

GUUF`UbXg`?`ÀfUb`U[Yb. A]``]cbYb]bj Ygh]h]cb`ZØf`gUi VYfYfYg K UggYf`

8Yf`9bhgcf[i b[gj YfVUbX`GUUF`]bj Ygh]Yfh`Y]bY`A]``]cb`9i fc
]b`X]Y`BUWfØghi b[`j cb`?`ÀfUb`U[Yb`]b`Gh`K YbXY`ni f
D\cgd\UhY`]a]bUh]cb"

8Yf`9bhgcf[i b[gj YfVUbX`GUUF`fØJ GŁ`Uh`_Øfn`]W`Ub[Y_ØbX][hž
XUgg`a Y\fyfY`?`ÀfUb`U[Yb`]a`GUUF`UbX`a]h`WYa]gWYf
D\cgd\UhY`]a]bUh]cb`Ui g[YghUhY`h`k YfXYb`"8]YgY`A U»bU`a Y
YfZc`[h`]a`9]b`_Ub[`a]h`XYb`J cf[UVYb`XYf
K UggYffU`a Ybf]W`h]b]Y`i bX`gc``]bbYf`U`V`XYf`b`ÀW`ghYb`nk`Ò`Z
A cbUhY`fYU`]g]Yfh`k YfXYb`"6Yhf`c`ZYb`g]bX`X]Y`?`ÀfUb`U[Yb`]b
K]bhYfVUW`ž`@Y]hYfgk`Y`Yfž`GhY]bVYf[!8YW`Yb`UfX`h`i bX`GØhYfb`"
8]Y`≠]j Ygh]h]cbg_cghYb`VYhfU[Yb`bU`Yni`Y]bY`A]``]cb`9i fc`ž`i`a`X]Y
b`ch`k`YbX][Yb`D\cgd\UhZ`À`i b[gUb`U[Yb`ni`g`À`h`]W`]a` ``Ui`ZYbXYb
6Yhf]YV`ni`i`]bhY[f]YfYb`"8Yf`9J`G`VYhfY]Vh]a`GUUF`UbX`]bg[YgUa`h
%`*`?`ÀfUb`U[Yb`i bX`Y]ghY`h`a]h`XYf`6Y`U`bX`i b[`j cb`fi bX`%,) ž+
A]``]cbYb`?`i V]_a`YhYfb`5V`k`UggYf`]a``J\`f`&\$&`Y]bYb`Yf`YV`]W`Yb
6Y]hfU[`ni`a`i`;`Yk`ÀggYfgW`i`h`ž`i`bhYfgh`Ø`h`h`j`cb`&`\$
A]hUfVY]hYbXYb"

≠`XYf`DYfgdY_h]j`Y`ghY`Yb`Y`XcW`Ui`W`<YfUi`gZcfXYfi`b[Yb`Ub`"
5a`i`)"`C`_hcVYf`&\$&` `Uh`XUg`9i`!DUf`Ua`Ybh`Y]bYb`a`cX]Z]n]YfhYb
9bh`k`i`fZ`ni`f`B`cj`Y``]Yfi`b[`XYf`9i`!`?`ca`a`i`bU`UVk`UggYff]W`h]b]Y
Ub[Ybca`a`Yb`ž`X]Y`i`bhYf`UbXYfYa`j`YfgW`Àf`ZhY`D\cgd\cfj`cf[UVYb
j`cf]g]Y`h`@Ui`h`XYf`8Yi`hgW`Yb`J`YfY]b][i b[`ZØf`K`UggYfk`]fhgW`U`Z`ž
5V`k`UggYf`i`bX`5V`ZU``Y``J``f`B`K`5`Ł`k`]fX`Y]b`[YZcfXYfhYf`5V`Ui`Zk`Yfh
j`cb`\$`ž`&`a`[#`D\cgd\cf`bi`f`a`]h`[fc»Yb`≠]j Ygh]h]cbYb`]b
:]`hfUh]cbgUb`U[Yb`YffY]W`VUf`gY]b`"8]Y`8`K`5`À`i`»YfhY`g]W`_f]h]gW`
ni`XYb`bYi`Yb`F]W`h]b]Yb`i`bX`d`À`X]Yfh`ZØf`Y]bY`5b`YVi`b[`XYg

; fYbnk YfhYg`Ui Z\$ž(`a [#ž`i a `X]Y`Z]bUbn]Y`Yb`i bX`VYhf]YV`]WXYb
6Y`Ughi b[Yb`XYf`6YhfY]VYf`ni `a]`XYfb"

