

Ncc '@Y]dn][. 'B Yi Ufh][Y 'J F!9fZU\ fi b['a]h
6Yf[[cf]`Ug`VY[Y]ghYfh'6Ygi W\ Yf

9f`YVY`ja `Ncc '@Y]dn][`XUg`bYi Y` 5i [Y!]b!5i [Y `J F!9f`YVb]g
a]h'6Yf[[cf]`Ug`i bX`YfbY`a Y\ f`ØVYf`]\fyb`GWxi hn`

8]Y`9]bZØ\ fi b[`Y]bYf`Ui ZfY[YbXYb`5hhfU_h]cb`ja `Ncc '@Y]dn][
_ÖbbhY`b]W\h'bi f`XUg`6Ygi W\ Yf]bhYfYggY`ghY][Yfbž`gcbXYfb`Ui W\
Y]bYb`k Yfhj c`Yb`6Y]hfU[`ni a `GWxi hn`VYXfc`hYf`H]YfUfhYb`Y]ghYb`
9]bY`J]fhi U`F YU`]hm'9f`YVb]gk Y`h[]Vh`XYb`; ÅghYb`X]Y`A Ò[`]W\ _Y]hž
\Ui hbU\`a]h'6Yf[[cf]`Ug]b`?cbhU_h`ni `hfYhYbž`k Å\fybX`g]Y
[`Y]W\ nY]h][`a Y\ f`ØVYf`X]Y`<YfUi gZcfXYfi b[Yb`YfZU\fybž`a]h
XYbYb`X]YgY`H]YfY`_cbZfcbh]Yfh]g]bX"

6YXYi hi b[`XYf`J]fhi U`F YU`]hm'ZØf`XYb
H]YfgW\ i hn

8]Y`bYi ghY`5hhfU_h]cb` 5i [Y]b`5i [Y`a]h`XYb`6Yf[[cf]`Ug`ja
Ncc '@Y]dn][`gc`6Ygi W\ Yfb`b]W\h'bi f`Y]bYb`ZUbhUgh]gW\Yb`9]bV`]W_
]b`XUg`@YVYb`XYf`H]YfY`V]YhYbž`gcbXYfb`Ui W\`XUg`6Yk i gghgY]b`ZØf
]\fyb`9f`U`h'gW\ ÅfZYb`"NccX]fY`_hcf`Øf[`ž b\c`X`Yf`_Åfh` A]h
i bgYfYa`bYi Yb`J]fhi U`F YU`]hm'5b[YVch`a ÒW\hYb`k]f`i bgYfYb
; ÅghYb`X]YgY`ZUgn]b]YfYbXYb`6Y[Y[bi b[Yb`a]h`XYb`j ca
5i gghYfVYb`VYXfc`hYb`6Yf[[cf]`Ug`X]fY`_h`\]Yf`j]fhi Y`
Yfa Ò[`]W\Yb`" `8]YgY`5fh`XYg`9f`YVb]ggYg`\Uh`XUg`DchYbn]U`ž`b]W\h
bi f`ni`i bhYf`U`hYbž`gcbXYfb`Ui W\`X]Y`Ya`ch]cbU`Y`J YfV]bXi b[
nk]gW\Yb`XYb`6Ygi W\ Yfb`i bX`XYb`H]YfYb`ni`ghÅf`_Yb"

⇒bhYfU_h]j Y`9f`YVb]ggY`ja `Ncc '@Y]dn][

6Ygi W\ Yfž`X]Y`XYb`Ncc '@Y]dn][`VYgi W\ Ybž`dfcZ]h]YfYb`j cb`Y]bYa

bYi Yb`]bhYfU_h]j Yb`9f`YVb]g"8 Ug`J F!Dfc[fUa a ž`XUg`]b
Ni gUa a YbUfVY]h`a]h`XYf`8]Ub` : cggYm; cf]`U`Gh]Zhi b[`Yb`k]W_Y`h
k i fXYž`c_U`]g]Yfh`Y]bYb`j]fhi Y`Yb` ; cf]`U!HfYW_ž`XYf`X]fY_h`]b`X]Y
A YbgW`YbUZZYbUb`U[Y`Dcb[c`UbX`ZØ\fh"6Y[]bbYb`k]fX`XUg
5VYbhYi Yf`a]h`Y]bYa `j]fhi Y`Yb`<Y`_cdhYfZi [`ØVYf`XYb`Ji`_Ub!
BUh]cbU`dUf_]b`Fi UbXUž`[YZc`[hj`cb`Y]bYf`6Y[Y[bi b[`a]h`Y]bYf
; cf]`U! : Ua `j]Y"K Å\fybX`X]YgYg`GdY_hU_Y`g`]gh`8f"HUfU`Ghc]bg_]ž
Y]bY`UbYf_UbbhY`Df]a Uhc`c[]bž`Ubk YgYbXž`i a `K]ggYb`ØVYf`X]Y
VYXfc\hYb`H]YfY`ni `hY]`Yb"

