

HÀ[`]W\ Y `? fmd hc `Dfc[b c gY ` `8]Y `Hc d
? fmd hc `6Yk Y[i b[Yb ` \ Yi hY ` `+"C_hcVYf
&\$&%

6]hWc]bž'6H7`ni`l`G8ž'gh]Y[`Ua`A`]h`k`c`W`i`a`+ž(`)i`"BUW`Y]bYa`
; Yk]bb`j`cb`(`ž`),i`Ua`8]YbghU[`VYYbXYhY`6]hWc]b`XYb`HU[`VY]`)
))`" ` `)ž\$`l`G8`"9]b`[Ya`]gW`hYf`GhUfh]b`XYb`HU[
Z0\fhY`XUni`ž`XUgg`6]hWc]b`Ui`ZY]b`ϕhfUXUmH]YZj`cb`)\$`(`,`ž\$`
l`G8`Ua`gd`ÀhYb`A`cf[Yb`Z]Y`ž`VYj`cf`Yg`Y]bY`6Yk`Y[i`b[
a`UW`hY`"K`À`fYbX`6]hWc]b`XUg`YfghY`[fc»Y`
l`bhYfgh0hni`b[gb]j`YUi`j`cb`(`-`"+`(%`l`G8`b]W`h`Y`ffY]W`hY`ž`Z]Y`
Yg`Xi`fW`X`Yb`&`ž`i`i`:`ϕ`j`cb`)\$`(`+`l`G8`"5`g`6]hWc]b`Y`X`c`W`
Ua`gd`ÀhYb`A`cf[Yb`l`bhYfgh0hni`b[`ZUbXž`Yf`c`hY`g]W`6]hWc]b`
Ui`ZY]b`gd`ÀhYg`ϕhfUXUm<c`W`j`cb`)`"+`(`ž\$`l`G8`"6]hWc]b`
Xi`fW`VfUW`XUg`YfghY`[fc»Y`K`]XYfghUbXgb]j`YUi`VY]`)&`&-`
`i`bX`XUg`nk`Y]hY`[fc»Y`K`]XYfghUbXgb]j`YUi`/`Ua`d`Λ`Y`d`/

6]hWc]bž'6H7`ni`l`G8ž'gh]Y[`Ua`A`]h`k`c`W`i`a`+ž(`)i`"BUW`Y]bYa`
; Yk]bb`j`cb`(`ž`),i`Ua`8]YbghU[`VYYbXYhY`6]hWc]b`XYb`HU[`VY]`)
))`" ` `)ž\$`l`G8`"

9]b`[Ya`]gW`hYf`GhUfh]b`XYb`HU[`Z0\fhY`XUni`ž`XUgg`6]hWc]b`Ui`ZY]b`
ϕhfUXUmH]YZj`cb`)\$`(`,`ž\$`l`G8`Ua`gd`ÀhYb`A`cf[Yb`Z]Y`ž`VYj`cf`Yg`
Y]bY`6Yk`Y[i`b[`a`UW`hY`"

K À\fybX'6]hWc]b`XUg`YfghY`[fc»Y`l bhYfghØhni b[gb]j YUi`j cb
(- "+ (%! G8`b]W\h`YffY]W\hYž`Z]Y`Yg`Xi fW`XYb`&' ž*ı`ı : Æ`j cb
) \$"(+`ı G8"

5`g`6]hWc]b`YXcW`Ua`gd`hYb`A cf[Yb`l bhYfghØhni b[`ZUbXž
Yf\c`hY`g]W`6]hWc]b`Ui`ZY]b`gd`hYg` ðhfUXUm! < cW`j cb`)) "+(`ž\$
l G8"

6]hWc]b`Xi fW`VfUW`XUg`YfghY`[fc»Y`K`]XYfghUbXgb]j YUi`VY]
) "&- ,`ı`ı bX`XUg`nk Y]hY`[fc»Y`K`]XYfghUbXgb]j YUi`VY]`)'`"* , -`ı`ı "