:]bUbn]Y`Y`< YfUi gZcfXYfi b[Yb`Xi fW`bYi Y
J c f g W`f]ZhYb

8Yf`8K 5`ni Zc`[Y`_ÒbbhY`X]Y`l a gYhni b[`XYf`bYi Yb`J cf[UVYb`]b
8Yi hgW`UbX`Y]b`⊕j Ygh]h]cbgj c`i a Yb`]a `c`Yb`Y]bghY`][Yb
A]`]UfXYb!6YfY]W`YfZcfXYfb"5_hi Y`VYhfÀ[h`XYf
6i bXYga]hY`k Yfh`ZØf`D`cgd`cf`]a `⊕\f`&\$&`bcW`\$ž) ` `a [#ž
k Ug`XYb`[Yd`UbhYb`GhUbXUfXg`b]W`h`Yb`hgd]W`h`8]Y`B UW`fØghi b[
ni f`9]b`U`hi b[`X]YgYf`J cf[UVYb`k]fX`Y]bYb`Yf`YV`]WXYb`5i Zk UbX
]b`6Yni [`Ui Z`?cghYbž`9bYf[]Y`i bX`D`Um`YfZcfXYfb" : À`a]hY`k]Y
9]gYb!`cXYf`5`i a]b]i a gU`nY`g]bX`Ui ZXYa `K Y`ha Uf`hini bY`a YbX
fUf`i bX`hYi Yfž`k Ug`ni `ghY][YbXYb`5Vk UggYf[YVØ`fYb`ZØf`6Øf[Yf
gck]Y`⊕Xi gh]Y`i bX` ; Yk YfVY`ZØ`fYb`_Ubb"

9]b`k Y]hYfYf`?f]h]_di b_h`VYhf]Zh`X]Y`9]bVYn]Y`i b[`j cb
D`cgd`cbUhYbž`Y]bYa `GhcZZ`XYf`VYVbZU`g`D`cgd`cf`]a `5Vk UggYf
nÀ`h`8Yf`8K 5`ni Zc`[Y`]Y[h`XYf`5bhY]`XYf`D`cgd`cbUhY`]a
5Vk UggYf`nk]gWXYb`\$ž%i bX`\$ž `a [#`"l a `X]Y`dchYbn]Y`Yb
5i gk]f_i b[Yb`Ui ZX]Y`?`ÀfUb`U[Yb`i bX`XYfYb`6Yhf]YVgUV`Ài ZY
VYggYf`ni `VYfØW_g]W`h][Ybž`k]fX`Y]bY`X]ZYfYbn]YfhY`6YhfUW`hi b[
Ya dZc`Yb"

I bhYfghØhni b[`ZØf`?`ÀfUb`U[YbVYhfY]VYf

⇒a `FU`a Yb`XYf`8]g_i gg]cb`i a `X]Y`bYi Y
?ca a i bU`UVk UggYff]W`h`]b]Y`V]YhYh`X]Y`8K 5`Ui W`ZUW`hYb`fY]WXY
I bhYfghØhni b[`ZØf`]\fY`A]h[`]YXYf`"GY]h`XYa `) " : YVfi Uf`&\$&)
Z]bXYh`X]Y`X][]hU`Y`?5F @GdfYW`ghi bXY`ghUhhž`X]Y`_cghYb`ZfY]`ZØf
8K 5!A]h[`]YXYf`ni [Àb[`]W`]gh`8]YgY`GdfYW`ghi bXY`V]YhYh`X]Y
A Ò[`]W`_Y]hž`]bX]j]Xi Y`Y`5b`Y]Y[Yb`i bX`l bg]WXYf`Y]hYb`ni ` _`ÀfYb
i bX`k]W`h][Y`⊕Zcf`a Uh]cbYb`ni `fY`Yj UbhYb`H`Ya Yb`ni `Yf`U`hYb`
8Yf`5i ghUi gW`YfZc`[h]b`Y]bYa `a cbUh]WXYb`F`m`a i gž`k cVY]
X]Y`GW`k Yfdi b_hY`Ub`UbX`XYf`]bhYfYgg]YfhYb` : fU[Yb`XYf
HY]`bY`a Yf`ZYgh[Y`Y[h`k YfXYb"

Ni gUa a YbZUggYbX`Āggh'g]W\ZYgh\U`hYbž'XUgg'XYf'9J G'a]h'gY]bYf
=bj Ygh]h]cb`]b`X]Y`?`ĀfUb`U[Yb`Y]bYb`k]W\h][Yb`GW\ f]hh]b`F]W\hi`b[
Ö_c`c[]gW\Y`B UW\ \U`h][_Y]h[Y`h";`Y]W\ nY]h][`ghY`Yb`X]Y
6YhfY]VYf`^YXcW`j`cf`Yf`YV`]W\Yb`<YfUi`gZcfXYfi`b[Yb`Xi`fW`X]Y
bYi`Yb`[YgYh`]W\Yb`J`cf[UVYbž'XYfYb`I`a`gYhni`b[`b]W\h`bi`f
hYW\b]gW\Yž'gcbXYfb`Ui`W\`Z]bUbn]Y`Y`F`Yggci`fW`b`YfZcfXYfh"

8YhU]`g	
Ei`Y`Yb	<ul style="list-style-type: none">• k k k "Yi`k]X!k UggYf"XY• XY"Xk U"XY

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