

K ]Y `a Ub `XUg `5I h̄k YfZYb `a Y]ghYfh`fli bX  
[ i h̄hfU]b ]YfhŁ"

Y `bUWXYa ž̄k Yb `G]Y `ZfU[ Ybž̄]gh`XUg `5I h̄k YfZYb `Ybh̄k YXYf  
Ui ZfY[ YbX `cXYf `Y]bgWØWØhYfbX " `GWØ `]Y » `]WØ `k YfZYb `G]Y `Y]bY  
5I h̄a ]h̄j c ``Yf` ; YgWØk ]bX][ \_Y]h̄Ui Z`Y]b `ghY\ YbXYg `N]Y ``  
8 ]Y `Yb][ Ybž̄X]Y `VY]a `5I h̄k YfZYb `Ui Z`X]Y `gWØØWØhYfbY `GY]h̄Y  
ghY\ Ybž̄k ]ggYbž̄XUgg `X]YgYf `VY `]YVhY `Gdcfh`a Y\ f `VY]b \ U`hYh  
Ug`bi f `XUg `K YfZYb `Y]bYf `5I h̄`F ]WØh̄[ Y `HYWØb]\_Ybž̄  
G]WØYf \ Y]hga U» bU\ a Yb `i bX `Y]b `e i U`Z]n]YfhYf `@Y \ fYf  
a UWØYb `X]YgYg `Gd]Y ``j ]Y ``k Yb][ Yf` [ fi gY`][ `i bX `gdUbbYbXYf`  
; Ubn`ni `gWØk Y][ Yb `XUj cbž̄XUgg `Yg `Y]b `? ]`Yf! HfU]b ]b [ `ZØf  
XYb `CVYf `OfdYf`]gh`i bX `X]Y `K c \ `ZØ\ `cfa cbY `gWØbY ``  
Ub\_i fVY `b `Ubb `fj cf `U ``Ya ž̄k Ybb `a Ub `XUg `N]Y ``YffY ]WØh̄  
I bX `k Ybb `A bYb `Ya UbX `nY][ h̄k ]Y `a Ub `Y]bY `5I h̄k ]fZhž̄  
XUbb `]gh`Yg `5 `]ggU / Ua d \ Y ``]d /



Y `bUWXYa ž̄k Yb `G]Y `ZfU[ Ybž̄]gh`XUg `5I h̄k YfZYb `Ybh̄k YXYf  
Ui ZfY[ YbX `cXYf `Y]bgWØØWØhYfbX " `GWØ `]Y » `]WØ `k YfZYb `G]Y `Y]bY  
5I h̄a ]h̄j c ``Yf` ; YgWØk ]bX][ \_Y]h̄Ui Z`Y]b `ghY\ YbXYg `N]Y ``  
8 ]Y `Yb][ Ybž̄X]Y `VY]a `5I h̄k YfZYb `Ui Z`X]Y `gWØØWØhYfbY `GY]h̄Y  
ghY\ Ybž̄k ]ggYbž̄XUgg `X]YgYf `VY `]YVhY `Gdcfh`a Y\ f `VY]b \ U`hYh`U`g`bi f `XUg `K YfZYb  
Y]bYf `5I h̄

F ]WX h][ Y 'HYWX b]\_YbžG]WX Yf\ Y]hga U» bU\ a Yb 'i bX 'Y]b  
ei U`]Zn]YfhYf '@Y\fYf'a UWX Yb 'X]YgYg 'Gd]Y`j ]Y`'k Yb][ Yf'[ fi gY'][  
i bX 'gdUbbYbXYf"; Ub n ni 'gWX k Y][ Yb 'XUj cbžXUgg 'Yg 'Y]b '?]`Yf!  
HfU]b]b[ 'ZØf'XYb 'CVYf '\_ØfdYf']gh i bX 'X]Y 'K c\ `ZØ\ `cfa cbY 'gWX bY``  
Ub\_i fVY 'b '\_Ubb 'f] cf 'U ``Ya žk Ybb 'a Ub 'XUg 'N]Y ``YffY]WX h"

