

: fYWXYbYf]b'A]f]Ua '6i h_YfY]h'Yf_Àa dZh G]`VYf'VY]'C `ma d]gWXYb'Gd]Y`Yb

A]f]Ua '6i h_YfY]h'Ui g': fYW\Yb'Yf_\Aa d\Zh'G]`VYf'VY]'XYb C`ma d]gW\Yb'Gd]Y`Yb']b'DUf]g'\&\\$\(("'9]b'[fc)\Yf'9f\Zc`['\Z\ØfXYb'F\Y]b!9f\Zh!?fY]g^\)

8]Y'5i gk]f_i b[Yb'XYf'c`ma d]gWXYb'9fZc`[Y'Ui Z'X]Y'`c_U`Y; Ya Y]bgWXUZh

9]b'bYi Yf'A Y]`YbghY]b'ZØf'XYb'F\Y]b!9fZh! ?fY]g

 $8]Y `c`ma d]gWXYb`Gd]Y`Y`]b`DUf]g``UVYb`Y]bY`[Ubn`VYgcbXYfY K YbXi b[`ZØf`X]Y`5h\`YhYb`XYg`F\Y]b!9fZh!?fY]gYg`[Ybca a Yb"`8]Y`$!^\A\f][Y`\si Xc_U`A]f]Ua `6i h_YfY]h`Ui g`: fYWXYb`\Uh`Ua A]hhk cWX\`ZXYa ``%"`\si`]\`ZY]bY`G]`VYfa YXU]``Y`]b`XYf`; Yk]WXhg_`UggY V]g`+$`?]`c[fUa a `[Yk cbbYb"`8]YgYf`9fZc`[`\Uh`b]WXh`bi f`]\fY dYfg\Ob`]WXY`?Uff]YfY`[Ydf\A[h\ZgcbXYfb`Ui WX`X]Y`[YgUa hY; Ya Y]bgWXUZh`]b`XYf`FY[]cb`VYZ\Ø[Y`h"$

9]b 6`]W_Ui ZXYb K Yhh_Ua dZ

A]f]Ua '6i h_YfY]hz'X]Y 'U`g'6i bXYgdc`]n]gh]b 'hÀh][']ghz'nY][hY k À\fYbX'XYg'Hi fb]Yfg'VYa Yf_Ybgk YfhY'@Y]ghi b[Yb"'=a J]YfhY`Z]bU`Y 'gYhnhY'g]Y'g]W\ 'a]h'Y]bYa :: i » k i fZ'[Y[Yb'X]Y 5i ghfU`]Yf]b '5ci]ZY'7ci [\`Ub'Xi fW\"'5i W\"]a '< U`VZ]bU`Y'_cbbhY'g]Y'Xi fW\"Y]bY'[YgW\]W_hY'< U`hYhYW\b]_'X]Y'6Y`[]Yf]b'; UVf]Y``U K]``Ya g'VYnk]b[Yb"'8YfgdUbbYbXY':]bU`_Ua dZ'ghUbX''YXcW\"]a NY]W\Yb'XYf'ghUf_Yb'@Y]ghi b['XYf'nk Y]ZUW\Yb'K Y`ha Y]ghYf]b 6UfVUfU'A Uh]WUi g'?fcUh]Ybz'X]Y'g]W\"Ua '9bXY'Xi fW\gYhnYb _cbbhY"'Hfchn'XYg'j Yf`cfYbYb':]bU`g'Ài » YfhY'6i h_YfY]hz'XUgg'g]Y

a]h']\fYf'@Y]ghi b['Ui Z'XYa'K Y['ni f'A YXU]``Y']bg[YgUa h ni \mathbb{Z} f]YXYb'gY]"

8]YFYU_h]cbYb]b XYf; Ya Y]bXY

8]Y'dcg]h]j Y'F YgcbUbn'Ui Z'6i h_YfY]hg'G]`VYfa YXU]``Y']gh']b'XYf
[YgUa hYb'FY[]cb'gdØfVUf"'<Ufha i h'DUi `Uhž']\f'GdcfhX]fY_hcfž
_ca a Ybh]YfhY'XYb'9fZc`['YfZfYi h.' K]f'ZfYi Yb'i bg'f]Yg][''=a
:]bU'Y'ZY\`hY']\f'bi f'XUg'_`Y]bY'Ei ÀbhW\Yb'; `ØW_ni a 'G]Y['''8]Y
I bhYfghØhni b['Ui g'XYf'; Ya Y]bgW\UZh'nY][h'g]W\']b'j]Y`Yb
; YgdfÀW\Yb'i bX'gcn]U`Yb'A YX]Ybž']b'XYbYb'`c_U`Y'Gdcfhj YfY]bY
i bX'6Øf[Yf'ghc`n'Ui Z'X]Y'9ffi b[YbgW\UZh']\fYf'5h\`Yh]b'g]bX"

