

: fUi 'Ui Z'? fYi nZU\fh'j YfgWk i bXYb. 9\Ya Ubb'^Yhnh'ZfY][YgdfcWkYb°

9]b`XYi hgWXYf`#I!9I dYfhY`k i fXY`bUWX`XYa `JYfgWXk]bXYbgY]bYf`: fUi `k À\fYbX`Y]bYf`?fYi nZU\fh`ZfY][YgdfcWXYb"`8Yf : U```k]fZh:: fU[Yb`Ui Z'



9VYfgk U`XYž'8Yi hgWX`UbX`!' ⇒ Y]bYa 'Ui ZgY\YbYffY[YbXYb': U``k i fXY Y]b XYi hgWXYf' ≠ H!9I dYfhYž'XYf'k Y[Yb XYg'A cfXYg'Ub gY]bYf': fUi 'j Yfi fhY]`h'k i fXYž'\Yi hY'j ca '6Yfi Zi b[g[Yf]WXh']b Fca 'ZfY][YgdfcWXYb"'8]YgYf': U``n]Y\h'gY]h'IJ\fYb'X]Y
5i Za Yf_gUa _Y]h'XYf'A YX]Yb'Ui Z'g]WX'i bX'k]fZh': fU[Yb'ØVYf'X]YG]WXYf\Y]h'Ui Z'?fYi nZU\fhgWX]ZZYb'Ui Z''8Yf'A Ubbž'XYf']a j Yf[Ub[Yb'IJ\fri '&*'IJ\fYb'; YZÀb[b]g'j Yfi fhY]`h'k i fXYž``YVh a]hh`Yfk Y]`Y']b' = YUbX'i bX'\UhhY'gY]bY' < UZhghfUZY'V]g`Ub['b]WXh UbhfYhYb'a ØggYb"

8 Y f 'J c f ZU`` 'Y f Y][b Y h Y 'g] W '] a ': Y V f i U f '& \$ % + 'k À \ f Y b X 'Y] b Y f

A] h h Y `a Y Y f !? f Y i n ZU \ f h 'U i Z' X Y a 'G W \] ZZ' A G 7 'A U [b] Z] W U "' 8 Y f

) & ! À \ f] [Y 'f Y] g h Y 'a] h 'g Y] b Y f 'X U a U `g '' , ! 'À \ f] [Y b ': f U i 'i b X '] \ f Y b

nk Y]'_`Y]bYb'GÒ\bYb"'BUW\'Y]bYa '5i ZYbh\U`h'j cb'nY\b'HU[Yb']a
]hU`]Yb]gW\Yb'<UZYb'7]j]hUj YWW\]U'VYa Yf_hYb'X]Y'UbXYfYb
DUggU[]YfYž'XUgg'X]Y': fUi 'j YfgW\ki bXYb'k Uf"'@Ui h'XYb
5i ggU[Yb'XYg'A UbbYg'gY]'gY]bY': fUi 'k À\fYbX'Y]bYg'Ghcddg']b
; f]YW\Yb`UbX'j cb'6cfX'[Y[Ub[Ybž'YXcW\'[]Vh'Yg'j cb']\f'gY]hXYa
_Y]bY'Gdi f"

9fbYi hY fYWX h`]WX Y DfØZi b[

8 Ug; Yf]Wkh'\cV'XUg'I fhY]`XYf'YfghYb' \ ghUbn'Ui Zž'XU'Yg' c\bY X]Y'[Yf]b[ghY'`c[]gWk!' f]gh]gWkY'6Y[fØbXi b['j Yf\Àb[h'k cfXYb gY]" 8]Y'GhUUhgUbk U`hgWk UZh'\UhhY'Y]bY'6YghÀh][i b['XYf'&*'\\Y\fY < UZh'[YZcfXYfhž'XcWk'XUg'6Yfi Zi b[g[Yf]Wkh'ZUbX'_Y]bY \]bfY]WkYbXYb'6Yk Y]gY'ZØf'XYb'J cfk i fZ'XYg'A cfXYg"'8]Y JYfhY]X][Yf'XYg'9\Ya Ubbg'Ài »YfhYb'g]Wk'Yf'Y]WkhYfh'i bX ni Zf]YXYb'ØVYf'XYb': fY]gdfi Wk"