I bX 'k Ybb 'A bYb 'Ya Ub X 'nY][ hžk ]Y 'a Ub 'Y]bY '5I h'k ]fZhž'XUbb ']gh  
Yg '5`]ggU 'K Yh\ YfVYYž X]Y 'gY]h ØVYf '&\$ 'J\ fYb 'dfc ZYgg]cbY ``]a  
< c`n! 'i bX ': cfghgdcfh'hY]`b]a a h'k Yh\ YfVYYž; fØbXYf]b 'j cb '5I Y  
K ca Yb '@c[ [ Yfg 'cZA U]bYž]gh XfY]a U][ Y 'K Y 'ha Y]ghYf]bžY]ba U`  
]a '5I h'k YfZYbžY]ba U ``]a 'DYUj Ym '@c[ 'Fc ``'i bX 'Y]ba U ``]a 'Hk c!  
K ca Ub '7fcgg! 7i h'GUk ]b[ " '6YY]bXfi W\_YbXži a 'Yg [ Y 'bXY  
Ui gni XfØW\_Yb"

J cf 'ØVYf '&\$ 'J\ fYb 'VY 'Y[ hY 'K Yh\ YfVYY ']a '5I h'k i fZ'XYb 'YfghYb  
D`Uhñ 'VY]a 'K cf 'X g 'C dYb '@ a VYf] ``'7cbhYgh 'b '6ccb j ] ``Yž'BYk  
Mc f \_ 'GY]hXYa ' \ Uh'g]Y ']b 'i bnÀ\ ``] [ Yb '5I h'k i fZ'K YhhVYk YfVYb ']b  
[ Ub n 'BcfXUa Yf]\_U '[ Yk cbbYb 'cXYf ' [ i hY 'D`Uhñ]Yfi b[ Yb 'Yfn]Y 'h  
i bX 'HUi gYbXYb 'j cb 'A YbgWX Yb ' 'XUfi b hYf '? Øb][ ]b '@Uh]ZU\ 'i bX  
< Uffm '7cbb]W\_ ' 'VY][ YVfUWX hžk ]Y 'a Ub 'Y]bY '5I h'k ]fZh"

→ b 'i bgYfYa 'Gdcfh'k YfZYb 'k ]f'[ fc » Zcfa Uh][ Y 'K Yhh\_Ua dZ  
K i fZAI hYž'Øk \ ]WX 'UfY 'X]ZZYfYbh'Zfca QX]Y '6Y]Yž'X]Y 'a Ub ']b '6Ufg  
i bX ']a ' : YfbgY \ Yb 'k YfZYb 'g]Y \ h žgU[ h'g]Y"

I bX 'XUa ]h'[ ]Vh'K Yh\ YfVYY ']\ fY 'VYghYb 'H]ddgž'i a 'A bYb 'XUg  
gWX A fZghY 'fl bX 'g]WX YfghY '9f 'YVb]g 'VY]a '5I h'k YfZYb 'ni 'V]YhYb"

9]bY '\_i fnY ' ; YgWX ]WX hY 'XYg '5I h'k YfZYb g

→WX 'XYb \_YžYg 'k ÅfY 'i ba Ø[ ' ]WX ž'XYb 'U ``YfYfghYb 'K YhhVYk YfV ']a  
5I h'k YfZYb 'Zghni bU[ Y 'b 'žgU[ h'K Yh\ YfVYYž XU ']a '@Ui ZY 'XYf 'NY]h  
j ]Y 'Y ' ; YgWX ]WX hYb 'ØVYf 'XYb 'I fgdfi b[ 'XYg '5I h'k YfZYbg  
[ YgdfcWX Yb '\ UVYb "