$9]bY'=bgd]fUh]cb'ZØf'ni_ØbZh][Y'5h\`YhYb$

A]f]Ua '6i h_YfY]hg'9fZc`['_Ubb'U`g'A ch]j Uh]cb'ZØf'^\ b[Y'Gdcfh`Yf]a 'F\Y]b!9fZh!?fY]g'X]YbYb"'8]Y'`c_U`Y'GdcfhZÒfXYfi b[ž]bgVYgcbXYfY']a '\$\forall Xc\Z`\Uh']b'XYb'`YhnhYb'\J\fYb'ni [Ybca a Yb" 8]Y'<c\ZZbi b[\Z`XUgg']\f'9fZc`['X]Y'b\X\ghY'; YbYfUh]cb'Ub'5h\`YhYb]bgd]f]Yfh\Z`]gh'[fc\"8]Yg'_\ObbhY'XUni 'Z\X\fYb\Z`XUgg'a Y\f\\$\forall [YbX`]\X\Y']a '\$\forall Xc'U_h]j 'k YfXYb'i bX'g]\X\'Z\XfXYb '\@Y]ghi b[\ggdcfh'VY[Y]ghYfb"

8 Yf'K Y['ni f'A YXU]``Y'i bX'X]Y'6YXYi hi b[ZØf'Gdcfh`Yf

6i h_YfY]higY`VghinY][hYig]W\ hfchniXYf'9bhh\aigW\ib['\@VYf'XYb j Yf`cfYbYb'H]hY`'_\aa dZYb"'\=a '5F8!\=\hYfj]Yk 'fYZY_h]YfhYig]Y\.

8Yb``YhnhYb'?Ua dZini 'j Yf`]YfYb']gh'Y]bZUW\ hfUi f][" '\=\hY'9\f[Y]n i bX']\fY'9]bghY``i b['ni a 'Gdcfhig]bX'\YXcW\'6Y]gd]Y`Y'Z\@f'X]Y\
<]b[UVY*\Z'X]Y'YfZcfXYf`]W\']gh*\ia 'Ui Z']bhYfbUh]cbU`Yf'9VYbY\
YfZc`[fY]W\'ni 'gY]b"'8]Y'5h\`Yh]b']b'XYf'BUW\VYhfUW\hi b['a]h\
Y]bYa 'N]hUh'j cb'5b[Y`]ei Y'?YfVYf']b'9f]bbYfi b['ni 'fi ZYb*\Z'YUgg\
8]Y'c`ma d]gW\Y'G]`VYfa YXU]``Y'\Uh'a Ub'\Z\@f']a a Yf \\\Z'V`Y]Vh'g]Y\
U`g'J cfV]`X'\\Z\@f'j]Y`Y''

: Un]h

A]f]Ua '6i h_YfY]hg'9fZc`['VY]'XYb'C`ma d]gW\Yb'Gd]Y`Yb']gh'a Y\f
U`g'bi f'Y]bY'dYfgÒb`]W\Y'9ffi b[YbgW\UZh'Yf'\Uh'X]Y
; Ya Y]bgW\UZh'XYg'F\Y]b!9fZh!?fY]gYg'ni gUa a Yb[YVfUW\h'i bX
n]Y`h'XUfUi Z'UVž'X]Y'bÀW\ghY'; YbYfUh]cb''\f b[Yf'Gdcfh`Yf'ni
]bgd]f]YfYb"'8]Y'6YXYi hi b['XYf'C`ma d]UXYb'fY]W\h'k Y]h'ØVYf'XYb
Gdcfh'\]bUi g'i bX'VYY]bZi ggh'XUg'`c_U`Y'@YVYb'Ui Z'j YfgW\]YXYbY
K Y]gYb"

B 5;

8 YhU1`c

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