

5`hYfgUfa i h`]b`6UXYb!K ØfhhYa VYf[.
F YbhbYf`_Àa dZYb`i a g` , VYf`YVYb`°

⇒ a Yf`a Y`f`F YbhbYf`]b`6UXYb!K ØfhhYa VYf[``YVYb`Ua
9l]ghYbna]b]a i a ``8Yf`5fh]_Y`VY`Yi W`hYh`U`hi Y``Y`NU\`Yb
ni f`5`hYfgUfa i h`i bX`@Øgi b[gUbg`ÀhnY"



DZcfn\Y]a ž`8Yi hgW\`UbX`!`b`6UXYb!K ØfhhYa VYf[`]gh`X]Y
G]hi Uh]cb`ZØf`j]Y`Y`F YbhbYf`b]W`h`fcg][``@Ui h`GK F` \`Uh`g]W`X]Y
NU\`XYf`VYXØfZh][Yb`GYb]cfYb`]b`XYb`Y`h`h`b`nk`Y]`Δ\`fnY`b`h`Yb
j`YfXcddY`h`"⇒a`Δ\`f`&\$&&`VYhfi`[`X]Y`5bnU\`XYf`ØVYf`*)`!`À\`f][`Ybž
X]Y`;`fi`bXg]W`X]Yfi`b[`VYn]Y`Ybž`ZUgh`%%%"`\$\$`\$`8`Ug`nY][`h`_`Ufž`XUgg
Y]b`[`fc»`Yf`HY]`XYf`À`hYfYb`6Yj`Ø`_Yfi`b[`GW`k`]Yf][`_Y]hYb`\`Uhž
ØVYf`X]Y`Fi`bXYb`ni`_ca`a`Yb"

9]b`_cb`fYhYg`6Y]gd]Y`]gh`X]Y`*)`!`À\`f][`Y`DYhfU`Df]Y`Yfž`X]Y`a`]h
]\`fYb`),`\$`9i`fc`F Yb`hY`b]W`h`Ui`g_ca`a`h`i`a`]`\`fY
@YVYbg`U`hi`b[`g_c`ghYb`ni`XYW`Ybž`UfVY]hYh`g]Y`%)`Ghi`bXYb`dfc
K`cW`Y`VY]`XYf`HUZY`"BUW`5Vni`[`XYf`A`]YhY`V`Y]VYb`]`\`f[`YfUXY
Y]ba`U`&)`\$`9i`fc`ZØf`UbXYfY`5i`g[`UVYbž`k`Ug`bi`f`Y]bYb`6fi`W`hY]`

XYggYb`Ui ga UWk hč`k Ug`a Ub`ni a `@YVYb`VYb`Øh][h``8]Yg`]gh`Y]bY
F YU`]hÅhč`X]Y`j]Y`Y`GYb]cfYb`]b`6UXYb!K ØfhY`a VYf[`hY`]Yb`"

8]Y`k UWk gYbXY`5`hYfgUfa i h

8]Y`DfcV`Ya Uh]_`XYf`5`hYfgUfa i h]gh`b]Wk`h`bi f``c`_U`ž`gcbXYfb
VYhf]Zh`XUg`[YgUa hY`@JbX``8]Y`NU\`Yb`Ui g`6Øf[Yf`; Y`X`nY][Ybž
XUgg`]a `ž`b`]&\$&(`]bg[YgUa h`+&, "- - \$`GYb]cfYb`; fi bXg]Wk`Yfi b[
VYnc[Ybž`k Ug`Y]bYa `5bgh]Y[`j`cb`` +"\$\$\$`]a `JYf[`Y]Wk`ni a
J`cf`U\`f`Yb`hgd]Wk`h`GY]h`&\$%) `]gh`X]Y`NU\`XYf
; fi bXg]Wk`Yfi b[gYa dZ`Ab[Yf`i a `` - `DfcnYbh`[Ygh]Y[Yb`"
6YgcbXYfg`VYhfcZY`b`g]bX`:`fUi Ybž`VY`]XYbYb`X]Y
5fa i hg[YZ`A\`fXi b[gei`chY`gc[Uf`VY`]`&\$ž&`DfcnYbh`]Y[h`"

8]Y`; fØbXY`ZØf`X]YgY`U`Ufa]YfYbXY`9bhk]W`i b[`g]bX`j]Y`Z`A`h][.
XYa c[fUZ]gWk`Y`J`Yf`ÅbXYfi b[Ybž`g]b`_YbXY`@Ø\`bYž`i bhYfVfcWk`YbY
9fk YfVgV]c[fUZ]Yb`i bX`X]Y`ghY][YbXY`@YVYbgYfk Ufhi b[`ZØ\`fYb
XUni ž`XUgg`j]Y`Y`F`Yb`hb`Yf`a]h`_Øa`a`Yf`]Wk`Yb`6YnØ[Yb
Ui g`_ca`a`Yb`a`ØggYb``Gc`Yf`U`hYb``'`DfcnYbh`XYf`F`Yb`hb`Yf`ž`X]Y`(` \$
ž\`fY``Ub[`Y]bVYnU\`h`\UVYbž`k`Yb][Yf`U`g`%`&) \$`9i`fc`F`Yb`hY
a`cb`Uh]Wk``Gc[Uf`VY`](`) `J`Yfg]Wk`Yfi b[g`U\`fYb``]Y[h`X]YgYf
DfcnYbhgUhm`bcWk`VY`]ZUgh`&) `DfcnYbh`"

