

A cV]`Zi b_j Yfgcf[i b[`]a `GUU`Y!< c`n`UbX!
? fY]g. `@H9!5i gVUi `ZØf`VYggYfY
B YhnUVXYW_i b[

8]Y`HY`Y_ca ` \Uh`X]Y`A cV]`Zi b_j Yfgcf[i b[`]a `GUU`Y!
<c`n`UbX!`?fY]g`Xi fW`XYb`5i gVUi `j cb`@H9`Ub`nk Y]
GhUbXcfhY`b`]b`E i]f`U`i bX`GYfVU`j YfVYggYfh`8 UXi fW`Yf\`Ø\`h
g]W`X]Y`5VXYW_i b[`i bX`X]Y`6UbXVfY]hY`ZØf`X]Y`Bi hnYf`8 Yf
5fh`_Y`]bZcfa]Yfh`ØVYf`XYb`U_hi Y`Yb`GhUbX`i bX`ni`_ØbZh][Y
5i gVUi d`ÀbY`V]g`&\$*`"9fZU`fYb`G]Y`a Y`f`ØVYf`X]Y
A cV]`Zi b_j YfZØ[VUf`_Y]h`i bX`k]Y`G]Y`HY]`XYg`5i gVUi g
k YfXYb`_ØbbYb"



8]Y`HY`Y_ca `[]Vh`Jc``[Ug`9bX`]W`[]Vh`Yg`[i hY`BUW`f]W`hYb`ZØf
U`Y`<UbXm`Bi hnYf`]a `GUU`Y!<c`n`UbX!`?fY]g. `b`XYb`Y`hnYb`nk Y]
A cbUhYb`k i fXYb`nk Y]`bYi Y`@H9!GhUbXcfhY`]b`E i]f`U`i bX`GYfVU
]bg`BYhn`[Ybca`a Yb`8 Ug`VYXYi hYhž`XUgg`X]Y
A cV]`Zi b_j Yfgcf[i b[`Y`hnh`b]W`h`bi f`Y]bY`VYggYfY`F Y]W`k Y]hY` \Uhž
gcbXYfb`Ui W`X]Y`6UbXVfY]hY`gdØfVUf`UbghY][h`I bX`XUg`6YghY3
8Yf`9a dZUb[`]b`XYb`; YV`Ai XYb`k]fX`YVYbZU`g`XYi h]W`

j YfVYggYfh"

8]YgY`bYi Yb`GhUh]cbYb`g]bX`b]W\h`bi f`ZØf`XYb`@UbX`fY]g`k]W\h][ž
gcbXYfb`Ui W\`ZØf`X]Y`F`Y]gYbXYb`Ub`XYb`k]W\h][Yb`5i hcVU\`bYb
5(i bX`5- "K Yf`U`gc`i bhYfk Y[g`]ghž`_Ubb`g]W\`Ui Z`Y]b`gW\`bY`Yg
i bX`ghUV]`Yg`BYhm`ZfYi Yb`"i bX`Ui W\`X]Y`6U\`bbi hmYf`dfcZ]h]YfYb.
8]Y`GhfY`W`Y`H\Øf]b[Yb!C gh`k]fX`bi b`Xi fW\`X]Y`bYi Y`GhUh]cb`]b
E i]f`U`VYghYbg`j Yfgcf[h"

9]b`6`]W`_`Ui Z`X]Y`Ni`_i bZh

<]Yf`X]Y`NU\`Ybž`X]Y`VYY]bXfi W`_YbX`g]bX`°A]h]bg[YgUa`h`(
A cV]`Zi b`_ghUbXcfhYb`VYX]Yb`h`X]Y`HY`Y`_ca`_Yhmh`XYb`GUU`Y!
<c`n`UbX!`?fY]g`"Fi bX`- , `DfcnYbh`XYf`<Ui g`U`hY`\UVYb`bi b
Ni [Ub[`ni f`A cV]`Zi b`_j Yfgcf[i b["°5VYf`XUg`]gh`Yfgh`XYf`5bZUb[°
6]g`&\$`*`gc`Y`b`k`Y]hYfY`&(`GhUbXcfhY`XUni`_ca`a`Ybž`i bX`Ui W\`Ub
nk`Ø`Z`VYghY`Yb`XYb`i b`_a`UghYb`k`]fX`_f`ÅZh][`] YgW\`fUi Vh`@H9`i bX
) ; `ghY`Yb`]b`XYb`GhUfh`ØW\`Yfb`°

8Yf`6YXUfZ`Ub`6UbXVfY]hY`ghY][`h`gh`Å`b`X][`_`_`Y`XYg`_`J`f`i`a`_`Y`hk`U
`\$`DfcnYbh`8Yg`U`V`V`Y]VYb`k`]f`Ua`_`6U`°i bX`gYhmYb`XYb`5i gVUi
nØ][`]i`a`_`ž`gU[`h`i`Ycf[`]j`cb`K`U[`bYfž`XYf`i`bhYfbY`a`Yb`ggdfY`W\`Yf
XYf`HY`Y`_ca`"°8cW\`i`a`_`X]Y`D`Å`b`Y`i`a`ni`gYhmYbž`VfUi`W\`Yb`g]Y`X]Y
i`bhYfgh`Ø`hni`b[`XYf`?`ca`a`i`bYb`i`bX`i`fi`bXgh`Ø`W`_`gY][`Yb`h`Ø`a`Yf`"K`Yf
VYfY]h]ghž`Y]bYb`GhUbXcfh`Ui`Z`Y]bYa`_`8UW\`c`XYf`A`Ugh`ni
j`Yfa`]YhYbž`_`Ubb`g]W\`X]fY`_`h`Ub`X]Y`8Yi`hgW\`Y`i`b`_`hi`fa`_`k`Yb`XYb`"
8Ug`5b[`YVch]gh`Y]bY`gdUb`bYb`XY`A`Ø[`_`]W\`_`Y]h`ZØf
⇒`a`a`cV]`]Yb`VYg]hnYf`°

⇒`a`a`Yf`]bZcfa`]Yfh`V`Y]VYb

: Øf`U`Y`ž`X]Y`k`]ggYb`k`c`Y`b`ž`k`]Y`Yg`i`a`_`X]Y`A`cV]`Zi b`_j YfZØ[`VUf`_`Y]h
Ub`]f`Ya`_`K`c`\bcf`ghY`\h`5i`Z`XYf`K`YVg]hY`XYf`HY`Y`_ca`_`Z]b`XYh]f`
U`_`hi`Y`Y`_`_`_`Zcfa`Uh]cbYb`ni`a`_`BYhmUi`gVUi`"°8]Y`HY`Y`_ca`_`]gh`i`a`]h
ØVYf`" `*`"\$`\$`\$`A`cV]`Zi b`_ghUbXcfhYb`VYfY]hg`gY`f`[`i`h`Ui`Z[`YghY`hž
i`bX`_`Å`\f`]W\`_`ca`a`Yb`%")`\$\$`bYi`Y`GhUbXcfhY`XUni`"°9]b`_`UfYf`i`U`
j`cb`_`K`UW\`ghi`a`_`i`bX`Ni`_i`bZh]a`_`A`cV]`Zi b`_`°

: Øf`U`Y` : fU[Yb`ghY`Yb`X]Y`DfYggYghY`Y`XYf`8Yi hgW\Yb`HY`Y`_ca
i bX`X]Y`GcW]U`!A YX]U! ? UbÀ`Y`VYfY]h"5`gcž`V`Y]Vh]b`J YfV]bXi b[
i bX`j`YfdUggh`_Y]bY`BYi][_Y]hYb`a`Y`f°

8YhU]`g

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