8Yf`5i gvfi W`ZØ\fhY`Ui W`XUni ž`XUgg`6]hWc]b`XYb`&' ž*ı`ı : Æ`j cb
) \$"(+`ı G8`Xi fW`VfUW`ı bX`XYb`HU[`Ui`ZY]bYa`B]j YUi`j cb
)) "\$\$\$`l G8`VYYbXYhY"

8Yf`_i fnZf]gh][Y`5i žk`ÀfhghfYbX`V`]YV`]bhU`_h`i bX`i bhYfghØhnhY`X]Y
`Øb[ghY`F ØW`_Y`f`Ui`ZY]b`B]j YUi`j cb`)) "\$\$\$`l G8`": Øf`X]Y`6`ÀfYb
Vf`Ai W`hY`6]hWc]b`Y]bYb`Ub`U`hYbXYb`F ØW`_ [Ub[`Xi fW`X]Y`*`&`ı
: Æ`j cb`&+`&' +`ı`ı ž`ı a`Y]bYb`_i fnZf]gh][Yb`5V`k`ÀfhghfYbX`ni`V`]XYb"

8 Yf`F Ygh`XYg`DU`_Yhg

ð`U`Yb`UbXYfYb`A U`c`fg`k Uf`Yg`Y]b`[Ya`]gW`hYf`HU[`Ua`A`]hk`cW`"

Dc`_UXchifi hgW`hY`ı a`ı` (ž) +`ı`ı UV`ı bX`ZØ\fhY`XYb`K`Y[`bUW`ı bhYb
Ub"

6]bUbW`7c]b`fl`%ž+\$`ı` Ł`7UfXUbcg`585`fl`%ž+\$`ı` Ł`7`U]b`]b`_
fl`%ž(+`ı`ı Ł`ı bX`F]dd`Y`g`L`F`D`fl`\$`ž` ,`ı`ı Ł`gU\`Ub`X]YgYa`HU[
YVYbZU`g`fch"

: Øf`XYb`F Ygh`XYg`F`i XY`g`k Uf`Yg`YXcW`Y]b`Vi`ı`]gW`Yf`HU[`"

7fmdhc`Wc`a`7c]b`gh]Y[`ı a`ı`) ž` (*ı`ı`Ubž`ı a`X]Y` : Ø\fi b[`ni
ØVYfbY`a`Yb"

5i W`6]hWc]b`7Ug\`GJ`fŁ`%ž`'`ı` Ł`9h\YfYi a`fŁ`%ž`*(`ı`ı`Ł`ı bX
@]hYWc]b`fŁ`&ž+\$`ı`ı Ł`ZUbXYb`l bhYfghØhni b[`"

⊕`XYf`U_hi Y`Yb`K cWY`Z]Y`XYf`? fmdhc!; YgUa ha Uf_h`Ui ZY]b
A cbhU[gh]YZj cb`&"\$, &`A fX" `I G8 ž`VYj cf`Yf`Ui ZY]b`A]hk cWg\cW
j cb`&"(\$&`A fX" `I G8 `gh]Y[""Ni a `NY]hdi b_h`XYg`GW`fY]VYbg`U[`X]Y
; YgUa ha Uf_h`Ud]hU`]g]Yfi b[`VY]`&"&- ` `A]`]UfXYb`I G!8c`Uf"

8]Y`8ca]bUbn`j cb`6]hWc]b`Z]Y`Ui ZY]b`A cbhU[gh]YZj cb` (&ž\$*ı ž
VYj cf`g]Y`Ui ZY]b`A]hk cWg\cW`j cb` () ž\$, ı `gh]Y[""Ni a
NY]hdi b_h`XYg`GW`fY]VYbg`U[`X]Y`8ca]bUbn`j cb`6]hWc]b`VY]
() ž\$- ı "

