

## ?fmdhck À\fi b[Yb]a 5i Zk]bX.K]Y 6`cW\_WXU]bX]Y:]bUbnkY`h'fYj c`i h]cb]Yfh°



5G95B '\* Ž'@ÀbXYf[fiddY'!'K Ybb'a Ub'ØVYf'X]Y'Ni\_i bZh'XYf
: ]bUbnYb'gdf]W\hž'\_ca a h'a Ub'b]W\h'i a \]bž'X]Y'Fc``Y'jcb
?fmdhck À\fib[Yb'i bX'XYf'6`cW\_W\U]b!HYW\bc`c[]Y'ni
VY`Yi W\hYb"'GY]h'X]Y'YfghY'X][]hU`Y'K À\fib[ž'6]hWc]bž'&\$\$-']bg
@YVYb'[Yfi ZYb'k i fXYž'\Uh'g]W\'Y]b'fY[Y`fYW\hYf'Ghi fa 'Ub

♣bcj Uh]cbYb'YbhZU`hYh"'@Ui h'5]bj Ygh']gh'X]Y'9bhk ]W\_`i b['j cb
?fmdhck À\fib[Yb'ni 'Y]bYf'X]YgYf'fYjc`i h]cbÀfYb'J YfÀbXYfi b[Yb
]b'XYf': ]bUbnk Y`h'[Yk cfXYb"'8]YgY'X][]hU`Yb'cXYf'j ]fhi Y``Yb
K À\fi b[Yb'VUg]YfYb'Ui Z'ZcfhgW\f]hh`]W\Yf'?fmdhc[fUZ]Y'ZØf']\fY
G]W\Yf\Y]h'i bX'bi hnYb'a Y]gh'XYnYbhfU`]g]YfhY'BYhnk Yf\_Yž'VY\_Ubbh
U`g'6`cW\_W\U]b"

8Yf'?Yfb'jcb'?fmdhck À\fi b[Yb'`]Y[h']b'a Y\fYfYb

i bj Yfn]Wk hVUfYb 'A Yf\_a U`Yb. '8 YnYbhfU`]g]Yfi b[ $\check{z}$ X]Y 'J Yfk YbXi b[ $\_$ fmd hc[ $[fUZ]gWk Yf Dfc hc\_c``Y 'ni f'G]Wk Yf \Y]h\check{z}$ Y]bY '\c\Y HfUbgd UfYb n'Xi  $[fWk 'OZZYbh`]Wk Y'6`cW_Wk U]b!FY[]ghYf'gck]Y 'Y]bY `]a ]h]YfhY 'J YfZØ[<math>[VUf_Y]h'i bX'[[fYb nØVYfgWk fY]hYbXY]$ Ni  $[\grave{A}b[`]Wk_Y]h''6Y]'Y]bYa 'hmd]gWk Yb 'HfUbgU_h]cbgUV`Ui Z\check{z}'k]Y k Ybb '5`]WW '%'6]hWc]b 'Ub '6cV'gYbXYhž'k]fX'X]Y 'HfUbgU_h]cb j Yf]Z]n]Yfh'i bX'XUi Yf\UZh']b 'XYf'6`cW_Wk U]b'[YgdY]Wk Yfh'' '8]YgYg GmghYa 'gcf[h'ZØf'Y]bY'\c\Y'<math>\Rightarrow$ hY[f]hÀh'i bX'B UWkj c``n]Y\VUf\_Y]h j cb 'HfUbgU\_h]cbYb''

## ?fmdhck À\fi b[Yb']a ', VYfV`]W\_

8]Y'K Y`h'XYf'? fmdhck À\fi b[Yb']gh'Ài »Yfgh'j ]Y'ZÀ`h]["'BYVYb'XYa D]cb]Yf'6]hWc]b'[]Vh'Yg'nU\`fY]WXY'5`hWc]bg'k]Y'9h\YfYi a ž
7UfXUbc'i bX'Gc`UbU"'8]Y'gc'[YbUbbhYb'GhUV`YWc]bgž'k]Y'HYh\Yf
i bX'I G87ž'gd]Y`Yb'Y]bY'k]WXh][Y'Fc``Yž'XU'g]Y'Ub':]Uh!K À\fi b[Yb
[YVi bXYb'g]bX'i bX'gc'GhUV]`]hÀh'V]YhYb"'8UbYVYb'[]Vh'Yg'A Ya Y!
7c]bg'k]Y'8c[YWc]b'i bX'G\]VU'=bi ž'X]Y'ghUf\_'j ca '<mdY']b
gcn]U`Yb'AYX]Yb'`YVYb"'I h]`]hm!Hc\_Ybž'k]Y'6B6'j cb'6]bUbWYž
Z]bXYb']\fYa '9]bgUhn']bbYf\U`V'gdYn]Z]gWXYf'D`UhhZcfa Yb"

