

6fYa Yb`ZfU[h. : Ø\`Yb`G]Y`g]W\`g]W\Yf`]b
⇒ fYf`GhUXh3

8 Ug`@UbXYg_f]a]bU`Ua h`6fYa Yb`VYZfU[h" "\$\$\$`6Øf[Yf`ni f
G]W\Yf\Y]h`b`6fYa Yb`i bX`6fYa Yf\Uj Ybž`i a `XUg
G]W\Yf\Y]hg[YZØ\`ni `j YfghY\Yb"



6fYa Ybž`8Yi hgW\`UbX`!`8 Ug`@UbXYg_f]a]bU`Ua h`6fYa Yb
ghUfhYh`Y]bY`i a ZUggYbXY`G]W\Yf\Y]hgVYZfU[i b[ž`X]Y`]b`XYb
_ca a YbXYb`K cW\Yb`fi bX` "\$\$\$`6Øf[Yf`]b`6fYa Yb`i bX
6fYa Yf\Uj Yb`YffY]W\Yb`k]fX``8]Y`Dc`nY]`a ØW\hY`YfUi gZ]bXYbž
k]Y`g]W\Yf`g]W\`X]Y`A YbgW\Yb`]b`]\fYf`l a [YVi b[`ZØ\`Yb`i bX`cV
g]Y`VYgh]a a hY`CfhY`U`g[YZÅ\`f`W\`k U\fbY\`a Yb``8]YgY`l a ZfU[Yž
X]Y`VYfY]hg`&\$&&`Xi fW[YZØ\`fh`k i fXYž`n]Y`h`XUfUi ZUVž`k Yfhj c`Y
9f_Yb`hb]ggY`ØVYf`XUg`G]W\Yf\Y]hg[YZØ\`XYf`6Øf[Yf`gck]Y`XYfYb
G]W\h`Ui ZX]Y`Dc`nY]UfVY]h`ni `[Yk]bbYb"

8]Y`9f[YVb]ggY`XYf`6YZfU[i b[`gc``Yb`X]Y`Dc`nY]UfVY]h`cdh]a]YfYb
i bX`ni `Y]bYf`J YfVYggYfi b[`XYf`@YVYbgei U`]hÅh]b`XYf`FY[]cb
VY]hfU[Yb``8]Y`6YZfU[hYb`k YfXYb`Ui ggW\`Y`»`]W\`dYf`Dcgh

_cbhU_h]Yfhž'i a 'A]ggVfUi W'Xi fW'?'f]a]bY`Y'ni 'j Yfa Y]XYb"'8]Y
I a ZfU[Y'_Ubb'gck c\`']b'gWf]Zh']WYf': cfa 'U'g'Ui W'cb`]bY
Ui g[YZØ`h'k YfXYb"'6Y]'I bg]WYf\Y]hYb'_ÒbbYb'6Øf[Yf'g]W'X]fY_h
Ub'X]Y'Dc`]nY]'k YbXYb"'K Yf'gcZc fh][Y'<]ZY'VYbÒh][hž'gc`hY'XYb
Bchfi Z%%\$'k Ä\`Yb"

8YhU]`g	
Cfh	6fYa Ybž'8Yi hgW'UbX

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