

5fVY]hYf']b'CVYfVUmYfb'`YVYbg[YZÀ\f`]W j Yf`Yhnh''l bZU``'Ua''@_k''

±b °C VYfVUmYfb °k i fXY °Y]b °) %! ′À\f][Yf °A Ubb °VY] °Y]bYa 5fVY]hgi bZU```nk]gW\Yb `nk Y] °@_k °Y]b[Y_`Ya a h'i bX °gW\k Yf j Yf`Yhnh" °9fa]hh`i b[Yb ``Ui ZYb"



6i f[\Y]a ž'8Yi hgWX`UbX`!'=b`Y]bYa 'hfU[]gWXYb'5fVY]hgi bZU```]b
6i f[\Y]a ž'@UbX_fY]g'BYi Vi f[!GWXfcVYb\Ui gYbž'k i fXY'Y]b
) %!'À\f][Yf'A Ubb'gWXk Yf'j Yf'Yhnh"'K À\fYbX'Yf'Ua 'A chcffUi a
Y]bYg'@Ughk U[Ybg'UfVY]hYhYž'VUhYf'Y]bYb'(,!'À\f][Yb'?c``Y[Ybž
X]Y'NØbXi b['XYg': U\fnYi [g'ni 'VYhÀh][Yb"'9]b'Y]b[Y`Y[hYf'; Ub[
ZØ\fhY'XUni ž'XUgg'XYf'@Ughk U[Yb'g]WX'i bYfk UfhYh'j cfk Àfhg
VYk Y[hY'i bX'XYf'A Ubb'nk]gWXYb'nk Y]'@Ughk U[Yb'Y]b[Y_`Ya a h
k i fXY"'8Yf'JYf'YhnhY'k i fXY']b'_f]h]gWXYa 'Ni ghUbX'a]h'Y]bYa
FYhhi b[g\i VgWXfUi VYf']b'Y]b'?fUb_Yb\Ui g'[YVfUWXh"'8]Y
9fa]hhìi b[Yb'ni a '[YbUi Yb'I bZU``\Yf[Ub['g]bX'XYfnY]h']a '; Ub[Yž
i a 'X]Y'I fgUWXYb'i bX'a Ò[`]WXY'G]WXYf\Y]hga Àb[Y`'ni '_`ÀfYbž'k]Y
X]Y'DB D'VYf]WXhYh"

I bZÀ``Y'j cb'6Yfi Zg_fUZhZU\fYfb'g]bX'\Ài Z]['gWkk Yfk]Y[YbX'i bX_\doby\bz'k]Y'XYf'J cfZU``']b'6i f[\Y]a 'nY][hz'YfbghY': c`[Yb'\UVYb" @Ui h'XYf'8; I J 'k YfXYb'5fVY]hgi bZÀ``Y']a 'GhfU» Ybj Yf_Y\f'U`g VYgcbXYfY'? UhY[cf]Y'VYhfUW hYhz'i bX']a '\J\f'&\%, 'k i fXYb'ØVYf %', "\\$\\$'a Y`XYdZ]W\h][Y'I bZÀ``Y'j YfnY]W\bYh"'6YgcbXYfg VYhfcZZYb'g]bX'@' K !'i bX'D? K !: U\fYfz'k cVY]'Yhk U'XfY]'J]YfhY``XYf I bZÀ``Y']b'X]YgYb'; fi ddYb'j cf_ca a Yb"'8Yf'6Yf]W\h'\YVh'\Yfj cfz XUgg'I bZÀ``Y'a]h'@' K !6YhY]`][i b[']b'XYf'FY[Y`gWk Yfk]Y[YbXYf g]bX'U`g'UbXYfY'JYf_Y\fgi bZÀ``Yz'k Ug'VYhcbhz'k]Y'k]W\h]['X]Y 9]b\U`hi b['j cb'G]W\Yf\Y]hgdfchc_c``Yb']gh"

G]WXYf\Y]hga U»bU\a Yb i bX I bZU``ghUh]gh]_

8]Y'6i bXYgUbghU`h'ZØf'5fVY]hggW\i hn'i bX'5fVY]hga YX]n]b'f\b5i 5\text{UbU'mg]Yfh']b']\fYb'A\f`]W\Yb'6Yf]W\hYb\Z\k]Y'5fVY]hgi bZ\A``Y'i bX 6Yfi Zg_fUb_\Y]hYb']b'8Yi hgW\`UbX'Ui Z[YnY]W\bYhi bX'VY\UbXY`h k YfXYb"'=\f'6Yf]W\h'V]YhYh'k Yfhj c``Y'9]bV`]W_Y']b'X]Y 9bhk]W_`i b[Yb']a '5fVY]hg!'i bX'; Ygi bX\Y]hggW\i hn\Z'i bX'X]Y 8UhYb'k YfXYb'[Ybi hnh\Z'i a 'df\Aj Ybh]j Y'A U\rangle bU\a Yb'ni Ybk\]\W_Y`b'i bX'VYghY\YbXY'G]W\Yf\Y]hgghUbXUfXg'ni 'ØVYfdf\ØZYb'' =\a 'F U\a Yb']\fYf'I bhYfgi W\i b[Yb'k]fX'Ui W\X]Y'NU\`'j cb 5fVY]hgi bZ\A``Yb']a 'GhfU\rangle Ybj Yf_Y\f'h\Ya Uh]g]Yfh\Z'k Ug']b 5bVYhfUW\h'XYf'U_hi Y``Yb'9fY][b]ggY']b'6i f[\Y]a 'j cb'VYgcbXYfYf 6YXYi hi b[']gh\Z'k]Y'X]Y'65i 5 'XUfghY``h''

8]Y'FY'Yj Ubn'j cb'G]W\Yf\Y]hgj cf_Y\fi b[Yb'i bX'GW\i `i b[Yb'ZØf A]hUfVY]hYf']a '6YfY]W\'XYf'6Yfi Zg_fUZhZU\fYf'k]fX'gca]h'XYi h`]W\" 8i fW\'j YfVYggYfhY'GW\i `i b[ga U» bU\a Yb'i bX G]W\Yf\Y]hgghUbXUfXg'_ObbhY'XUg'F]g]_c'gc`W\Yf'gW\k YfYb'I bZ\`Y a O[`]W\Yfk Y]gY'[YgYb_h'k YfXYb"'8]Y'8UhYb'nY][Yb'ni XYa ž'XUgg hfchn'ghY][YbXYf'HfUbgdcfh`Y]ghi b[Yb'X]Y'5bnU\`'XYf'HcXYgZ\`Y]a '[Yk YfV`]W\Yb'6YfY]W\']bg[YgUa h'ghUV]`'Z\``hž'k Ug'Ui Z : cfhqW\f]hhY']a '5fVY]hgqW\i hn'\]bk Y]qh"

8 Y hU]`g	
J c f ZU``	5fVY]hgi bZU``

8 YhU]`g	
Cfh	6i f[\Y]a ž'8Yi hgW\`UbX
J Y f`Y hnhY	%
EiY``Yb	• k k k "dbd"XY
	• k k k "X[ij"XY
	• k k k "VUi U"XY

6Ygi WXYb G]Y i bg Ui Z b!U["bYh