J cb ' ; YgWX ]WX hYb 'ØVYf 'X]Y < c`nZÀ ``Yf 'U[ Yf ']b 'XYb  
bcfXUa Yf]\_Ub]gWX Yb 'K Å 'XYfbž]b 'XYbYb 'X]Y < c`nZÀ ``Yf  
K YhhVYk YfVY 'VY]a ' < UW\_YbžGÀ[ YbžFc ``Yb 'j cb '6Ui a ghÀa a Yb

i bX'5I hk YfZYb'j YfUbghU'hYhYb'j a '\YfUi gni Z]bXYb'k Yf'ja '@U[ Yf XYf'GhÀf\_ghY'i bX'GWX bY`ghY'k Uf'ØVYf'; fYbn[ Àb[ Yf'fl bX'!ZfUi Yb'Ł V]g'\]b[ni 'K ]\_b[ Yf\U'hi b[ Yb'K YhhVYk YfVY"

K Ug'Ui WX'ja a Yf'XYf'I fgdfi b[ 'ghž'X]Y'5I h']gh'Y]b'K Yf\_nYi [ ž'XUg ]a '@Ui ZY'XYf'; YgWX]WX hY'Ui Z'XYf'[ UbnYb'K Y'hj Yfk YbXYh'k i fXY" I bX'Yhnh'\UVYb'G]Y'X]Y'7\UbWXžY]bY'5I h']b'X]Y'<UbX'ni 'bY\ a Yb i bX'X]Y'; YgWX]WX hY'X]YgYg'\]ghcf]gWX Yb'Gdcfhg'Zcfhni gYhnYb' [ Ubn'ni 'gWX k Y][ Yb'XUj cbž'XUgg'G]Y'YYXY'A Yb[ Y'GdU» '\UVYb k YfXYb"

## K ]Y'a Ub'Y]bY'5I h'k ]fZh'ZØf'5bZÀb[ Yf

- GWX f]hh%. 'GhY`Yb'G]Y'g]WX'&\$': i » j cb'ÀfYa 'N]Y`YbhZYfbh Ui Z'
- GWX f]hh'&.'<U'hYb'G]Y'X]Y'5I h'a ]h'VY]XYb'<ÀbXYb'i bhYb Ua 'Gh]Y`ZYgh'fK Yh\YfVYY'Yf[ fY]Zh'X]Y'5I h'a ]h'XYf'']b\_Yb <UbX'i bhYb'i bX'XYf'fYWX hYb'<UbX'X]fY\_h'ØVYf'XYf'']b\_Yb"Ł
- GWX f]hh''. ' <U'hYb'G]Y'ÀfY'GWX i 'hYfb'[ YfUXY'ni a 'N]Y'i bX n]Y\Yb'G]Y'X]Y'5I h'[ YfUXY'bUWX'\]b hYb'ØVYf'ÀfYb'?cdZ' fA UWX Yb'G]Y'g]WX'\_Y]bY'Gcf[ Yb'k Ybb'XYf'?cdZXYf'5I h'ÀfYb'FØW\_Yb'VYfØ\fh' 'Yg'gWX bY]XYh'G]Y'b]WX h'K i fZÀI hY g]bX'b]WX h'fUg]Yfa YggYfgWX UfZ'Ł
- GWX f]hh'(. 'K YfZYb'G]Y'X]Y'5I h'z'U'g'cV'G]Y'Y]bYb': i » VU'ØVYf'ÀfYb'?cdZ'k YfZYb'k ØfXYb'j bX'VY\U'hYb'G]Y'Àf'N]Y' ja '5i [ Y'"@UggYb'G]Y'X]Y'5I h'cgž'k Ybb'ÀfY'<ÀbXY'a ]h'XYf A ]hhY'ÀfYg'N]Y'g'Ui g[ Yf]WX hYh'g]bX'j bX' 'k Ug'Ua k ]WX h'][ ghYb'gh' 'U'hYb'G]Y'ÀfY'<ÀbXY'Ui Z'XUg'N]Y' [ Yf]WX hYh'V]g'X]Y'5I h'UbXYh'fK Ybb'G]Y'ÀfY'<ÀbXY i ba ]hhY'VUf'bUWX'XYa '@cg'UggYb'XYf'5I h'ZU'Yb'UggYb'ż k ]fX'X]Y'5I h'\ØWX ghk U\fgWX Y]b]WX'\_bUdd'j cf'ÀfYa 'N]Y' 'UbXYb"Ł
- GWX f]hh') . 'K Ybb'X]Yg'g]WX Yf'a Ø[ ']WX'']ghž'c'Yb'G]Y'ÀfY' 5I h'j ca 'N]Y'ni fØW'\_i bX'k ]YXYf'c'Yb'G]Y'XYb'Jcf[ Ub[ "

