

F UgYf' bUWk 'l bZU``'Ub'; fi bXgWk i `Y'Ui Z
XYf': `i Wk h' `5`_c\c`Ua `GhYi Yf
ZYgh[YghY``h

9]b`J Yf_Y\fgi bZU``]b`6Yf[Yb.`9]b`F UgYf`ZÅ\fh]b`XYb`NUi b
Y]bYf'; fi bXgWk i `Y' i bX`ZØWk hYh" %ž - `Dfca]`Y`5hYa U`_c\c`
ZYgh[YghY``h"

6Yf[Yb`Ui ZFØ[Yb`Yf`YVhY`Ua `8]YbghU[UVYbXž`XYa `&\$"5i [i gh
&\$&(žY]bYb`i b[Yk Ø\l b`]Wk Yb`J cfZU``ž`XYf': fU[Yb`ni
J Yf_Y\fgg]Wk Yf\Y]h`i bX`J Yf\U`hYb`gk Y]gYb`ja `GhfU» Ybj Yf_Y\f
Ui Zk]fZn"; Y[Yb`%-.(\$`l` \f`j Yf`cf`Y]b`" , !Å\f][Yf`XYi hgWk Yf
: U\fyf`bUWk `YfghYb`9f_Ybbhb]ggYb`X]Y`?cbhfc``Y`ØVYf`gY]b
: U\fnYi [`i bX`fUa `a`h`a`]h`\c\Yf'; YgWk k]bX][_Y]h`XYb`NUi b`Y]bYf
Øfh]Wk Yb'; fi bXgWk i `Y`]b`XYf`6fY]hgdFYWk YfghfU» Y"

8Yf`J cfZU``YfY][bYhY`g]Wk ž`U`g`XYf': U\fyf`j`cb`XYf`F]Wk hi b[
8Ua `a`ghfU» Y`Ui ZXYf`F]b[ghfU» Y`]b`X]Y`6fY]hgdFYWk YfghfU» Y
UVVc ["5i [YbnYi [Yb`VYf]Wk hYhYbž`XUgg`Yf`X]Y`?cbhfc``Y`ØVYf
gY]bYb': cfX`j`Yf`cf`i bX`X]fY`_h]b`XYb`A UgWk YbXfU\hnUi b`XYf
Gk i `Y`_fUWk hY" `Gc`Wk Y`l bZÅ``Y`g]bX`VYgcbXYfg
VYgcf[b]gYffY[YbXž`XU`g]Y`nY][Ybž`k]Y`[YZÅ\f`]Wk `ØVYf\Ø\hY
; YgWk k]bX][_Y]hYb`]b`K`c\ b[YV]YhYb`gY]b`_ØbbYb"

8]Y`F YU_h]c b`XYg': U\fyfg

9]b`DUggUbhž`XYf`XYb`l bZU``VYcVUWk hYhYž`ZcfXYfhY`XYb': U\fyf
Ui Zž`XYb`J cfZU``i a [Y\YbX`XYf`Dc`]nY]`ni`a`Y`XYb`"GhUhhXYggYb
\UbXY`hY`XYf`" , !Å\f][Y`YXcWk`UbXYfg.`9f`VY[Ubbž; Y[YbghÅbXY
Ui g`gY]bYa `5i hc`ni gUa `a`Ybni hfU[Ybž`X]Y`bUWk`XYa `5i ZdfU``Ua
NUi b`U[Ybž`i bX`j`Yf`]Y»`XUbb`XYb`l bZU``cfh`8]YgYg`J Yf\U`hYb`]gh
b]Wk h`bi f`ZU\ f`Ågg][ž`gcbXYfb`Ui Wk`ghfUZVUfž`XU`Yg`[Y[Yb`X]Y

[YgYhn`]WkYb`J c f g Wk f]ZhYb`ni a`i bYf`Ui VhYb`9bhZYfbYb`j ca
l bZU`c fhj Yfgh`h`

: Ugh`Y]bY`Ghi bXY`bUWk`XYa`i bZU`a`Y`XYhY`g]Wk`XYf` : U\fyf
gWk`jY`»`jWk`VY]`XYf`Dc`nY]`6Y]`XYf`j Yf`Y\fgfYWk`h]WkYb
5i ZUggi b[`k i fXY`Y]b`5`_c`c`k Yfhj`cb`%ž - `Dfca`j`Y`ZYgh[YghY`hž
k Ug`k Y]h`ØVYf`XYa`ni`Àgg][Yb`@]a`h`]Y[h``⊕`8Yi hgWk`UbX`]gh`Yg
5i hcZU`fYfb`i bhYfgU[hž`Y]b` : U\fnYi [`ni`ZØ`fYbž`k Ybb`XYf
5`_c`c`[Y\U`h]a`i`6`i`h`\$ž) `Dfca`j`Y`ØVYfghY][hž`i`bX`UV`%ž%
Dfca`j`Y`k`]fX`j`cb`Y]bYa`GhfUZhUhVYghUbX`[YgdfcWkYb`