 $8 c W k U fi a "] bj Ygh] Yfyb "A Ybg W Yb"] b"? fmd hck Å \ fi b [Yb3'9] b ; fi b X "X U Z Ø f g] b X "X] Y "\ c \ Yb "F Yb X] h Y W U b W b "i b X "X] Y "A Õ[ `] W _Y] h ni f "8 ] j Yfg] Z ] _ Uh] c b "Ni X Ya "k ] f X "fi b X "i a "X] Y "I \ f" [Y \ Ub X Y `hž i b X X Ug "9] [Yb hi a "] gh X i f W "X] Y "6 `c W _ W U] b "[i h X c _ i a Ybh] Yfh i b X h f Ub g d U f Y b h " 8 Y b b c W "g] b X "X] Y "F ] g] _ Yb "b ] W h ni "i b h Y f g W Å h n Y b . X] Y "\ c \ Y "J c ` Uh] `] h Å h ž "G] W Y f \ Y ] h g f ] g] _ Y b "i b X "f Y [i ` Uh c f ] g W Y I b g] W Y f \ Y ] h Y b "_ Õ b b Y b "5 b ` Y [Y f" [Ub n 'g W N Õ b '] b g "G W k ] h n Y b V f | b [Y b" ]$ 

## 8]Y '6`c W\_ W \ U]b! H Y W \ b c `c [ ]Y 'i \ b X ']\ f Y G]W \ Y f \ Y]h

\_fmd hc [ fUZ]gWX Y `A Yh\ c XYb `[ Yg]WX Yfhž `k Ug `A Ub]di `Uh]cbYb bU\Yni `i ba Ò[`]WX `a UWX h" < ]YfVY] `\_ca a h'Y]b ? cbgYbga YWX Ub]ga i g `ni a `9]bgUhnž XYf `g]WX YfghY ``hž XUgg `U``Y FYWX bYf `]a `BYhnk Yf\_ `XYb `U\_hi Y``Yb `GhUbX `XYf `6`c W\_WX U]b VYghÀh][ Yb " `8 ]Yg `Yfa Ò[`]WX h'hfUbgdUfYbhY `i bX 'j YfhfUi Ybgj c``Y HfUbgU\_h]cbYb"

5``YfX]b[g']gh'X]Y'G]W\Yf\Y]h'XYf'6`cW\_W\U]b!HYW\bc`c[]Y'bcW\b]W\h'j c``gh\bX]['[Y\_`\Afh"'9]bY'<YfUi gZcfXYfi b['\_\ObbhY'XUg Ui ZghfYVYbXY'E i UbhYbWca di h]b['XUfghY``Ybž'XUg'VYghY\YbXY \_fmdhc[fUZ]gW\Y'5`[cf]h\a Yb'[YZ\\fXYb'\_\ObbhY"'8 U\Yf']gh?fmdhcU[]`]h\ah'[YZfU[hz'i a 'gW\bY``'Ui Z'dchYbh]Y``Y'GW\k \and W\YbfYU[]YfYb'ni '\_\ObbYb"

8]Y \_\_ØbZh][Yb 'HfYbXg']b 'XYf'? fmd hck À\fi b[gk Y`h`g]bX
j ]Y `j YfgdfYW\YbX" '8 Ug '\( \) hYfYggY 'Ub '\( \) hWc]b '9H: g `i bX 'j cb

NYb hfU`VUb\_Yb 'Ui g[Y[YVYbYb 'X][]hU`Yb 'K À\fi b[Yb 'ff7 68 7 g\( \) gck ]Y :: U\_hcfYb 'k ]Y 'X]Y '\( \) hY[fUh]cb 'j cb '? = ]b 'XYb '8Y: ]! 6YfY]W\( \) k YfXYb 'Ub ': U\fh'Ui ZbY\a Yb "'D`UhhZcfa Yb 'k ]Y 'Hc\_Yb 'A Yhf]W\( \) Yfk Y]gYb 'g]W\( \) 'U`g 'k Yfhj c``Y 'I bhYfghØhni b[ 'ZØf'\( \) j YghcfYb z X]Y ']b

X]YgYa 'XmbUa ]gW\( Yb 'A Uf\_h'VYghY\Yb 'k c``Yb "' < ]Yf'\_ObbYb

a U\( \) [YgW\( \) bY]XYfhY 'K Ufbi b[Yb 'i bX 'A Uf\_hUbU`mgYb '[Ybi hnh k YfXYb z 'i a 'X]Y 'VYghYb '9bhgW\( \) Y]Xi b[Yb 'ni 'hfYZZYb"

5VgWX`]Y» YbX``Àggh'g]WX`gU[Ybž'XUgg'X]Y`KY`h'XYf?fmdhckÀ\fib[Yb'ibX'XYf'6`cW\_WXU]b!HYWXbc`c[]Y`b]WXh'bif'Y]bYjcfØVYf[Y\YbXY`AcXYYfgWXY]bib[`]ghž'gcbXYfb'Y]bYZbXUaYbhU`Y`JYfÀbXYfib[`]b`XYf'5fh'ibX`KY]gY`XUfghY``hž'k]Y

 $k \ ]f' @VYf'; \ Y`X'i b X'HfUbgU\_h]cbYb'XYb\_Yb'''8 \ ]Y'FY]gY' \ Uh'[\ YfUXYYfgh'VY[\ cbbYbž'i \ b X'Yg'V`Y]Vh'gdUbbYbX'ni 'gY \ Ybž'k \ ]Y'g]WX'XYf A Uf\_h'i b X'X]Y'HYWXbc`c[ ]Y'k Y]hYfYbhk ]\ W_Y`b'k YfXYb''$ 

8YhU]`g	
Cfh	5G95B * ž'@ÀbXYf[ fi ddY
EiY``Yb	• k k k "U]bj Ygh"Wca
	• k k k "′da cf[ Ub"Wca
	• k k k "Vg]"Vi bX"XY

6Ygi WXYb G]Y i bg Ui Z k ca , + "XY