8 Yb\_Yb'G]Y'XUfUb. ' , Vi b[ 'a UWX h'XYb'A Y]ghYf'i bX'XUg A i g\_Y'[ YXÀWX hb]g'']gh'XYf'GWX'ØggY'ni a '5I hk YfZYb'ż'gU[ h

K Yh\YfVYY"

Ni gÀhn`]W\Y.HYW\ b]\_Yb ni a '5I hk YfZYb

9g[ ]VhUbXYfY U\_nYdUV.Y A Ò[ `]W\Y]hYbžY]bY'5I hni 'k YfZYb"  
GcVU'X'G]Y'a ]hXYa ', VYb'VY[ ]bbYbžk YfXYb'G]Y '\YfUi gZ]bXYbž  
k Y'W\Y.HYW\ b]\_ZØf'G]Y'Ua 'VYghYb'Z b\_h]cb]Yfh"

- 9]b\ÀbX][
- < ]bhYf\À'h][
- A UW\Yb'G]Y'VY]a 'K YfZYb'Y]bYb'GW\ f]hh'bUW\ j cfbY
- GhY\Yb'G]Y'a ]hXYb'NY\Yb'Ub'XYf'&\$!: i »!@]b]Y
- 6Y]a 'K YfZYb'X]Y: Ø» Y'ØVYf\Ui dh'b]W\h'VYk Y[ Yb

I bj Yfn]W\hVUfY'5I gfØghi b[ 'i bX'5I gfØghi b[  
ni a '5I hk YfZYb

K Ybb'G]Y'b'ÀfYa'; UfhYb'a ]hY]bYf'[ fc» Yb'5I h'f\Y]b'6Y]`ŁØVYb  
a ÒW\hYbža ØggYb'G]Y'XYb'N]Y'gW\Y]VYbghÀbXYf'gY'Vgh'VUi Yb"

K Ybb'XUg'6Ui Yb'b]W\h'Àf'8]b[ ']ghž\_ÒbbYb'G]Y'YXYfnY]hY]bYb  
5I h'K i fZgW\Y]VYbghÀbXYf'\_Ui ZYbžX]YgYf'Y][ bYh'g]W\ 'YXcW\ 'Ua  
VYghYb'ZØf'6Y]Y'YI hY'j c''Yf'; fØ» Y'YfZcfXYfb'gW\k YfYfY'GhÀbXYf"

6YXYb'\_Yb'G]YžXUgg'XYf'6Ui 'Y]bYg'Y][ YbYb'N]Y'gW\Y]VYbghÀbXYfg  
cXYf'X]Y'6Yui ZhfU[ i b[ 'Y]bYf'UbXYfYb'DYfgcbžX]Y'9]b\Y]h'ZØf'G]Y  
ni 'VUi Ybžj ]Y'[ Øbgh][ Yf']gh"

- 9]b'5I h'K i fZn]Y'. '5'g'A UhYf]U'ZØf'X]Y'N]Y'gW\Y]VY  
Ya dZ]Y\h'K Yh\YfVYY? ]YZYfb\c'nž'Dc'Uf\c'n'cXYf  
DUddY'\c'n'i bX'VYj cfni [ h'Y]bY'N]Y'gW\Y]VY' ]b  
GhUa a Zcfa 'fbXYf'fi bXYf': cfa Ł"

