

$JYf_Y\fgi\ bZU^{U} Z'XYf'5'.$ @Y]WX hj Yf $YhnhYf'i\ bX'YfYV$]WX Yf'GhUi

 $\label{eq:continuous} $JYf_Y\setminus fgi\ bZU^*Ui\ Z'XYf'656'\]b:\ U\setminus fhf]WXhi\ b[\ ?O`b.^D?KibX'?^Y]bhfUbgdcfhYf'_c``]X]YfYb"^9]bY'DYfgcb'j Yf`Yhnhž Yf\YV^]WXY'JYf_Y\fgVYY]bhfAWXh][ib[Yb"$

JYf_Y\fgi bZU```Ui Z'XYf'656''. 5i gk]f_i b[Yb'Ui Z'X]Y'FY[]cb

9]b 'J Yf_Y\fgi b ZU```Ui Z'XYf'5i hc VU\b'' ']b :: U\fhf]W\hi b['? Ò`b VYgW\ÀZh][h'U_hi Y``X]Y 'Dc`]nY]X]fY_h]cb '? cV`Ybn'i bX'\Uh VYXYi hYbXY'5i gk]f_i b[Yb'Ui Z'XYb'J Yf_Y\fgZi gg']b'XYf'FY[]cb" 5a 'A]hhk cW\ž'XYb'%("\$, "&\$&(ž'[Y[Yb'&\$.%('I \fž'YfY][bYhY'g]W\XYf'J cfZU```Ui Z' < Ò\Y'XYg'6Yhf]YVg_]`ca YhYfg'+(ž) "

8 Yf'l b ZU``j Yf`Ui Z

Ni `XYa `I bZU```_Ua `Yg`nk]gW\Yb`Y]bYa `D?K `i bX`Y]bYa ?`Y]bhfUbgdcfhYf"`9fZfYi `]W\Yfk Y]gY`k i fXY``YX][`]W\Y]bY`DYfgcb `Y]W\hij Yf`Yhnh"`8]Y`VY]XYb`VYhY]`][hYb`: U\fnYi [Y`k UfYb`^YXcW\`gc ghUf_`VYgW\ÀX][hž`XUgg`g]Y`b]W\h'a Y\f`ZU\fhUi [`]W\`k UfYb`i bX UV[YgW\`Yddh`k YfXYb`a i gghYb"

FYhhi b[ga U»bU\a Yb i bX JYf_Y\fgY]bgW\fÀb_i b[Yb

I a 'X]Y'6Yhf]YVgghcZZYžX]Y'Ui g'XYb': U\fnYi [Yb'Ui g`]YZYbžg]W\Yfni 'VYgY]h][Ybž'k i fXYb'Ui W\'X]Y'Òfh`]W\Yb': Yi Yfk Y\fYb'i bX'X]Y 5i hcVU\ba Y]ghYfY]'\YfUb[Ync[Yb"'8]YgY'A U» bU\a Yb'nY][hYbž k]Y'k]W\h]['X]Y'Ni gUa a YbUfVY]h'j YfgW\]YXYbYf'9]bgUhn_fÀZhY']ghž i a `X]Y`G]W\Yf\Y]h'Ui Z'XYb`GhfU» Yb`gW\bY``gha Ò[`]W\k]YXYf\Yfni ghY``Yb"

JYf_Y\fgVY\]bXYfib[Yb'ibX'FØW_ghUig

8]Y'5i hcVU\b'a i gghY'ni bÀW\gh'j c``ghÀbX]['[YgdYffh'k YfXYbž'k Ug ni 'Yf\YV`]W\Yb'J Yf_Y\fgVYY]bhfÀW\h][i b[Yb'i bX'Y]bYa '`Ub[Yb FØW_ghUi 'ZØ\fhY"'BUW\'XYf'UbZÀb[`]W\Yb'J c``gdYffi b['_cbbhY'XYf JYf_Y\f'YXcW\'ØVYf'XYb'GhUbXghfY]ZYb'i a [Y`Y]hYh'k YfXYb"'8]Yg \U`Zž'X]Y'G]hi Uh]cb'nØ[]['ni 'YbhgW\ÀfZYbž'k Uf'YXcW\'ZØf'j]Y`Y 5i hcZU\fYfY]bY'i bUb[YbY\a Y'9fZU\fi b["

: Un]h. $^{\circ}8$]Y $^{\circ}6$ YXYi hi b[$^{\circ}g$]WXYfYf J Yf_Y\fgVYX]b[i b[Yb

I bZÀ``Y`k]Y`X]YgYf`j YfXYi h`]W\Yb`X]Y`K]W\h][_Y]hž`Ui Z`XYb`GhfU» Yb 5i Za Yf_gUa _Y]h`k U`hYb`ni ``UggYb"`8]Y`5i gk]f_i b[Yb`[Y\Yb`ØVYf XYb`A ca Ybh`XYg`I bZU``g`\]bUi g`i bX`VYhfYZZYb`X]Y`[YgUa hY FY[]cbž`XU`JYf_Y\fgghÒfi b[Yb`Ui W\`XUg`U``hÀ[`]W\Y`@YVYb`XYf 5bk c\bYf`VYY]bZi ggYb`_ObbYb"`8]Y`Dc`]nY]`?cV`Ybn`UddY``]Yfh`Ub U``Y`JYf_Y\fghY]`bY\a Yfž`ghYhg`k UW\gUa 'ni 'gY]b`i bX`X]Y JYf_Y\fgfY[Y`b`ni 'VYUW\hYbži a 'gc`W\Y`JcfZÀ``Y`gc`k Y]h`k]Y a Ò[`]W\`ni 'j Yf\]bXYfb"

 $6Y]^*k Y]^hYfYb^*: fU[Yb^*ghY \Yb^*X]Y^*DfYggYghY^*Y^*XYf \\ JYf_Y \fgX]^fY_h]cb^*?cV^*Ybn^*gck]Y^*X]Y^*Dc^*]nY]^*F \Y]b^*UbX!DZU^*n^*ni f \\ JYfZØ[ib["'8]Y^?cbhU_h]bZcfa Uh]cbYb^*g]bX.^*HY^*YZcb. \\ \$&* \%$'' $%"$

8 YhU]`g