

?f]h]_'Ua '5_h]cbgd`Ub '9!7ca a YfWY.'K Ya ZU``Yb 'X]Y '? ca dYhYbnYb 'ni a 'CdZYf3

9fZU\fYb G]Y]b i bgYfYa '5fh]_Y``a Y\f'ØVYf'XYb bYi Yb
/ ei ch/5_h]cbgd`Ub '9!7ca a YfWW/ ei ch/'XYg
6i bXYga]b]ghYf]i a gž'XYf'X]Y A Uf_hØVYfk UW\i b[
Ug]Uh]gW\Yf'D`UhhZcfa Yb j YfVYggYfb 'gc``" '8 Ub]Y`U '6`Y]a U]Yf
_f]h]g]Yfh'X]Y a Ò[`]W\Yb '? ca dYhYbnY]bgW\\b]hhY 'ZØf'6Y\ÒfXYb
i bX 'ZcfXYfh'a Y\f'I bhYfghØhni b['ZØf'A Uf_h_cbhfc``Yb"'@YgYb
G]Yž'k Ufi a 'Y]b '[Ya Y]bgUa Yg'J cf[Y\Yb j cb'A]b]ghYf]Yb
i bX '9I 'i bYf`Agg`]W\']gh'i bX 'k Y`W\Y'F c``Y
JYfVfUi W\Yfj YfVAbXY 'XUVY] 'gd]Y`Yb 'gc``hYb"



8 Yf '9]b Z`i gg 'X Yg '5 _h]c b gd `U b g '9! 7 c a a Yf WY Ui Z'X]Y 'A Uf _hØV Yfk U W i b [

±0.6Yf`]b`k]fX`XYfnY]h`Y]b`VYXYi hYbXYg`H\Ya U`X]g_i h]Yfhž`XUg`X]Y Ni _i bZh`XYg`9!7ca a YfWY`]b`8Yi hgW\`UbX`VYY]bZi ggYb`_ÒbbhY" 8Yf` 5_h]cbgd`Ub`9!7ca a YfWY ž`XYf`Yfgha U`gʻj cb`Y]bYa 6i bXYga]b]ghYf]i a 'j cf[YghY``h`k i fXYž`n]Y`h`XUfUi Z`UVž`Ug]Uh]gW\Y D`UhhZcfa Yb`VYggYf`ni 'ØVYfk UWXYb"'8]Yg`Vf]b[h'b]WXh'bi f'Y]bY FY]\Y'j cb'J cfgWX`À[Yb'a]h'g]WXž'gcbXYfb'k]fZh'Ui WX': fU[Yb'ØVYf X]Y'JYfUbhk cfhi b['i bX'?ca dYhYbnYb'XYf'6Y\ÒfXYb'Ui Z"

8 Ub]Y`U'6`Y]a U]Yfž'X]Y'@Y]hYf]b ZØf'Di V`]W5 ZZU]fg']b'8 Yi hgW\`UbXžÀi » Yfh'6YXYb_Yb'\]bg]W\h`]W\ XYf'J Yf`U[Yfi b['j cb'?ca dYhYbnYb ni 'J YfVfUi W\Yfj YfVUbX"'K À\fYbX'g]Y'XYb'5bgUhn'XYg 6i bXYga]b]ghYf]i a g'ZØf'K]fhgW\UZh'i bX'?`]a UgW\i hn'fbA K ?\E']b XYf'GUW\Y'U`g'dcg]h]j 'YfUW\hYhž'k Ufbh'g]Y'XUj cfž'XUgg'Y]bY'ni ghUf_Y'9]bV]bXi b['j cb'J YfVfUi W\Yfj YfVÀbXYb']b'X]Y A Uf_hØVYfk UW\i b['dfcV`Ya Uh]gW\'gY]b'_ObbhY'' K Ybb'X]YgY J YfVÀbXY'Ui W\'GUb_h]cbga U» bU\a Yb'Yf[fY]ZYb'_ObbhYbž'k ÀfY XUg'Y]b'GW\f]hh'ni 'k Y]h ž'gc'6`Y]a U]Yf''\=\fY'Yi*Yfi b[Yb j YfXYi h`]W\Yb'X]Y'Bchk YbX][_Y]hž'X]Y'J YfUbhk cfhi b['_`Uf'ni XYZ]b]YfYb''