F YU_h]cb`XYf`6Ygi W`Yf`Ui Z`XUg`bYi Y 5b[YVch

6Ygi W`Yf`XYg`Ncc`@Y]dn][`VYf]W`hYb`j cb`gdUbbYbXYb
9fZU\fi b[Yb`i bX`Y]bYa `h]YZfYb`J YfghÅbXb]g`ZØf`X]Y`6YXYi hi b[
XYg`5fhYbgW`i hnYg"BUW`XYa `J F!5VYbhYi Yf`\UVYb`X]Y ; ÅghY`X]Y
A Ò[`]W`_Y]hž`X]Y`YW`hYb`6Yf[[cf]`Ug`]b`Dcb[c`UbX`ni
VYcVUW`hYbž`k c`Yhk`U`) \$`A YbgW`YbUZZYb`i bhYf`Y]bYa `8UW
`YVYb"9]b`gc`W`Yg`5b[YVch`_ØbbhY`XUZØf`gc f[Ybž`XUgg`g]W`a Y\ f
A YbgW`Yb`ZØf`XYb`GW`i hn`XYfUfh`VYXfc\hYb`H]YfUfhYb`Y]bgYhnYb"

K Y]hYfY`Ni _i bZhgd fc`^Y_hY`]a `Ncc

8]Y`a d`Ya Ybh]Yfi b[`X]YgYf`J]fhi U`F`YU`]hmiHYW`bc`c[]Y`]gh`HY`
Y]bYg`[fÒ» YfYb`HfYbXg`]b`H]YfdUf_g`i bX`Nccgž`X]Y`XUfUi Z
UVn]Y`Ybž`6]Xi b[`i bX`i bhYf`U`hi b[`ni`_ca`V]b]YfYb"5bV]YhYf
k]Y`a a`ch]cb`gYhnYb`g]W`XUZØf`Y]bž`XUg`K]ggYb`ØVYf`[YZÅ\ fXYhY
5fhYb`ni`j`YfVfY]hYb`i bX`X]Y`6Ygi W`Yf`ni`]bgd]f]YfYb" `NccX]fY_hc f
š`b\c`X`i bX`gY]b`HYUa` \UVYb`XUa]h`Y]bYb`GW`f]h`i]b`X]Y`a`cXYfbY
Ncc! ; YghU`hi b[]c`nc[Ybž`XYf`gck`c`\`6]Xi b[g`UgdY_hYž`U`g`Ui W`
XYb`GdU»`]b`XYb`J`cfXYf[fi bX`ghY`h"

⊕g[YgUa h`V]YhYh`XYf`Ncc`@Y]dn][`a]h`gY]bYf`bYi Yb`5hhfU_h]cb
b]W`h`bi`f`GdU»`ž`gcbXYfb`a`UW`h`gY]bY` ; ÅghY`ni`6`chgW`UZhYfb`ZØf
X]Y`VYXfc\hYb`6Yf[[cf]`Ugž`k`Å\fybX`g]Y`[`Y]W`nY]h][`Y]b
i`bj`Yf[Ygg`]W`Yg`9f`YVb]g`[Yb]Y»Yb`_ØbbYb"8Yf`9]bZi`ggž`XYb
gc`W`Y`⊕]h]Uh]j Yb`Ui`Z`X]Y`K`U\fbY`a`i`b[`XYf`H]Yfk`Y`h`\UVYb

_ÖbbYbž]ghij cb`i bgWÅhnVUfYa `K Yfh`ZØf`ni _ØbZh][Y
; YbYfUh]cbYb"

8YhU]`g

6Ygi WÅYb`G]Y`i bg`Ui Z.`b!U["XY