

# %"\$\$\$'9I ]!GmfYf']b'8cfha i bX.'DfchYgh [ Y[ Yb'5ggUX'i bX'ZØf'N]j ]`gWÅ i hn°

Fi bX'%"\$\$\$'9I ]!GmfYf'dfchYgh]YfYb']b'8cfha i bX'[ Y[ Yb  
5ggUXžk À\fybX'g`Ua ]ghYb'8Ua Ug\_i g'YfcVYfb'i bX': f]YXYb  
ZcfXYfb"

8cfha i bXž'8Yi hgWÅ`UbX'!'9]bY'i b[ `Ui V`]WÅY'5bgdUbbi b[ `i bX  
XUbb`Y]b`Ghi fa `XYf'9a ch]cbYb`Fi bX'%"\$\$\$'9I ]!GmfYf'ghfØa hYb  
]b'8cfha i bX'Ui ZX]Y`GhfU»Ybž'i a `XUg`Ui ZFY[ YbXY'9bXY`Y]bYf`YfU  
ni `ZY]Yfb"'8Yf`VYfØW.h][ hY`DfÅg]XYbh'6UgWÅUf`U'!5ggUX'gc`  
[ YZc`Yb`gY]bž'k À\fybX'g`Ua ]gh]gWÅY`?Åa dZYf`X]Y`gmf]gWÅY  
<Ui dhghUXh'8Ua Ug\_i g'i bhYf`]\fY'?cbhfc`Y`VfUWÅhYb"'8]YgY  
i bYfk UfhYhY`K YbXY`ÖghY`b]WÅh'bi f`]b`Gmf]Ybž'gcbXYfb`Ui WÅ`]b  
[ Ubn`BcfXf\Y]b!K YghZU`Yb`Y]bY`K Y`Y`XYf'6Y[ Y]ghYfi b[ `Ui g"  
8Ya cbghfUbhYb`f]YZYb`Ui hghUf`\_bUWÅ': f]YXYb`i bX': fY]\Y]h'ZØf`\f  
[ Y`]YVhYg`<Y]a Uh`UbX"

⇒'8cfha i bX'ZUbX'g]WÅ`X]Y'; fi ddY`fi bX'i a `5W]j Y`Zcf  
: fYXXca ` `Y]b`Ni gUa a YbgWÅ`i gg'gmf]gWÅYf'9I ]!5\_hj] ]ghYb`  
ni gUa a Ybž'i a `b]WÅh'bi f`X]Y': `i WÅh]j cb'5ggUX'ni `ZY]Yfbž'gcbXYfb  
Ui WÅ`Gc`]XUf]hÅh'a ]h'XYb`j YfV`]YVYbYb`N]j ]`]ghYb`]b`Gmf]Yb`ni  
nY][ Yb"K 8F!FYdcfhYf`VYf]WÅhYhYb`j cb`Y`fZ fWÅhgY]bZØ»YbXYb  
A ca YbhYbž'U`g`K Y`Yb`j cb`A YbgWÅYba UggYb`i bX`HfUbgdUfYbhY  
X]Y`GhfU»Yb`Yf\Y`hYb"'8]Y`DfchYgh]YfYbXYb`f]YZYb`Ui h.`: fY]\Y]h  
ZØf`Gmf]Yb`i bX`6mY`6mY`5ggUX`"'8]Yg`k Uf`Y]b`\_UfYf'5i Zfi Z`Ub  
X]Y`]bhYfbUh]cbU`Y'; Ya Y]bgWÅUZh`GWÅØhnhX]Y`A YbgWÅYb`]b  
Gmf]Yb`