- K Ugʻ]ghʻXYfʻ5_h]cbgd`Ubʻ9!7ca a YfWY3'9]b
 i a ZUggYbXYgʻ?cbnYdhʻni fʻJYfVYggYfi b[ˈXYf
 A Uf_hØVYfk UW\i b[ˈi bX'ni a ˈGW\i hn XYfʻJYfVfUi W\Yfʻ]a
 C b`]bY!GY_hcf"
- K Yf']gh'VYhfcZZYb3'±b'YfghYf'@]b]Y'X]Y'6Y\ÒfXYbž'X]Y JYfVfUi WXYf'i bX'Ui WX'X]Y'Ug]Uh]gWXYb'D`UhhZcfa Ybž'X]Y']b 9i fcdU'U_h]j'g]bX"
- K c Z]bXYhX]Yg ghUhh3 ± 8 Yi hgW `UbXža]hY]bYa
 a Ò[`]WXYb 9]bZi gg Ui ZXYb [YgUa hYb Yi fcdÀ]gWXYb
 A Uf_h"
- K Ubb'k]fX'Yf'i a [YgYhnh3'8]Y'[YbUiYb'NY]h`]b]Yb'g]bX bcWX'b]WXh'ZYgh[Y`Y[hž'YXcWX'k]fX'Y]bY'nØ[][Y lagYhnib['Ub[YghfYVh"

± XYf'U_hi Y``Yb'8]g_i gg]cb'ØVYf'XYb'5_h]cbgd`Ub'9!7ca a YfW k]fX'Ui W\X]Y'Fc``Y'XYf'8][]hU`]g]Yfi b[']b'XYf'A Uf_hØVYfk UW\i b[\Yfj cf[Y\cVYb"'8i fW\XYb'9]bgUhn'a cXYfbYf'HYW\bc`c[]Yb_\ObbhY'X]Y'9ZZ]n]Ybn'XYf'6Y\OfXYb'[YghY][Yfh'k YfXYbž'k Ug\Yhnh`]W\Ui W\XYb'JYfVfUi W\Yfb'ni [i hY_Aa Y"' K]f'VfUi W\Yb a Y\f'A Ubdck Yf'i bX']bbcj Uh]j Y'@Ògi b[Ybž'i a 'X]Y < YfUi gZcfXYfi b[Yb'XYg'9!7ca a YfW'ni a Y]ghYfb ž'ZcfXYfh 6`Y]a U]Yf"

±0g[YgUa h'ghY``h'XYf'5_h]cbgd`Ub'9!7ca a YfW'Y]bYb
YbhgWXY]XYbXYb'GWXf]hh']b'F]WXhi b['Y]bYg'[YfY[Y`hYb'Cb`]bY!
A Uf_hYg'XUf"'8cW\'i a 'gY]bY'N]Y`Y'ni 'YffY]WXYbž'g]bX'_`UfY
F]WXh`]b]Yb'i bX'Y]bY'_`UfY'JYfhY]`i b['XYf'JYfUbhk cfh`]WX_Y]hYb
i bYf`Àgg`]WX"'8]YgYf'GWXf]hh'_ÒbbhY'b]WXh'bi f'X]Y
A Uf_hØVYfk UWXi b[']b'8Yi hgWX`UbX'fYj c`i h]cb]YfYbž'gcbXYfb
Ui WX'U`g'A cXY``'ZØf'UbXYfY'Yi fcdÀ]gWXY'@ÀbXYf'X]YbYb"

8 Y hU]`g

6Ygi WXYb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh