

B UW \ U`h][`fY]gYb `]b `GØXc ghUg]Yb. `H]d dg
ZØf`l a k Y`hVYk i gghgY]b`i bX` ; Ybi gg`

9bhXYW_Yb`G]Y`bUW \ U`h][Yg`F Y]gYb `]b `GØXc ghUg]Yb.
i a k Y`hZFyi bX`]WY`HfUbgdcfha]hhY`ž`_i`hi fY``Y`GYbg]V`]hÀhž
`c_U`Y`?ØWY`i bX`B Uhi fgW i hn`H]ddg`ZØf`Y]bYb`d`Ugh]_ZF]Yb
5i ZYbh \ U`hi bX`l bhYfghØhni b[``c_U`Yf` ; Ya Y]bgW UZhYb`



GØXc ghUg]YbžY]bY`F Y[]cb`j c``Yf`UhYa VYfUi VYbXYf`@UbXgW UZhYbž
fY]WYf`?i`hi fYb`i bX`di`g]YfYbXYf`A Àf`_hYž`n]Y`h`À`f`]W`A]``cbYb
j cb`F Y]gYbXYb`]b`]`fYb`6Ubb``8cW` `]bhYf`XYb`]Xm`]gWYb
GhfÀbXYb`i bX`Ødd][Yb`8gW i b[Y`b`j YfV]f[hg]W`Y]bY
<YfUi gZcfXYfi b[.`K]Y`_ØbbYb`k]f`X]YgY`GW`Øb`Y]h`VYk U`fYbž
k`À`fYbX`k]f`g]Y`Yf`_i bXYb3`B UW \ U`h][Yg`F Y]gYb `V]YhYh`Y]bY
5bhk cfhž]bXYa`Yg`XYb` : c`_i g`Ui Zi a k Y`hZFyi bX`]WY`DfU`_h]_Ybž
XYb`F YgdY`_hj cf``c_U`Yb` ; Ya Y]bgW UZhYb`i bX`X]Y`A]b]a]Yfi b[
XYg`Y][YbYb`_Ø`c`c[]gWYb` : i »UVXfi W_g``Y[h``9g[Y`h`XUfi a ž
b]W`h`bi`f`ni`bY`a Ybž`gcbXYfb`Ui W`Y`hk Ug`ni fØW`ni [YVYb` `gY]
Yg`Xi fW`VYk i gghY`9bhgW Y]Xi b[Yb`cXYf`X]Y`l bhYfghØhni b[
_`Y]bYfž`c_U`Yf`=b]h]Uh]j Yb``8]YgYf`5fh]_Y`YbhzØ`fh`G]Y`Ui ZY]bY

F Y]gY`Xi fW`GØXcghUg]Yb`i bX`nY][hž`k]Y`G]Y`a]h`6YXUW`h`fY]gYb`
_ÒbbYbž`i a`X]Y`A U[]Y`X]YgYf`F Y[]cb`ZØf`_ca`a YbXY`
; YbYfUh]cbYb`ni`Yf`U`hYb`"@UggYb`G]Y`g]W`]bgd]f]YfYbž`
J YfUbhk`cfhi`b[`ni`ØVYfbY`a`Yb`i bX`[`Y]W`nY]h][`i`bj`Yf[Ygg`]W`Y`
9f`YVb]ggY`ni`gUa`a`Y`b`"