F YWk`h`]Wk`Y` : c`[Yb`i`bX`J`Yf`_Y`f`gg]Wk`Yf`Y]h

5i Z[fi bX`XYg`c`c`Yb`5`_c`c`[Y\U`hg`k i fXY`Y]bY`XcddY`hY
6`i`hdfcVYbYbhbU`a`Y`Ub[YcfXbYhi bX`Xi`fWk`[YZØ`fh`8]Yg`j]bX
[Àb[] [Y`J`YfZU`fYbž`i`a`g]Wk`Yfni`ghY`Ybž`XUgg`X]Y`A`Yggk`YfhY
[YbUi`i`bX`fYWk`h]Wk`j`Yfk`YfhV`Uf`g]bX`"8Yf` : U\fyf`g]Y\h`g]Wk`bi`b
ghfUZfYWk`h]Wk`Yb`?`cbgYei`YbnYb`k`Y[Yb`Hfi`b`_Yb`Y]h]a`i`J`Yf`_Y`f`
gck`jY`XYg`i`bYf`Ui`VhYb`9bhZYfbYbg`j`ca`i`bZU`c`fh[Y[YbØVYf`
8]YgY`5fhj`cb`J`cfZ`Y`b`k`]fZh`Y]b`GWk`U[`]Wk`h`Ui`Z`X]Y` : YZU`fYb`XYg
: U\fybg`i`bhYf`5`_c`c`Y]bZi`gg`i`bX`X]Y`B`chk`YbX][`_Y]hž
j`YfUbhk`cfhi`b[gVYk`i`ggh]a`i`GhfU`Ybj`Yf`_Y`f`ni`U[]YfYb`

8]Y`H`Y`a`Uh]`_`XYf`J`Yf`_Y`f`gg]Wk`Yf`Y]h`k`]fX`b]Wk`h`bi`f`Xi`fWk`X]YgYb
J`cfZU`Ub[Yghc`»`Yb`"⊕`a`a`Yf`k`]YXYf`nY][`h`g]Wk`ž`XUgg`ØVYf`Ø`h`Y
; YgWk`]bX][`_Y]hYb`i`bX`U`_c`c`VYX]b[hY` : U\fhYb`]b`gh`À`X]g]Wk`Yb
; YV]YhYb`Y]b`Yfbgh`UZhYg`F`]g]_c`XUfghY`Yb`"8]Y`6Y`Ø`f`XYb`i`bX`X]Y
; Ya`Y]bgWk`UZh`a`ØggYb`ni`gUa`a`YbUfVY]hYbž`i`a`XUg`6Yk`i`gghY]b
ZØf`g]Wk`YfY` : U\fd`fU`_h]_Yb`ni`gWk`À`f`ZYb`i`bX`Gc`Wk`Y`J`cfZ`Y`_Ø`b`Zh][
ni`j`Yf`Y]bXYfb`

⊕`6Yf[Ybg`GhfU`Yb`_`Ubb`XYfUfh][Y` : YZU`f`b]Wk`h][`bcf]Yfh
k`YfXYbž`]bgVYgcbXYfY`]b`XYf`B`À`Y`j`cb`GWk`i`Ybž`k`c`?`]bXYf`i`bX
9`hYfb`c`Zi]b`XYf`B`À`Y`g]bX`"8]YgY`G]hi`Uh]cb`VY`Yi`Wk`hY`h`X]Y
K`]Wk`h][`_Y]hž`b]Wk`h`bi`f`X]Y]bX]j`]Xi`Y`Yb` : U\fyf`ni`f`J`YfUbhk`cfhi`b[
ni`n]Y\Ybž`gcbXYfb`Ui`Wk`Ghfi`_`hi`fYb`i`bX`A`U`»`bU`a`Yb`ni
]a`d`Ya`Ybh]YfYbž`X]Y`X]Y`G]Wk`Yf`Y]h`U`Yf`J`Yf`_Y`f`ghY`]bY`a`Yf
[Yk`À`f`Y]ghYb`

