

A UXU[Ugg]gW\ Y `5 ni V]g`VYfY]W\ Yfb
J]W\cf/ ħ \$' - /g`GYY\chY` `]b`6cgYb`°

⇒ ħ]W\cf g`GYY\chY`K Y]b[Āf\Yf`]b`6cgYb`UfVY]hYb`%)
5i gni V]`XYbXYžXUfi bhYf`bYi b`Ui g`A UXU[Ug_Ufž`i bX
VYfY]W\Yfb`X]Y`<chY`_i`hi`f"



6cgYbž`8Yi hgW\`UbX`!`⇒ ħ]W\cf g`GYY\chY`K Y]b[Āf\Yf`]b
6cgYb`UfVY]hYb`XYfnY]h`%)`5i gni V]`XYbXYž`j cb`XYbYb`bYi b`Ui g
A UXU[Ug_Uf`ghUa`a Yb`"8]Yg`nY][h`XUg`9b[U[Ya`Ybh`XYg`<chY`gž
Y]b`X]j YfgY`5i gV]`Xi b[gi`a [YVi b[`ni`gW\UZZYb`"BYVYb`XYb
a UXU[Ugg]gW\Yb`HU`YbhYb`_ca`a Yb`nk Y]`5i gni V]`XYbXY`Ui g
A Ufc`__cž`k Ā`fYbX`j]Yf`↑ b[Yb`A YbgW\Yb`Ui g`XYf`FY[]cb
Ub[Y\0fYb`"8]YgY`Vi bhY`A]gW\i b[`hfĀ[h`ni f`6YfY]W\Yfi b[`XYf
<chY`_i`hi`f`VY]`i bX`gd]Y[Y`h`XUg`Df]bn]d`XYf`↔X]j]Xi U`]hĀ`k]XYfž
XUg`HY]`XYf`i bhYfbY\`a Ybgd\`]cgcd\]Y`j cb`J]W\cf g`]gh"

8]Y`5i gV]`Xi b[`]a` ħ]W\cf g`GYY\chY`K Y]b[Āf\Yf`V]YhYh`XYb
↑ b[Yb`A YbgW\Yb`b]W\h`bi`f`Y]bY`7\UbW`Ui ZVYfi Z]W\Y
E i U`]Z]h]Yfi b[ž`gcbXYfb`Ui W\`Y]b`i a ZUggYbXYg`_i`hi`fY`Yg

9f`YVb]g" `bHYfj]Yk dUfhbYf`k]Y`XYf`a UXU[Ugg]gWXY`5i gni V]`XYbXY
:]h]U`5bXf]UbhU\]UbU`i bX`gY]b`?c`Y[Y`GhUb`YmF UVYhfUbc
VYf]W`hYb`j cb`]\fYb`dcg]hj] Yb`9fZU\fi b[Yb`"G]Y`gW`ÅhnYb`X]Y
A Ò[`]W`_Y]hž`]b`Y]bYf`[Y\cVYbYb`<chY`[fi ddY`a]h`Y]bYa` `UfYb
: c_i g`Ui Z`bX]j]Xi U`]h`Åh`i bX` ; Ya`Y]bgW`UZh`ni `UfVY]hYb`"

<chY`d\]`cgc d\]Y`i bX`?i`]bUf]_

8]Y`<chY`X]fY`_hcf]b`7]bXmiA UbZfU`\YVh`\Yfj cfž`k]Y`k]W`h][`XUg
?cbnYdhXYf`bX]j]Xi U`]h`Åh`ZØf`XUg`<Ui g`]gh`"a`F U\`a Yb`XYf
5i gV]`Xi b[`]_ÒbbYb`X]Y`5i gni V]`XYbXYb`]\fY`Y][YbYb`Gh`Åf`_Yb
Y]bVf]b[Yb`"8]Yg`ZØfXYfh`b]W`h`i b`f`X]Y`dYfgØb`]W`Y`9b`hk]W`_i b[ž
gcbXYfb`Ui W`X`Yb` ; Ya`Y]bgW`UZh`g[YXUb`_Ybž`XYf`nYbhfU`ZØf`X]Y
l bhYfbY\`a Ybgd\]`cgc d\]Y`]gh`"J]W`h`f`g`F`Yg]XYbn!<chY`gž`ni`XYbYb
Ui W`X`Ug`GYY\`chY`K`Y]b[`ÅfhbYf`[Y\Øfhž`i bhYf\`Å`h`]bg[YgUa`h`%(
<Åi gYf`]b`Gh`ÅX`hYb`k]Y`6Yf`]bž`A`ØbW`Yb`i bX`GUUfVfØW`_Yb`"