8]Y'K cf'X'5I Y'H\fc k ]b[ '@YU[ i Y'\_Ubb'G]Y'GW\ f]hh'ZØf'GW\ f]hh'XUVY]  
i b hYfghØhYbžk ]Y'G]Y'Àf'Y][ YbYg'N]Y'YfghY'YbžcXYf'G]Y  
\_ÒbbYb'Y]b'GhUfhYf! ? ]h'VYghY'Ybži a 'XYb'6Ui dfcnYgg'bcW\

Y]bZUW\Yf'ni 'a UW\Yb"

- 8 Yf'GhUbX. '8 ]Y'A ]hhY'fbi ``gYmY'Δ fYg'N]Y'g'a i gg'g]W\%ž) 'A YhYf'ØVYf'XYa '6cXYb'VYZ]bXYb"G]Y'\_ObbYb'Y]bYb GhAbXYf'Ui g'<c'n'cXYf'A YhU``\YfghY``YbžUVYf'XYb\_Yb'G]Y XUfUbž'XUgg'Yf'ghUV]`gY]b'a i gg"

K Yh\YfVYY'Yf\_`Afhž'XUgg'XUg'N]Y`gW\k Yf'gY]b'a i ggž'XU'a Ub b]W\h'a ØW\hYž'XUgg'X]Y'K i W\h'XYf'5l h'Yg'i a k ]fZh"'.fK Ug'Y]bY j c`k Yfh][ Y'5l h'g]W\Yf']W\h'i b' \_Obb hY'Ł

5a 'VYghYb'Y][ bYh'g]W\Y]b'GhAbXYf']a'GhUhj gh)`a ]h'nk Y]6Y]bYb j cfbY'i bX'Y]bYa ``Y]W\h'bUW\`]bhYb'[ YbY][ hYb'6Y]b" '9a dZ]Y\`h K Yh\YfVYY"

- 8 ]Y'5l h.'Ni 'Yhnh'VYbØh][ Yb'G]Y'Y]bY'5l h'K Yh\YfVYYg VYj cfni [ hY'K i fZAI hY'k YfXYb'\]Yf']b'XYb'J YfY]b][ hYb GhUUhYb'j cb'DfYWg]cb'5l Yg']b'?U']Zcfb]Yb'\Yf[ YghY``h" G]Y'g]bX'\UbX[ YZYfh][ h'i bX'\_ObbYb'Δ fY'5l h'[ YbUi 'bUW\'Δ fYb K ØbgW\Yb'Ub'dUggYb"K Yh\YfVYY'VYj cfni [ h'VY]gd]Y'gk Y]gY'Y]bY Yhk Ug'gW\k YfYfY'K i fZUI hž'XUa ]h'XYf'K ]bX'VY]a'K YfZYb']a : fY]Yb'\_Y]b'gc'[ fc» Yg'DfcV'Ya 'XUfghY``h"

: Øf'Y]bYb ``Y]W\hYfYb'GhAbXYfž'XYb'G]Y'cb']bY'\_Ui ZYbžj Yfk YbXYb G]Y']a a Yf'Y]b'6Y]"

K Yh\YfVYYg'G]W\Yf\Y]hgh]ddg'i bX'k Ug'a Ub VY]a '5l hk YfZYb'b]W\h'i b'hi b'gc``hY

'A ]h'XYa 'Gdcfh'XYg'5l hk YfZYbg'a ØggYb'Y]b][ Y'gY\f'ghfYb[ Y G]W\Yf\Y]hgh]ddg'Y]b\Yf[ Y\Yb"K Yh\YfVYY'[ ]Vh'X]Y'k ]W\h][ ghYb H]ddgž'XUa ]h'Δ f'Gd]Y''GdU»'a UW\h'i bX'j Yf'Yhni b[ gZFY]V'Y]Vh"