9]b`5i Zfi Z'ni f`K UWgUa _Y]h

8]Y`9fY][b]ggY`i a`XYb`i bZÄ`Y`]b`6Yf[Yb`Ui Z`F`Ø[Yb`gc`hYb`Y]b
K`YW`fi Z`ZØf`U`Y`J`Yf`_Y`fghY`]bY`a`Yf`gY]b"8]Y`GhfU» Yb`g]bX`b]W`h
bi`f`@YVYbgUXYfb`ZØf`XYb`J`Yf`_Y`fž`gcbXYfb`Ui`W`C`fhYž`Ub`XYbYb
G]W`Yf`Y]h`i`bX`J`c`fg]W`h`c`VYfghY`Df]c`f]h`Ä`h`UVYb`gc`hYb"9`hYfbž
5i`hc`ZU`fYf`i`bX`i`» [Äb [Yf`a`ØggYb`g]W`]`fYf`J`Yf`Ub`hk`c`f`h`i`b [
VYk`i`ggh`k`Yf`XYb`i`bX`[Ya`Y]bgUa`ZØf`Y]b`g]W`Yf`Y`g`A`]hY]b`Ub`XYf`i`a`
GhfU» Ybj`Yf`_Y`f`Y]b`hf`Y`hYb"

5`_c`c`i`bX` : U`fj`Yf`U`hYb.`9]b
VYgc f[b]gYffY [YbXYf`HfYbX

8]Y`NU`X`Yf`J`Yf`_Y`f`gi`bZÄ`Y`ž`X]Y`Xi`fW`U`_c`c`]g]Yf`hY`g` : U`fYb`
j`Yf`i`fg`UW`h`k`Yf`XYb`ž`V`Y]Vh`Y]b`Yfb`ghY`g`Df`c`V`Ya`]b`8`Yi`hgW`U`b`X`"
@Ui`h`XYf`GhUh]gh]gW`Yb`6i`bXYgUa`h`[UV`Yg]a`]`Ä`f`&`&`&
]bg [YgUa`h`%`+`*`\$`\$`i`bZÄ`Y`ž`X]Y`Ui`Z`5`_c`c`i`ni`f`ØW`ni`ZØ`f`Yb`g]b`X`ž
k`Ug`Y`hk`U`(`ž)`i`XYf`[YgUa`h`Yb`J`Yf`_Y`f`gi`bZÄ`Y`Yb`h`g`d`f]W`h"Ä`XYb`
`Y`h`h`Yb`]`Ä`f`Yb`[UV`Yg`i`nk`Uf`Y]b`Yb`Y]W`h`Yb`F`ØW`[Ub`[`X]YgYf`
NU`Y`b`ž`Y`X`c`W`g]b`X`X]Y` : c`[Yb`Ä`i`Z] [`fUj`]YfYbX"

8]Y`F`g]_Yb`j`cb`5`_c`c`Ua`GhYi`Yf`g]bX`[i`h`Xc`_i`a`Ybh]Yf`h"GW`cb`
[Yf]b [Y`A`Yb [Yb`5`_c`c`_Ö`bb`Yb`X]Y`F`YU`h]cbgnY]h`i`bX`X]Y`
5i`Za`Yf`gUa`_Y]h`V`Y`Y]b`hf`Ä`W`h] [Yb`ž`k`Ug`ni`[YZÄ`f`]W`Yb`
G]h`i`Uh]cb`Yb`i`a`GhfU» Ybj`Yf`_Y`f`ZØ`f`Yb`_Ubb"6Y]Y]b`Ya`
5hYa`U`_c`c`k`Yf`h`j`cb`%`ž`-`Dfca`j`Y`U`b`X`Y`h`Y`g`g]W`i`a`Y]b`Y`
Yf`YV`]W`Y` ; YZÄ`f`Xi`b [ž`X]Y`b]W`h`bi`f`XYb` : U`fYf`g`Y`V`gh`ž`gcbXYfb`
Ui`W`U`b`X`Y`f`Y`J`Yf`_Y`f`ghY]`b`Y`a`Yf`]b` ; YZU`f`V`f]b [h"

; YgYhn`]W`Y`F`Y [Y`i`b [Yb`i`b`X`
DfÄj`Ybh]cbga`U» bU`a`Yb`

Ä`8`Yi`hgW`U`b`X`[]Vh`Y`g`ghfYb [Y`[YgYhn`]W`Y`F`Y [Y`i`b [Yb`ZØf`X`Ug`
 : U`fYb`i`bhYf`5`_c`c`Y]b`Zi`gg"5V`\$`ž)`Dfca`j`Y`g]b`X` : U`f`Ub`ZÄ`b [Yf`
i`b`X`i`bhYf`&%`Ä`f] [Y`g`ck`]Y` : U`fYf`j`cb`V`Y`gh]a`a`hYb` : U`fn`Yi` [Yb`
k`]Y`@`_k`c`X`Yf`6i`g`j`Yfd`Z]W`h`Y`h`ž`Y]b`Y`Bi`Ä`Dfca`j`Y`! ; fYbnY`
Y]b`ni`U`h`Yb"6Y]`Ä`Y`f`Yb`K`Yf`h`Yb`X`f`c`Yb`Ya`d`Z]b`X`]W`Y`GhfUZYbž`