< Yi hY`A cf[Yb

Ni a `NY]hdi b_h`XYg`GW`fY]VYbg`]gh`6]hWc]b`i a`ž (ı `Ui Z
) (", *, ž\$`I G8 `[YZU`Yb" `B UWX`Y]bYa` [Ya`]gW`hYb`GhUfh]b`XYb`HU[
gh]Y[`6]hWc]b`Ui ZY]b`<cW`Ua`ZfØ`Yb`A cf[Yb`j cb`)) "" (- ž\$`I G8 ž
VYj cf`Yg`Ui ZY]b`H]YZj cb`) (", %(ž\$`I G8`Z]Y`"

6]hWc]b`Y»`X]Y`k]W`h[gh]Yb`I bhYfghØhni b[g!`i bX
K]XYfghUbXgb]j YUi g`ZfØ`nY]h[`i b[YhYghYh"

5b`UbXYfYf`GhY`Y`k Uf`Yg`Y]b`VÅf]gW`Yf`GhUfh]b`XYb`HU["

Ni a `NY]hdi b_h`XYg`GW`fY]VYbg`k Uf`6]hWc]b`7Ug`GJ`i a`%ž, &ı
[Ygi b_Ybž`i a`XYb`K Y[`bUWX`i bhYb`ni`k Y]gYb"

: Øf`XYb`VYj cf`ghY`YbXYb`6]hWc]b!HU[

6]hWc]b'a ØgghY`XYb`D]j ch'j cb') ' ", ' - 'l G!8c``Uf'j Yfa Y]XYbž'i a
XUg`YfghY`[fc»Y`K]XYfghUbXgb]j YUi`VY]) +"&' - 'l G!8c``Uf']bg
Gd]Y`ni`Vf]b[Yb"

8Ua]h'6]hWc]b`Ui`g`XYa`B]j YUi`j`cb') *") \$\$\$'l G8`Ui`gVfYWX`Yb
_Ubbž'k ÅfY`l bhYfghØhni b['j`ca`VfY]hYfYb`A Uf_h`YfZcfXYf`]W"

5V[YgY\Yb`j`cb`Y]bYf`VfY]h`Ub[Y`Y[hYb`? fmdhc!F U`mY`k ØfXY`XUg
YfghY`[fc»Y`K]XYfghUbXgb]j YUi`k`U\fgWX`Yb`]W`XYb
5i`Zk`ÅfhghfYbX`VY[fYbnYb"

æa` : U`Y`Y]bYf`VfY]h`Ub[Y`Y[hYb`? fmdhc!F U`mY`_ØbbhY`6]hWc]b`XYb
K]XYfghUbX`Ui`Z]bYa`B]j YUi`j`cb`* "\$\$\$\$'l G8`hYghYbž`VYj`cf`Yg
ni`Y]bYa`FØW`ni [`_ca`a`h`8 Ug`nk`Y]hY`[fc»Y`K]XYfghUbXgb]j YUi
`Y[h`VY]) - "%(('l G!8c``Uf"

9]b` : U``i`bhYf`X]Y`) ' ", ' - ``k ØfXY`XUg`YfghY`[fc»Y
l`bhYfghØhni b[gb]j YUi`VY]) %- ' (``]bg`Gd]Y`Vf]b[Yb"

5V[YgY\Yb`j`cb`Y]bYa``Åb[YfYb`5i`gj`Yf`_Ui`Z`Ub`X]YgYa`HU[`gc``hY
g]W`6]hWc]b`j`cb`i`bhYf`) "\$\$\$\$'l G8`i`bX`XYa`nk`Y]hYb`[fc»Yb
l`bhYfghØhni b[gb]j YUi`VY]) (, ") ' ('l G8`ZYfb`U`hYb``8Yf`&' ž`i` : æ
j`cb`) \$(+ ``gc``hY`X]Y`5V`k`ÅfhgVYk`Y[i`b[`VY[fYbnYb"

8YhU]`g

6Ygi`W`Yb`G]Y`i`bg`Ui`Z.`_fmdhc!bYk`g"Uh