fX'6Yf]WX hYb ni Zc`[ Y'VU`X'&gc`j Ybn'bUWX'?Ud]hY`'%%'Uba Y`XYb'i bX'XUVY] XYb'ZfØ\YfYb'F UhgWX`A[ Yb'gY]bYf'ZfØ\YfYb'5bk À`hY'Zc`[ Yb'' @Ui h'Y]bYa '6Yf]WX h'j cb'7B67'5a 'gdÀhYb'A ]hhk cWX'' XYf Y]bY'a ]h'XYf'5b[ Y'Y[ Yb\Y]h'j YfhfUi hY'DYfgcb'n]h]Yfh' 'd`Ubh XYf'?fYX]h[ YVYfž'X]Y'&gc`j Ybni bhYf'U[ Yb'bUWX'?Ud]hY`'%% gcZcfh 'Y]bni fY]WXYbž'bUWXXYa 'X]Y'5bk À`hY'XYg I bhYfbY\a Ybg'X]Y'Y]bnY`bYb'I G!FY[ i `]Yfi b[ gVY\ÒfXYb VYbUWX f]WX h][ h'\UVYb'''9g']gh'X]Y'bYi YghY'9bhk ]W\_`i b[ / Ua d\Y``]d/

- 8 Yf'?fYX]h[YVYf'\Uh'\_Øfn`]WX 'gY]bY 'Y\Ya U`][Yb '5bk À`hY Xi fWX 'X]Y 'j cb '?]f\_`UbX'/ '9``]g'@@D'YfgYhnhž'X]YgY`VYb 5bk À`hYž'X]Y 'X]Y '\*bgc`j YbnUbhfÀ[Y'j cb'J cmU[Yf VYUfVY]hYb
- 7Y`g]i gʻgc```g]WX`[Y[Ybʻ5i Zfi ZYʻgY]bYfʻZfØ\YfYbʻ5bk À`hY [Yk Y\fh'\UVYbžʻ≠bgc`j YbnʻUbni a Y`XYb

8 Yf'i a \_Àa dZhY'?fmdhc!?fYX]h[YVYf'7Y`g]i g'k ]fX'6Yf]W\hYb ni Zc`[Y'VU`X'=bgc`j Ybn'bUW\'?Ud]hY`'%%'Uba Y`XYb'i bX'XUVY]'XYb ZfØ\YfYb'FUhgW\`À[Yb'gY]bYf'ZfØ\YfYb'5bk À`hY'Zc`[Yb"'

@Ui h'Y]bYa '6Yf]W\h'j cb '7B 67'5a 'gdÀhYb'A ]hhk cW\' 'XYf'Y]bYa ]h'XYf'5b[Y'Y[Yb\Y]h'j YfhfUi hY'DYfgcb'n]h]Yfh' 'd'Ubh'XYf ?fYX]h[YVYfž'X]Y'\dgc'j Ybni bhYf'U[Yb'bUW\'?Ud]hY''\%' gcZcfh Y]bni fY]W\Ybž'bUW\XYa 'X]Y'5bk À`hY'XYg'l bhYfbY\a Ybg'X]Y Y]bnY`bYb'l G!FY[i`]Yfi b[qVY\ÒfXYb'VYbUW\f]W\h][h\\UVYb"

9gʻ]ghʻX]YʻbYi YghYʻ9bhk ]W\_`i b[ʻZØfʻXYbʻ?fYX]h[YVYfžʻXYfʻUi ZgY]bYaʻ<Ò\Ydi b\_hʻfi bXʻ, ʿA]``]UfXYbʻI G!8c``UfʻUbʻ?fmdhc!8Uf`Y\Ybʻa]hʻY]bYaʻJYfa Ò[Ybʻj cbʻfi bXʻ%%ž, ʿA]``]UfXYbʻI G!8c``Ufʻj Yfk U`hYhʻ\UhhYʻ%ž+ ʿA]``]cbYbʻBi hnYfʻUVʿAU]"

7Y`g]i gʻgc``ʻg]W\`XYa `FUhʻgY]bYf`Y][ YbYbʻ5bk À`hY`k ]XYfgYhnh \UVYbžʻ±bgc`j YbnʻUbni a Y`XYbžʻi bX`VY\Ui dhYhYžʻX]Y 6Ybi hnYfi bhYfghØhni b[ `k ØfXY`\Y`ZYbž`XYb`DfcnYggʻ]bg[ YgUa h'ni j Yfa Y]XYb"

9]bY'a ]h'XYf'5b[Y'Y[Yb\Y]h'j YfhfUi hY'EiY''Y'gU[hY'6`cW\_k cf\_g']b Y]bYa '♣hYfj ]Yk 'Ua '8]YbghU[ž'XUgg'Yg' Xi fWkUi g'a Ò[`]Wk 'gY]ž XUgg'7Y`g]i g']b'?cb\_i fg'[Y\Yb'\_ÒbbhY"'¾b[ghY'6Yf]WkhY'gWkY]bYb XYb'JYfXUWkh'ni 'VYghÀh][Ybž'a ]h'XYa 'j ]Y`Y']b'XYf'6fUbWkY [YfYWkbYh'\UhhYb" 8 Yf']b'BYk '\form\Ubg\Agg][Y'?fYX]h[YVYf'\Uh'5bZUb['X]YgYf K cW\Y'gY]bY'Y\Ya U`][Yb'5bk \A`hY'VY]'5\_]b'; i a d'GhfUi gg'<Ui Yf / ': Y`X'@@D'Xi fW\'bYi Y'j cb'?]f\_`UbX'/ '9``]g'@@D'YfgYhnh"'J cmU[Yfž Y]b'k Y]hYfYf']b'GW\k]Yf][\_Y]hYb'[YfUhYbYf'?fYX]h[YVYfž'bi hnh YVYbZU``g'X]YgY`VY'5bk U`hg\_Ubn`Y]"

9]b Y\Ya U`][Yf'?fmdhc!; Y`Xj Yfk U`hYf'i bX'Y\Ya U`][Yf'A]hUfVY]hYf j cb '7Y`g]i g'\Uh'XYb'?fYX]h[YVYf'YVYbZU``g'k Y[Yb'Jcfk ØfZYb j Yf\_`U[hž'X]Y':]fa U'\UVY'6Ybi hnYf[Y`XYf'nk YW\_YbhZfYa XYhž'i a]\fY'8YZ]n]hY']a '?fYX]h[YgW\ÀZh'ni 'XYW\_Yb"'8]YgYf'A UbU[Yf'gc``7Y`g]i g'bUW\'5b[UVYb'j cb '5f\_\Ua '\bhY``][YbW''\* %ž&'A]``]cbYb 8c``Uf'Ub'@]ei ]XUh]cbYb'[Y\_cghYh'\UVYb"

 $\label{eq:c.yb} $$ < c.Yb.G]Y.g]WX.^YXYb.5VYbX.X]Y.VYghYb.? fmd hc! $$ BYi ][ _Y]hYb.i bX.9f_Ybbhb]ggY.XYg.HU[ Yg.]b.=& fYbDcghY]b[ Ub[ "." $$$ 

8Yf'6Y]hfU['7Y`g]i g'a Y`XYh'\delgc`j Ybn'i ba ]hhY`VUf'VYj cf 'Ub. 8Yf'6Yf]W\h']gh'\_Y]bY'Z|bUbn]Y``Y'6YfUhi b["

8YhU]`g

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. '\_fmd hc!bYk g"Uh