## 9]bY`F Yj c`i h]cb`YVh`k Y]hYf

8cWÅ'8cfha i bX`k Uf`b]WÅh`X]Y`Y]bn][ Y`GhUXhž`X]Y`GWÅUi d`Um

X]YgYf` \]ghcf]gW`Yb`GnYbYb`k i fXY""5i W` ]b`K i ddYfhU`ž`6cbbž  
A ØbghYfž`8ØggY`XcfZi bX`k Y]hYfYb`Gh`XhYb`\_Ua Yb`hUi gYbXY  
ni gUa a Yb`": Øf`j ]Y`Y`VYXYi hYhY`X]YgYf`A ca Ybh`X]Y`: cfhgYhni b[  
XYf`gmf]gW`Yb`FYj c`i h]cb`j cb`&\$%ž`X]Y`bi b`]b`Y]bYf`bYi Yb  
<cZZbi b[ `Ui ZV`Ø`hY. `9]b`Gmf]Yb`ZFY]j cb`8]\_hUhi f` `8]Y  
; fi dd]Yfi b[ `<U`Uh`HU`f]f`U`!GW`Ua `i bX`]`fY`J YfVØbXYhYb` \UVYb  
Y]b`?Ud]hY`XYf`<cZZbi b[ `Ui Z[ YgW`U[ Yb`"

<cZZbi b[ `i bX` : Y]Yfb` ]b` [ Ubni`B F K

8]Y`9I ]!GmfYf`Ya dZ]bXYb`X]YgY`9bhk ]W`\_i b[ `U`g`Y]bYb`k ]W`h][ Yb  
A Y]`YbghY]b`ja `?Ua dZ[ Y[ Yb`XUg`5ggUX!FY [ ]a Y`": Øf`K 8 F  
gdfUW`F YdcfhYf`6cf`Ub`5\_]X`j cb`Y]bYf`Ui g[ Y`UggYbYb`i bX  
ZY]Yf`]W`Yb`Gh]a a i b[ `]b`K i ddYfhU`ž`k c`A YbgW`Yb`XYi h]W`Y  
9a ch]cbYb`nY][ hYb`i bX`gc[ Uf`Hf`AbYb`j Yf[ cggYb`"G]Y`f]YZYb  
VY[ Y]ghYfhž`XUgg`g]Y`bi b`\_Y]bY`5b[ gh`a Y`f` \UVYbž`]b`]`fY`<Y]a Uh  
ni fØW`\_ni \_Y`fYb`"

K `A`fYbX` ]b`Gh`XhYb`k ]Y`?Ø`b`[ Yd`UbhY`8Ya cbghfUh]cbYb`b]W`h  
ghUhhZUbXYbž`k Uf`X]Yg`Y]b`K cW`YbYbXYž`XUg`; YgW`]W`hY`gW`f]YV`"  
8]Y`Fi ZY`bUW`J Yf`AbXYfi b[ `i bX`Y]bY`VYggYfY`Ni \_i bZi`U`Y`b  
Xi fW`X]Y`GhfU»Yb`"<cZZbi b[ Yb`Ui ZY]b`Gmf]Yb`ZØf`U`Y`g]bX`gc  
`YVYbX][ `k ]Y`b]Y`ni j cfž`Ui W`k Ybb`X]Y`Cf[ Ub]gUhcYb`j cb`5Wh]j Y  
Zcf` : fYYXca `gY`Vgh`=g`Ua ]ga i g`UV`Y`bYb`"9g`V`Y]Vh`UVni k UfhYbž  
k ]Y`X]YgY`XfUa Uh]gW`Y`9bhk ]W`\_i b[ `X]Y`dc`]h]gW`Y`@UbX`\_UfhY  
Gmf]Ybg`i bX`XYf`K Y`h`VYY]bZi ggYb`k ]fX`"

8]Y`6chgW`UZh]gh`\_Uf. `8Yf`K ]`Y`XYg`J c`\_Yg`]gh`ghUf`\_ž`i bX`Y[ U`ž  
k ]Y`hi fVi `Ybh`X]Y`NY]hYb`g]bXž`XYf`K i bgW`bUW` : f]YXYb`i bX  
: fY`\Y]h`k ]fX`b]W`hi bhYfXfØW`h`

8YhU]`g	
C fh	8cfha i bXž`8Yi hgW`UbX

6Ygi W\Yb`G]Y`i bg`Ui Z.`b!U[ "XY