B UW` \ U`h][Y`F`Y]gYa` Ò[`]W`_Y]hYb`]b`
GØXcghUg]Yb`



GhY`Yb`G]Y`g]W`]`cfž`G]Y`[`Y]hYb`Ui`Z`Y]bYa`6Ua`Vi`gZc`»`ØVYf`
Y]bYb`fi` \][Yb`:`i`gg`]b`@Ucgž`i`a`[YVYb`]cb`ga`UfU[X[fØbYb`
<Ø[Y`bž`k`À`fYbX`XYf`K`]bX`gUbZi`ØVYf`À`fY`<`Ui`h`ghfY]W`h`?`Y]b`
A`chc`fYb[Yf`À`i`gW`ž`_Y]b`8]YgY`[YghUb`_`bi`f`X]Y`di`fY`<`Ufa`cb]Y`
XYf`B`Uhi`f`" `b`GØXcghUg]Yb`VY[]bb`h`b`UW` \ U`h][Yg`F`Y]gYb`c`Zi`a`]h`
XYf`K`U`X`Yf`:`cfh`VYk`Y[i`b[ž`i`bX`Yg`[]Vh`n`U`f`Y]W`Y`
A`Ò[`]W`_Y]hYbž`X]Y`l`a`k`Y`h`ni`g`W`cbYbž`k`À`fYbX`a`Ub`X]Y`F`Y[]cb`
Yf`_i`bXYh`"2`ZYb`h]W`Y`J`Yf`_Y`f`ga`]hY`k`]Y`NØ[Y`i`bX`6`i`ggY`g]bX`]b`
@`b`XYfb`k`]Y`H`U]`UbX`c`XYf`J`]Yhb`Ua`b`]W`h`bi`f`[Øbgh][ž`gcb`XYfb`
Ui`W`Y]bY`_]a`UZF`Yi`bX`]W`Y`5`hYfb`Uh]j`Y`ni`"b`Ub`XgZØ[Yb`"
6Ygcb`XYfg`X]Y`6`U`b`ghfY`W`_Ybž`Yhk`U`X]Y`a`U`Yf]g`W`Y`F`ci`hY`j`cb`
6Ub[_c`_b`UW`7` \]Ub[`A`U]ž`V]YhYb`gdY`_hU`_i`À`fY`5`i`gV`]W`_Y`i`bX`
fYXi`n]YfYb`XYb`7`C`&!5`i`gghc`»`Yf`YV`]W`"K`Yf`Yg`bc`W`[fØbYf`a`U[ž`
_`Ub`b`Ui`Z`:`U`ff`À`XYf`gY`h`nYb`i`]b`Gh`X`hYb`k`]Y`<`Ubc`]c`XYf`Ui`Z`XYb`

ZUWYb`ϕgY`b`j`cb`?Ua`VcXgWU`Y]bY`]XYU`Y`C`dh]cbž`i`a``8`ÖfZYf`
i`bX`HYa`dY`]b`[`Ya`ÅW`]WYa`HYa`dc`ni`YbhXYW`Yb`"

9]bY`k`Y]hYfY`WYj`YfY`A`Ö[`]W`_Y]hž`XYb`Ö`_c`c`[`]gWYb`:`i`»`UVXfi`W`_`
ni`a`]b]a`]YfYbž`]Y[`h]b`XYf`VYk`i`gghYb`D`Ubi`b[`XYf`5`bfY]gY`"GhUhh`
_i`fnYfž`\`Äi`Z][`Yf`:`Ø[`Y`nk`]gWYb`XYb`@`ÄbXYfb`XYf`FY[`]cb`ni`
Vi`WYb`ž`c`\`bh`Yg`g]W`ž`Äb[`YfY`GhfYW`Yb`a`]h`,`VYf`UbXfY]gYb`ni`
j`YfV]bXYb`"ϕ`A`U`Umg]U`VY]gd]Y`gk`Y]gY`j`YfV]bXYh`Y]b`[`i`h`
Ui`g[`YVUi`hYg`6i`gbYhn`Gh`XhY`k`]Y`?i`U`U`@`a`di`f`a`]h`XYb`7`Ua`Yfcb`
<][`\`UbXgž`k`c`a`Ub`]b`X]Y`_Ø`Y`6Yf[`i`Zhi`bX`HYd`UbhU[`Yb`
Y]bhUi`WYb`_`Ubb`"Gc`WY`9`bhgWY]Xi`b[`Yb`hfU[`Yb`XUni`VY]ž`XYb`
HfY]Vghc`Z]YfVfUi`W`ni`gYb`_Ybž`k`]Y`Ui`W`Y]bY`\`]ZFY]WY`
FYggci`fW`ni`a`H\Ya`U`bUW`\U`h][`Yf`Hci`f]ga`i`g`VYhcbhž`X]Y`
k`Yfhj`c`Y`H]ddg`ni`f`FYXi`_h]cb`j`cb`:`i`[`fY]gYb`V]YhYhf`7`UfY9`]hY`L`"

