

8fY]'HYUa g'\_Äa dZYb'i a 'XYb': 7'?'Ò`b.  
A UWx hgd]Y`Y'i bX`K U\`\_Ua dZ]a  
5ba UfgWx`

8Yf`K U\`\_Ua dZVY]a '%": 7'?'Ò`b'&\$&). '8fY]'HYUa g'\_Äa dZYb  
i a 'X]Y`DfÄg]XYbhgWxUZhi`'9bhk ]W\_`i b[ Ybž'?UbX]XUHyb'i bX  
A ]h[ `]YXYfVYhY]][ i b[ "



? Ò`b!K Y]XYbdYgWx ž'8Yi hgWx `UbX'!' ð'?'Ò`b`VfcXY`h`Yg`\Y]» .  
8Yf`%": 7'?'Ò`b`ghY`hj`cf`XYb`j`]Y`Y]Wx hgdUbbYbXghYb`K U\`Yb  
gY]bYf'; YgWx ]Wx hY" ' ð`XYf`B UWx h`Ui`Z`A ]h`k`c`Wx`d`f`Ä`g`Y`b`h`]Y`f`h`Y`X`Y`f`  
A ]h[ `]Y`X`Y`f`f`U`h`X`U`g`b`Y`i`Y`J`c`f`g`h`U`b`X`g`!`H`Y`U`a` `Z`ö`f`X`]Y`\_`c`a` a`Y`b`X`Y`?'`i`V`!  
G]h`i`b`[ `]a` `<`Y`f`V`g`h`ž`k`c`a` ]h`X`Y`f`A`U`W`x`h`\_`U`a`d`Z`c`Z`Z`n`]Y`Y`Y`b`[ `Y`Ä`i`h`Y`h`  
k`i`f`X`Y`"9`f`g`h`a`U`g`h`f`Y`h`Y`b`[ `]Y`W`x`X`f`Y`]'H`Y`U`a`g`[ `Y`[ `Y`b`Y`]b`U`b`X`Y`f`U`b`ž`i`a`  
X`]Y`B`U`W`x`Z`c`[ `Y`X`Y`g`i`a`g`h`f`]h`h`Y`b`Y`b`J`c`f`g`h`U`b`X`g`i`b`h`Y`f`D`f`Ä`g`]X`Y`b`h`  
K`Y`f`b`Y`f`K`c`Z`n`i`'Ø`V`Y`f`b`Y`a`Y`b`"6`@`8`V`Y`f`]W`x`h`Y`h`ž`X`U`g`g`X`]Y`g`Y`f`  
K`U`W`x`h`Y`U`a`d`Z`U`Y`g`U`b`X`Y`f`Y`U`g`[ `Y`k`Ò`b`]W`x`]g`h`"

6YhY]][ h`Ub`XYf`8YVUhhY`g]bX`b]Wx`h`bi`f`U`h`Y`6Y`\_`U`b`b`h`Y`k`]Y`>Öfb

GhcVVYž'gcbXYfb`Ui W`Dfca ]bYbn`Ui gj YfgW ]YXYbYb`6YfY]WYb"  
GhcVVYž'XYf`Ub[ Y`NY]h`U`g`5i Zg]W hgfUhgVcgg`Zi b[ ]YfhYž`k ]fX`U`g  
DfÅg]XYbhgW UZhg\_UbX]XUhj ca `A ]h[ `]YXYffUhj cf[ YgW`U[ Yb"  
I bhYfghØhnh`k ]fX`Yf`j cb`Øf[ `5j Yfa Ubb`i bX`i `Z`GcVY\_"`A ]h`XYa  
G`c[ Ub` ? `Uf\Y]h`?ca dYhYbn`Ni gUa a Yb`U`h" `a ØW`hY`XUg  
HYUa `: 7 `X]Y`<YfnYb`XYf`A ]h[ `]YXYf`[ Yk ]bbYb`i bX`Ui ZX]Y  
6YXØfZb]ggY`XYg`?`i Vg`Y]b[ Y`Ybž`]bgVYgcbXYfY`Xi fW`X]Y  
: ØfXYfi b[ `Y]bYg`ni \_i bZhgZÅ\][ Yb`; Y]»VcW`Y]a`g"