GhY][YbXY`i b hYfghØhni b[`i bX < YfUi gZcfXYfi b[Yb

9]b`VYa Yf`_Ybgk YfhYf`HfYbX`]gh`XYf`5bgh]Y[`XYf`F`Yb`hb`Yf`ž`X]Y`X]Y
HUZY``U`g`?i bXYb`]b`5bgdfi Wk`bY\`a`Yb``8]Y`HUZY``Y]hYf]b`GUbXfU
<Øg[Yg`VYf]Wk`hYh`j`cb`Y]bYa `5bgh]Y[`XYf`F`Yb`hb`Yf`U`g`?`Y]b`hYb
j`cb`&\$i `Ui`Z`ØVYf`` \$i ``8UfØVYf`\]bUi`g`gUa`a`Y`b`j]Y`Y`GYb]cfYb
: `UgWk`Ybž`i`a`g]Wk`Yhk`Ug`XUni`ni`j`YfX]YbYb`"

8]Y`6i bXYgfY[]Yfi b[`fYU[]Yfh`Ui`Z`X]Y`<YfUi`gZcfXYfi b[Yb`XYf
5`hYfgUfa i h`6i bXYgk]fhgWk`UZhga]b]ghYf]b`?`Uh\`Yf]b`U`F`Y]Wk`Y
f78I`Ł`gWk`Å[hij`cfž`XUgg`F`Yb`hb`Yf``Åb[Yf`UfVY]hYb`gc``hYbž
k`Å\`fYbX`X]Y`78I`]b`6UXYb!K ØfhY`a VYf[`Y]bY`9f\`Ø\`i b[`XYg
F`Yb`hY`bY]b`hf]hngU`hYfg`]b`XYb`b`ÅWk`ghYb`j]Yf`ž\`fYb`UV`Y`b`h`"

K]bZf]YX`A UW_ž`XYf`k]fhgWkUZhgd`h]gWkY`GdfYWkYf`XYf`78I`!
@UbXhU[gZfU_h]cbž`j Yfk Y]gh`Ui ZX]Y`gWk]hk Y]gY`5b\YVi b[`XYg
F YbhYbU`hYfg`V]g`&\$` %"

8 Yf`8 fi W_`Ui Z`GYb]cfYbž``Àb[Yf`]a `6Yfi Zg`YVYb`ni `ghY`Ybž`k]fX
j cb`J YfYbU`6YbhY`Yž`DfÀg]XYbh]b`XYg`Gcn]U`j YfVUbXg`J X?`ž
_f]h]g]Yfh``G]Y`a Y]bhž`XUgg`b]Wk`h`U`Y`A YbgWkYb`]b`XYf`@U[Y`g]bXž
`Àb[Yf`ni `UfVY]hYb``@Ui`h`GhU]gh]_Yb`[Y`Yb`) - i `XYf`A YbgWkYb`]b
6UXYb!K ØfhYa VYf[`j cf`XYa `[YgYh`]WkYb`F YbhYbU`hYf`]b`XYb
Fi`YghUbX``9]bYf`j cb`]bYb`]gh`K c`Z[Ub[`5]Wkž`XYf`gY]bY
5`hYfghY]`nY]h[Yb]Y» hi bX`gY]bY`NY]h`U`g`8 >Ui Z`C`X]YdUfhmg
j YfVf]b[h"

K]Y`Df]Y`Yfž`X]Y`g]Wk`j]Y`Y`5bbY`a `]Wk`_Y]hYb`b]Wk`h`Y]ghYb`_Ubbž
ZfU[h`g]Wkž`cV`g]Y`]b`]fYa `@YVYb`Yhk Ug`ZU`gWk`[Ya UWk`h`\Uh``CV
XUg`k]f_]Wk`Y]bY`]bX]j]Xi Y`Y`Y`Y`Y`bhgWkY]Xi b[`cXYf`Y`Yf`Y]b
5i gXfi W_`XYf`gmghYa]gWkYb`<YfUi gZcfXYfi b[Yb`]ghž`V`Y]Vh`cZYb"

Ni gUa`a Yb[YZUggh`\UVYb`k]f`b]Wk`h`bi`f`Y]b`DfcV`Ya ž`XUg`Y]bYb
Y]bnY`bYb`F YbhYbYf`VYhf]Zhž`gcbXYfb`Y]bY`[Ubny`; YbYfUh]cb`j cb
À`hYfYb`A YbgWkYbž`X]Y`g]Wk`ni bY`a YbX`]b`XYf`?`Ya`a`Y`nk]gWkYb
ni`b]YXf][Yb`F YbhYb`i bX`ghY][YbXYb`@YVYbg`U`hi b[g_cghYb
VYZ]bXYb``9g`]gh`\ÒW`ghY`NY]h`Øf`i`a`ZUggYbXY`F`Y`Zcfa`Yb`]b`XYf
F YbhYb!`i bX`Gcn]U`dc`h]_ž`i`a`ni`_ØbZh][Y`; YbYfUh]cbYb`ni
gWk`Øhnyb`i bX`5`hYfgUfa`i`h`k]f_gUa`ni`VY`_Àa`dZYb"

8 YhU]`g	
C fh	DZcfn`Y]a ž`8Yi hgWk`UbX
E i Y`Yb	<ul style="list-style-type: none">• k k k "gk f"XY• k k k "Vi Yf[Yf![Y`X"cf[

6Ygi WkYb`G]Y`i bg`Ui Z.`bU[!Vk "XY