8 Ug`F`YghUi`fUbh`XYg`<chY`g`V]YhYh`Y]bY`a`cXYfbY`@UbX\`Ui`g`_ØW`Y
a`]h`a`YX]hYffUbYa`9]bgW`U[`ž`X]Y`gck`c`\`fY[]cbU`Y`GdYn]U`]h`Åh`b
U`g`Ui`W`g`UUF`ÅbX]gW`Y`<Ui`ga`Ubbg`_cgh`i`a`ZUggh`"8Yf`7\`YZ`_cW`
DUgei`U`Y`@` ;]i`X]W`]gh`VYgcbXYfg`ghc`n`Ui`Z`X]Y`Zf]gW`Yb`Ni`hUhYbž
X]Y`]b`X]Y` ; Yf]W`hY`Y]bZ]Y»Ybž`i`bX`X]Y`_fYUh]j`Y`J]Y`ZU`hž`X]Y`X]Y
_i`]bUf]gW`Y`9fZU\fi b[`VYfY]W`Yfh`"

5i gV]`Xi b[gUb[YVch`i bX`A]hUfVY]hYfUb`nU\`

8YfnY]h`VYgW`ÅZh][`h`X]Y`J]W`h`f`g` ; fci`d`fi`bX`%&") \$\$`5fVY]hbY\`a`Yf
]b`j`YfgW`]YXYbYb`6YfY]W`Yb`k]Y`<ci`gY`_YYd]b[`ž`9a`dZUb[`ž
JYfk`U`hi`b[`i`bX` ; Ughfcbca]Y`"8Ug`l`bhYfbY\`a`Yb`]gh`VY`_Ubbh`ZØf
gY]bY`5i`gV]`Xi`b[g[`Åb[Yž`X]Y`↑`b[Yb`A`YbgW`Yb`X]Y`A`Ò[`]W`_Y]h
V]YhYbž`]b`Y]bYf`XmbUa`]gW`Yb`i`bX`j]Y`Z`Å`h][Yb`l`a`[YVi`b[`ni
UfVY]hYb`"8Yf` : c_i g`Ui Z`bX]j]Xi U`]h`Åh`YfghfYW`_h`g]W`X`UVY]`Ui`W`
Ui`Z`X]Y`9b`hk]W`_i b[`XYf`A`]hUfVY]hYf`"8]Y` ; fi`ddY`\`Uh`g]W`g`Y]h
ØVYf`(\$`Y\`fYb`Y]bYb`B`Ua`Yb`]b`XYf`<chY`Yf]Yž`5`hYbdZY[Yž`]a
7UhYf]b[`i`bX`]a` ; YV`Åi`XYa`UbU[Ya`Ybh[Ya`UW`h`"

8]Y`ghY][YbXY`HYbXYbn`]b`XYf`6Y`Y[gW`UZh`nY][hž`XUgg`X]Y`J]W`h`f`g
 ; fci`d`Ui`Z`Y]bYa`YfZc`[fY]W`Yb`K`UW`gh`i`a`gdZUX`]gh`"8]Y`dcg]hj] Y`

9fZU\fi b[`XYf`5i gni V]`XYbXYb`]b`6cgYb`]gh`Y]b`NY]WXYb`ZØf`X]Y
 E i U`]h`h`i bX`XYb`5bgdfi W`z`XYb`XUg`l bhYfbY\`a Yb`Ub`gY]bY
 5i`gV]`Xi b[`gd`ÀhnY`ghY``h"9]b`YfZc`[`fY]WXYf`GhUfh`]b`XUg
 6Yfi Zg`YVYb`ZØf`X]Y`b`ÀW`ghYb` ; YbYfUh]cbYb`]gh`gca`]h`Ui W`]b`XYf
 [Y\cVYbYb` ; Ughfcbca`]Y`a` Ò[`]W`"

8YhU]`g	
C fh	6cgYbž`8Yi hgW`UbX
E i Y``Yb	<ul style="list-style-type: none"> • k k k "gUUfVfi YW_Yf!nY]hi b["XY • k k k "j]W`c`fg"XY

6Ygi WXYb`G]Y`i`bg`Ui`Z.`a`Y]b!k`]Yb"bYh