BYVYb`XYf`:`cfhVYk`Y[`i`b[`gd]Y`h`X]Y`K`U`\`XYf`i`bhYf`_i`bZiY]bY`
nYbhfU`Y`F`c`Y`ž`k`Ybb`Yg`XUfi`a`[`Y`\`hž`j`YfUbhk`cfhi`b[`gj`c`ni`
fY]gYb`"ϕ`GØXcghUg]Yb`V`Ø`h`Y]bY`k`UW`gYbXY`GnYbY`j`cb`?`_c`!
@cX[`Yg`i`bX`bUW`\U`h][`Yb`:`ÄghY`\`Äi`gYfbž`X]Y`g]W`XYf`i`a`k`Y`h`
i`bX`XYb`c`_`Yb`:`Ya`Y]bgW`UZhYb`j`YfdZ]W`hYh`ZØ`\`Yb`"5i`Z`6U`]
Z]bXYb`g]W`W`Ufa`UbhY`6Ua`Vi`g!6i`b[`U`ck`gž`X]Y`a`]h`Gc`UfYbYf[`]Y`
VYhf]YVYb`k`YfXYb`i`bX`FY[`Ybk`UggYf`ni`f`6Yk`ÄggYfi`b[`bi`hnYb`"
Gc`WY`i`bhYf`_ØbZiY`j`Yfn]W`hYb`c`Zi`Ui`Zi`bb`Øh][`Yb`@`i`i`gž`V]YhYb`
XUZØf`UVYf`Y]b`Ui`h\Ybh]gW`Yg`9`fYVb]gž`XUg`X]Y`?i`hi`f`XYf`ϕ`gY`
k`]XYfgd]Y[`Y`h`"ϕ`?`Ua`VcXgW`U`k`]YXYfi`a`gYhnYb`j`]Y`Y`_`Y]bY`
<`chY`g`Ui`Z`DUf`hbYfgW`UZhYb`a`]h`c`_`U`Yb`6Ui`Yfbž`i`a`:`ÄghY`a`]h`
Zf]gWYb`ž`V]c`c`[`]gWYb`DfcXi`_hYb`ni`j`Yfgc`f[`Ybž`UbghUhh`
]a`dcfh]YfhY`K`UfYb`ni`j`Yfk`YbXYb`"