## A ]h[ `]YXYfdck Yf`i bX`K Å\`Yfj YfhfUi Yb

8cW`X]Y`Bca ]b]Yfi b[ Yb`\_ca a Yb`b]W`h`c`bY`J cf[ YgW ]W`hY`"8Yf  
A ]h[ `]YXYffUh`ghY`hY`j cf`?i fnYa `Y]b`A ]gghfUi Ybgj chi a `[ Y[ Yb  
XYb`U`hi Y`Yb`J cfghUbX`i bX`Ya dZU`\`X]Y`B]W`h`9bh`Ughi b[ `j cb  
K YfbYf`K c`Zi bX`gY]bYb`GhY`j YfhfYhYfb`"8UVY]`k`i fXY`X]Y  
5V`Y`bi b[ gei chY`ZØf`Y]bYb`J cfghUbXg\_UbX]XUhYb`a ]h`gUhhYb`+\$  
DfcnYbh`VYa YggYb`"9]b`XYi h]W`Yg`NY]W`Yb`XYg`A ]gghfUi Ybgž`XUg  
X]Y`A ]h[ `]YXYf`XYi h]W`\_ca a i b]n]YfYb`\_cbbhYb` `Y]bY  
Ui ZgY`YbYffY[ YbXY`9bhk ]W`\_i b[ ž`X]Y`X]Y`8mbUa ]\_]bbYf`U`V`XYg  
J YfY]bg`j YfÅbXYfb`\_ØbbhY`"@Ui h?`Ø`bYf`GhUXh`5bnY][ Yf`U`h`X]Y  
GØX`\_i fj Yž`Y]b`Ni gUa a YbgW`i gg`U`h] Yf`: Ub[ [ fi ddYbž  
Yf`YV`]W`Yb`9]bZi gg`Ui ZX]YgY`9bhgW`Y]Xi b[ Yb`"8Yf`A ]h[ `]YXYffUh  
]gh`XYfnY]h`bi f`hY]`k Y]gY`VYgYhnhž`k Ug`XYf`G]hi Uh]cb`ni gÅh`]W`Yb  
GdfYb[ ghcZZ`j Yf`Y]\h"

⇒ `GW`UhhYb`X]YgYf`9bhk ]W`\_i b[ Yb`Zcfa ]Yfh`g]W`Y]b`k Y]hYfYg  
HYUa `i a `K ]\_Y`Ghfca Ubbž`Y]bYb`: fYi bX`j cb`: i »VU`Y[ YbXY  
@ \_Ug`DcXc`g\_]ž`XYf`VYfY]hg`]b`XYf`j ]YfhYb`K cW`Y`bUW  
5a hgUVgU[ Y`K Y[ Y`XYf`FØW`\_Y`f`gi W`h`Ni gUa a Yb`a ]h`7UfghYb  
K Yhh]W`i bX`Hi [ VU`HY`\_U`[ Y`h`Yg`]bYb`i a `X]Y`FØW`YfcVYfi b[  
XYg`J YfY]bg`j cb`XYb`9]bZi ggVYfY]W`Yb`YI hYfbYb``b] YghcfYb`"9]b  
UbXYfYg`HYUa `k ]fX`j cb`Gj Yb!; Ycf[ `5XYbUi Yfž`XYa `9b`\_Y`XYg  
YfghYb`XYi hgW`Yb`6i bXYg`Ub`n`Yfgž`Ub[ YZØ`fh`5XYbUi Yf`V]YhYh  
gY]bY`J YfV]bXi b[ Yb`i bX`9fZU`fi b[ Yb`]a `7`i V`ni gUa a Yb`a ]h  
A Ufh]b`<c`k YW`\_i bX`H`cfghYb`? ]YgYk YhhYf`Ub"

9]b`NY]W`Yb`XYf`8Ya c`fUh]g]Yfi b[

8]Y`J cfVYfY]hi b[ Yb`ZØf`X]Y`K U\`Yb`j Yf`Ui ZYb`Ui Z<cW\hci fYb`  
8]Y`? UbX]XUhYb`bi hnYb`gcn]U`Y`BYhnc Yf`\_Yž`?bY]dYbž: Ub`\_i Vg  
i bX`gc[ Uf`X]Y`GhfU» Yb`? Ø`bg`ni f`A ]h[ `]YXYfk YfVi b[ ``9I hfYbY  
6YfUhYf`i bhYfghØhnYb`g]Y`VY]`X]YgYb`A U» bU\`a Ybž`i a` ]\fY`ϕ\U`hY  
XYi h]W\`ni`dcg]h]cb]YfYb.`?Y]bY`ϕ] YghcfYbž: ØfXYfi b[ `XYf`?`i V!  
<Y]a Uh`Ua` ; Y]» VcW\`Y]a ž`a Y\`f`Gdcfh!`ca dYhYbnž`gck ]Y`XUg  
GhfYVYb`bUW\`Y]bYa`k ]fhgW\`UZh]W\`YfZc`[ fY]W\`Yb`i bX`6i bXYg`][ U!  
ni`\_i bZhgZ\`][ Yb`%": 7`? Ø`b`ghY\`Yb`]a` : c`\_i g``8]YgY`H\`Ya Yb  
gd]Y[ Y`b`XYb`K i bgW\`XYf`A ]h[ `]YXYf`k ]XYfž`a Y\`f`9]bZi gg`Ui ZX]Y  
J YfY]bgghfUhY[ ]Y`ni`bY\`a Yb``8]Y`Gh]a a`Y`XYf`: Ubgn`A\`h`a Y\`f  
XYbb`Yž`k ]Y`Ui W\`X]Y`9bhk ]W\`\_i b[ Yb`VY]a` : 7`<Ubbc] Yf`XYi h]W\`  
nY][ Ybž`k c` : Ubg`YfZc`[ fY]W\`ZØf`XYa c`\_fUh]gW\`Y`A ]hVYgh]a a`i b[  
Y]b[ YgYmh`\UVYb`"