- GhY``Yb'G]Y']a a Yf'g]W\Yfž'XUgg'Δ f'K i fZVYfY]W\`fl bX'X]Y i ba ]hhY'VUfY'I a [ YVi b[ 'i a 'G]Y'`Yfi a Ł'ZFY]j cb A YbgW\Ybž<Ui gh]YfYbž? ]bXYfb'i gk ``]gh"
- 5l hk YfZYb']gh'Y]b'gi dYfg]W\YfYf'Gdcfh'fbi W\k Ybb'Yg'ZØf

- a UbWY Y.Y]bgWØW hYfbX'gY]b '\_UbbŁ'gc`Ub[ Y.G]Y.Yg  
f]W h][ 'a UWYb'i bX'Δ fYb '[ Ygi bXYb'A YbgWYbj YfghUbX  
bi hnYb"
- K YfZYb'G]Y'b]W h'a ]h'DYfgcbYbz'X]Y ni 'bU\Y.VY]Δ bYb  
ghY\Ybz'\]bhYf'Δ bYb '[ Y\Yb'cXYf'k Ybb'X]Y'A Δ[ ']W\_Y]h  
VYghY\h'XUgg'g]Y'g]W ni 'bU\Y.Ub'Δ fYa 'N]Y.VYZ]bXYb"
  - GWΔfZYb'G]Y'Δ fY'K i fZUI h'b]W h'ni 'ghUf\_"f9]bY'ghi a dZY  
5l h'Y][ bYh'g]W hUhgΔW ]W Ua 'VYghYb'ni a 'K YfZYb"Ł
  - GhY'Yb'G]Y'g]W Yf'XUgg'Δ fY'[ YgUa hY'5i gfØghi b[ ']b  
[ i h'Y a 'N]i ghUbX'gh"
  - K YfZYb'G]Y'b]W h'Ui Z'Y]b ']bghUV]`Yg'cXYf'']bghUV]`Yg'N]Y'"
  - GhY'Yb'G]Y'g]W Yf'XUgg'Δ fY'5l h'Z'gh[ YghYW\_h'i bX  
j Yf\_Y]h'']gh'XUg'\\Y]» h'XYf'?cdZXYf'5l h']gh'a ]h'Y]bYa  
GdUbbgh]Zh'Xi fW 'X]Y'A ]h'Y'XYg'?cdZ'g'i bX'Y]bYa '?Y]z'XYf  
]b'X]Y'C VYfgY]h'XYg'; f]Zg'[ YgWU[ Yb'k ]fX'Ub'Δ fYa  
; f]Z'VYZ'gh][ h"
  - K YfZYb'G]Y'b]Ya U'g'a ]h'cgYa '5l h\_cdZ'cXYf  
[ YVfcW YbYa 'Gh]Y'"
  - 5W h'Yb'G]Y'VY]a 'K YfZYb'Ui Z'U'Yg'k Ug'g]W h'ØVYf  
Δ bYb'VYZ]bXYb' \_ObbhY'z'n''6''YghY'z'K AgWY'Y]bYbż  
<Δb[ Y'Ua dYb'i bX'UbXYfY'; Y[ YbghΔbXY"

A ]h'Y]bYa '[ i h'Yb'N]Y'ghUbX'i bX'Y]b[ Y\U'h'YbYb'G]W Yf\Y]hgfY[ Y'b  
\_Ubb'XUg'5l h'k YfZYb'ni 'Y]bYa 'ZUbhUgh]gW Yb'<cVVm'k YfXYbż'XUg  
? fUZh'hfU]b]b[ 'Zof'; Y\]fb'i bX'C VYf'\_OfdYf'V]Yh'Yh'

8 YhU]`g

6 Ygi W Yb'G]Y'i bg'Ui Z'a Y]b!Z]hbYgg"bYh