X]Y`j cb` ; Y`XVi » Yb`V]g` \]b`ni` : Ø\ fYfgWXY]bYbni [`fY]WXYb`"

Ni f`6Y_Àa dZi b[`XYg`DfcV`Ya g`gYhnYb`X]Y`6Y\ ÒfXYb`j YfghÀf_h
Ui Z`5i Z_`Àfi b[g!`i bX`DfÀj Ybh]cbgUfVY]h`J]Y`Y`GhÀXhY`ZØ\ fYb
fY[Y`a À»][`?cbhfc`U_h]cbYb`Xi fW`i bX`V]YhYb
5i Z_`Àfi b[g_Ua dU[bYb`Ubž`i a` : U\ fYf`Ui ZX]Y` ; YZU\ fYb`XYg
Hfi b_Yb\Y]hgZU\ fYbg`Ui Za Yf_gUa `ni `a UWXYb`"Ni XYa `k YfXYb
]a a Yf`a Y\ f`5`_c\c`hYghg`i bX` : fY]nY]hUb[YVchY`[YZØfXYfhž`X]Y
XYb`g]WXYfYb`<Y]a k Y[`i bhYfghØhYbž`k]Y`ni a` `6Y]gd]Y`G\i hh`Y!
GYfj]W`g`cXYf`X]Y`Bi hni b[`ÒZYbh]WXYf`J Yf_Y\ fga`]hY`"

8]Y`F c`Y`j cb`5i [YbnYi [Yb`]b J Yf_Y\ fgi bZÀ`Yb

⊕`XYa `VYgWf]YVYbYb`J cfZU`gd]Y`hY`Y]b`ni ZÀ`][Yf`NYi [Y`Y]bY
YbhgWXY]XYbXY`F c`Yž`]bXYa `Yf`XYb` : U\ fYf`XUfUi Z`\]bk]Ygž`XYb
I bZU`VY]`XYf`Dc`nY]`ni `a Y`XYb`"Gc`WXY`5i [YbnYi [Yb`_ÒbbYb`cZh
YbhgWXY]XYbX`ni f`5i Z_`Àfi b[`Y]bYg`J cfZU`g`VY]hfU[Yb`"@Ui hY]bYf
Ghi X]Y`XYf`**GW`k Y]nYf]gWXYb`6YfUhi b[gghY`Y`ZØf**
**I bZU`j Yf\ Øhi b[`g]bX`5i [YbnYi [Yb`cZh`VYfY]hž`⊕Zcfa`Uh]cbYb
ni f`J YfZØ[i b[`ni `ghY`Ybž`U`YfX]b[g`nØ[Yfb`j]Y`Yž`U_h]
Y]bni [fY]ZYb`cXYf`<]ZY`ni `Y]ghYbž`Ui g`5b[ghj`cf`Y][YbYb
fYW`h]WXYb`?cbgYei YbnYb`cXYf`ZØf`X]Y`G]WXYf\Y]h`"**

8]Y`6YfY]hgW`UZh]j cb`6Øf[Yfbž`U`g`NYi [Yb`Ui Zni hfYhYbž`_Ubb
`YXcW`X]Y`fYW`h]WXYb`Dfc`nYggY`Yf\YV`]W`VYgW`Yi b][Yb`i bX`X]Y
9fa`]h`i b[gYf[YVb]ggY`j YfVYggYfb`"⊕`j]Y`Yb` : À`Yb`g]bX
5i [YbnYi [YbVYf]W`hY`YbhgWXY]XYbXž`i a` `X]Y`J YfUbhk`cfhi b[`ZØf
Y]bYb`I bZU`ZYghni`ghY`Yb`i bX`fYW`h]WXY`A U» bU`a`Yb
Y]bni `Y]hYb`"GW`i`Yb`i bX` ; Ya`Y]bXYb`_ÒbbhYb`XU\Yf`XUfØVYf
bUW`XYb_Ybž`Dfc[fUa`a`Y`ni f` : ÒfXYfi b[`XYf`N]j]`W`i fU[Y`ni
]a d`Ya`Ybh]YfYbž`i a` `XUg`6Yk`i gghgY]b`ZØf`X]Y`K`]W`h][`_Y]h`Y]bYg
U_h]j Yb`<UbX`Ybg`ni `gW`ÀfZYb`"

6Ygi W\Yb`G]Y`i bg`Ui Z.`b!U["XY