5i W\`XYf`8fi W\`\_Ui ZXyb`U`\_hi Y`Yb`J cfghUbX`\_ØbbhY`ni`Y]bYa  
j YfgØ\`b]W\`Yb`5VgW\`i gg`ZØ\`fYb` `k Ubb`i bX`k ]Y`]gh`YXcW\`  
i b[ Yk ]gg``K Ug`V`Y]Vhž`]gh`XUg`\_`UfY`G][ bU`XYf`A ]h[ `]YXYf.`G]Y  
Yfk UfhYb`Y]bY`[ fi bX`Y[ YbXY`K YbXY`]b`XYf`J YfY]bgZØ\`fi b[ ``K ]Y  
X]Y`J cfgh`AbXY`i bX`? UbX]XUhYb`Ui ZX]YgY`NY]W\`Yb`fYU[ ]YfYbž`k ]fX  
XYb` : 7`? Ø`b`]b`XYb`\_ca` a` YbXYb`A cbUhYb`a U» [ YV`]W\`df`A[ Yb`"

8]Y`\_ca` a` YbXYb`A cbUhY`j YfgdfYW\`Yb`gca` ]h`b]W\`h`bi f`GdUbbi b[ ž  
gcbXYfb`Ui W\`Y]bYb`h]YZ[ fY]ZYbXYb`K UbXY`ZØf`XYb`%": 7`? Ø`b`  
K ]Y`g]W\`XYf`J Yf`Ui Z`XYg`K U\`\_Ua dZg`Ybhk ]W\`Y`b`k ]fX`i bX  
k Y`W\`Y`? UbX]XUhYb`Y`mh`]W\`XUg`F YbbYb`a UW\`Ybž`V`Y]Vh  
UVni`k UfhYb``8]Y` : Ubg`g]bX`VYfY]h`Y]bni`hUi W\`Yb`]b`Y]bY`bYi Y`Ÿ`fU  
XYg`A ]hgd`fUW\`YfYW\`hg` `X]Y`? UfhYb`k YfXYb`bYi` [ Ya` ]gW\`h`"

6]X`VYf]W\`hYhž`XUgg`XYf`K U\`g`c[ Ub`XYf`i bhYfgW\`]YX`]W\`Yb`HYUa`g  
ZYgh[ Y`Y[ h`k i fXY`.

HYUa	G`c[ Ub
HYUa` : 7	?`Uf\`Y]h`?ca`dYhYbn` Ni`gUa`a`Yb`\`U`h`"
K ]`_Y`Ghfca`Ubb`/`HYUa	F`ØW`_YfcVYfi`b[ `XYg`: 7`a` ]h : fYi`XY`"
Gj`Yb!; Ycf[ `5XYbUi`Yf`/`HYUa	HfUX]h]cb`VYk`U\`fYbž`Ni`_i`bZh [ YghU`hYb`"

: Øf`XYb`%": 7`? Ò`b`k Y`h`Y]b`b`Yi Yf`K ]bX"8]Y': Ub`g`g]bX  
Ui Z[ Yfi ZYbžU\_h]j`Ub`XYf`J YfY]bg[ YghU`hi b[ `hY)`ni bY`a Yb`i bX  
]\fYb`9]bZi gg`[ Y`h`YbX`ni `a UW`Yb`°

6=@8`VYf]W`hYhž? Ò`b`Yf`GhUXh!5bnY][ Yf`YZYfh`k Y]hYfY  
⇒Zcfa Uh]cbYb`i bX`YZZnY`\"W`a` UbU`mg]Yfh`X]Y`9bhk ]W`i b[ Yb`]a  
J YfY]b"

8YhU]`g	
C fh	? Ò`b!K Y]XYbdYgW`ž8Yi hgW`UbX
E i Y`Yb	<ul style="list-style-type: none"><li>• k k k "V]`X"XY</li><li>• k k k "_ghU"XY</li><li>• YZZnY`\"W`a</li></ul>

6Ygi W`Yb`G]Y`i bg`Ui Z.`a Y]b!\_cY`b`bYh