CVk c\`XYf'A Ubb'ZfY][YgdfcWXYb'k i fXYž'V`Y]VYb'j]Y`Y': fU[Ybfi bX'i a 'XUg'J YfgWk]bXYb'gY]bYf': fUi 'cZZYb"'9]b'?cZZYf'a]hY]bYf'Ug]Uh]gWXYb': fUi Yb`Y]WXY'k i fXY'nk Uf'[YZi bXYbž'[Y\OfhYYXcWX'b]WXh'XYf'j Yfa]gghYb': fUi "'6Yf]WXhY'ØVYf'a O[`]WXY9\YdfcV`Ya Y'i bX'8YdfYgg]cbYb'XYf': fUi 'k i fXYb'YVYbZU``gh\Ya Uh]g]Yfhž'V`Y]VYb'YXcWX'c\bY'_`UfY'6Yk Y]gY"

G]WXYfY]hUiZ??fYinZUYfhgWX]ZZYb

8 Yf: U``X]Ybh'U`g'hfUi f][Yg'6Y]gd]Y`ZØf'XUg'\Ài Z][Y
J YfgWk]bXYb'j cb'DUggU[]YfYb'Ui Z'? fYi nZU\fhgWk]ZZYb"'@Ui h'XYa
9I dYfhYb'Fcgg'? `Y]b'j YfgWk]bXYb'A\f`]Wk'a Y\f'U`g'&\$
A YbgWkYb'j cb'X]YgYb'GWk]ZZYbži bX'j]Y`Y'X]YgYf': À``Y'YbXYb
hÒX`]Wk"'9hk U'' \$i XYf'J Yfa]gghYbZÀ``Y'g]bX'c\bY'Y[`]WkY
<]bk Y]gY'Ui Z'XUg'GWk]W_gU``XYf'DUggU[]YfYž'k Ug'X]Y'8]g_i gg]cb
ØVYf'X]Y'G]WkYf\Y]hgghUbXUfXg']bbYf\U`V'XYf'6fUbWkY'Ub\Y]nh"

?f]h]_'k]fX'ni XYa 'Ub'XYb'FYYXYfY]Yb'`Ui hž'X]Y'cZh' \$\dag{2}cfa Uh]cbYb ni fØW_\U`hYb'i bX']b'Y]b][Yb': \(\A\)`Yb'gc[Uf'GhfUZYb'ZØf'j Yfgd\(\A\)hYhY A Y`Xi b[Yb'j cb'JYfa]gghYbZ\(\A\)`Yb'UV`Y\bYb'''8]Y'9]bZØ\fi b['Y]bYg'j]XYcVUg]YfhYb'BchZU``gmghYa g'Xi fW\'A G7'7fi]gYg']a '\dag{4}\f\&\\$%+

gc``Y]bYf'kY]hYfYb'JYfVYggYfib['XYf'G]WXYf\Y]hgaU»bU\aYbX]YbYbž'V`Y]Vh'YXcWX'ibnifY]WXYbXž'jcf'U``Ya'XU'j]Y`YFYYXYfY]Yb'X]Y'YbhgdfYWXYbXYb'HYWXbc`c[]Yb'bcWX'b]WXh]ad`YaYbh]Yfh'\UVYb"

K À\fYbX'XYf'DfcnYgg'i bX'X]Y'[Y[Yb']\b'Yf\cVYbYb'Jcfk ØfZY'ZØf XYb'Y\Ya U'][Yb'9\Ya Ubb'bi b'fYW\h`]W\'UV[YgW\`cggYb YfgW\Y]bYbž'V`Y]Vh'X]Y': fU[Y'bUW\'XYa 'JYfV`Y]V'gY]bYf': fUi 'i bX XYb'I fgUW\Ybž'X]Y'ni ']\fYa 'JYfgW\k]bXYb'ZØ\fhYbž'k Y]hYf\]b i b[Y`Ògh"'8]Yg'ZØ\fh'ni 'j Yfa Y\fhYa 'BUW\Xfi W_'Ui Z'X]Y Bchk YbX][_Y]h'j YfVYggYfhYf'G]W\Yf\Y]hgdfchc_c``Y'Ui Z'?fYi nZU\fhgW\]ZZYbž'i a 'XUg'JYfhfUi Yb'XYf'DUggU[]YfY'ni Yf\U`hYb"

: Øf'k Y]hYfY' ±bZcfa Uh]cbYb'ni 'X]YgYa '_ca d`Yl Yb': U```i bX'XYb < YfUi gZcfXYfi b[Yb'VY]'XYf'G]W\Yf\Y]h'Ui Z'?fYi nZU\fhgW\]ZZYb _ObbYb'G]Y'X]Y'6Yf]W\hY'j cb'fVV&(ž'HU[Yggd]Y[Y`'i bX'b!hj Y]bgY\Yb"

8 YhU]`g	
Cfh	9VYfgk U`XYž'8Yi hgW\`UbX
EiY``Yb	• k k k "fVV&("XY
	k k k "hU[Yggd]Y[Y`"XY
	• k k k "b!hj "XY

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