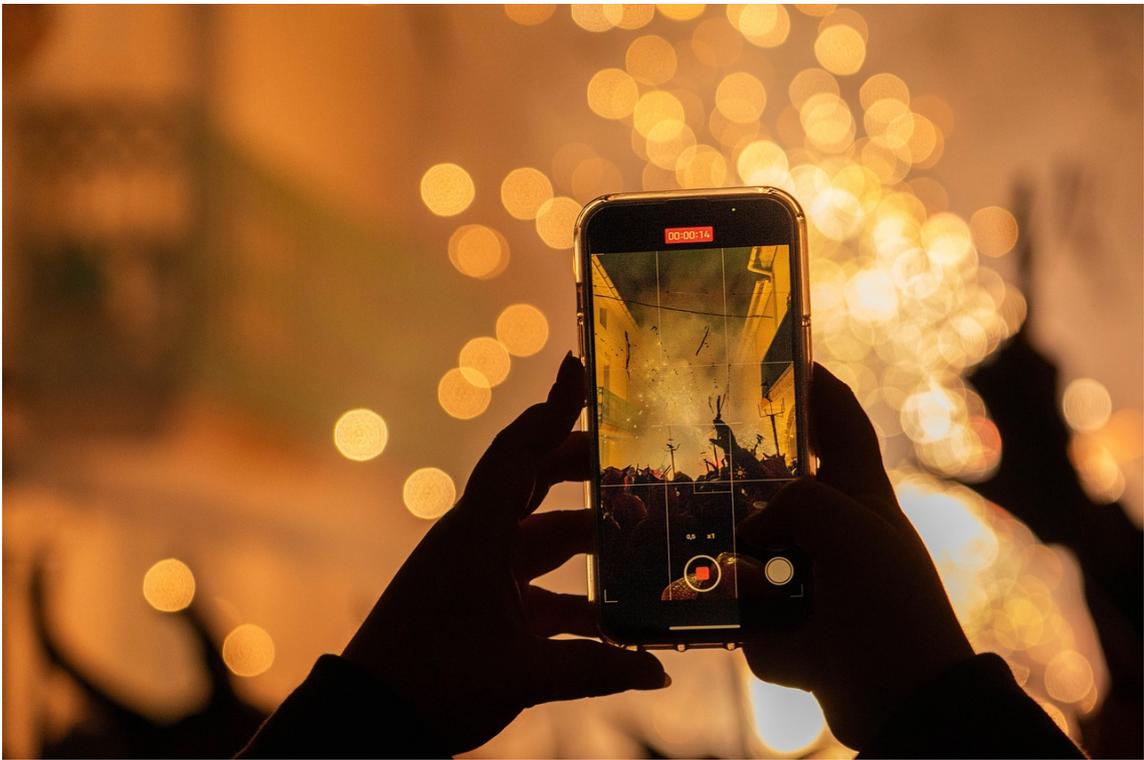
9]b`6`]W`_`Ui`Zi`a`k`Y`hg]Y[`Y`_`Ubb`VY]XYf`5i`gk`U`\`\`Y`ZYbž`XYb`b`g]Y`
[`YVYb`C`f]Ybh]Yfi`b[`ž`k`Y`WY`i`bhYf`_ØbZiY`hUhg`ÄW`]W`b`UW`\U`h][`Y`
DfU`_h]_`Yb`i`a`gYhnYb`"@UVY`g`k`]Y`Hci`f7Yfh`c`XYf`c`_`U`Y`
NYfh]Zn]Yfi`b[`Yb`g]bX`Y]b`[`i`hYf`5`b`U`hgdi`b`_hž`i`a`:`fY`Ybk`Ug`\]b[`
ni`j`Yfa`Y]XYb`"9VYb`gc`c`\`bh`Yg`g]W`ž`[`fc`»`Y`5`"!`ϕ`Wi`g]j`Y!FYgc`fhg`
ni`a`Y]XYb`i`bX`ghUhhXYggYb`ZJa`]Yb[`Y`ZØ`fhY`:`ÄghY`\`Äi`gYf`ni`
i`bhYfgh`Ø`hnYb`"ϕ`J]Yhb`Ua`ž`VYgc`bXYfg`]b`XYb`Ä`bX`]WYb`:`YV]YhYb`
XYg`A`Y`_`cb`[!8Y`hUgž`V]YhYb`<`ca`YghUmg`X]Y`7`\`UbW`ž`VY]
9]b`\Y]a`]gWYb`ni`ØVYfb`UW`hYb`ž`\`fY`?ØWY`_YbbYbni`YfbYb`i`bX`

X]fY_h'ni f'k]fhgW\UZh]W\Yb'GhUV]]hÅh'XYf'F Y[]cb'VY]ni hfU[Yb"
8]YgY'l bhYf_ØbZhY'gdUfYb'cZh'FYggci fW\ bž]bXYa'g]Y'Ui Z
i bbØh][Yb'9bYf[]Yj YfVfUi W\ j Yfn]W\hYb' 'Y]b'Df]bn]dž'XUg
F Y]gYbXY'gY'Vgh'ØVYfbY\ a Yb'_ØbbYbž]bXYa'g]Y'@]W\hi bX
'?]a UUb`U[Yb'Ui ggW\U`hYbž'k Ybb'g]Y'b]W\h'VYbØh][h'k YfXYb"

5i W'Ui Z'XYb'D\]dd]bYb' [Yk]bbYb'bUW\ \U'h][Y'l bhYf_ØbZhY'Ub
6YXYi hi b[ž]bgVYgcbXYfY'Ui Z'ægY'b'k]Y'DU`Uk Ubž'k c'9W!
F Ygcfhg'XUfUi Z'UW\hYbž'X]Y'Ya dZ]bX`]W\Yb'?cfU`Ybf]ZZY'i bX
A Ub[fcj Ybk Å'XYf'ni 'gW\ØhnYb"]Y'Y'X]YgYf'C fhY'Yb[U[]YfYb'g]W\
]b'Dfc'Y_hYb'ni f'A Ø`fYXi _h]cb'i bX'cf[Ub]g]YfYb
5i ZfÅi a U_h]cbYb'Ua 'GhfUbXž'Ub'XYbYb'; ÅghY'hY]'bY\ a Yb
_ØbbYb"]Gc`W\Y'æ]h]Uh]j Yb'nY][Ybž'k]Y'Yb['j YfVi bXYb'XYf'GW\i hn
XYf'BUhi f'a]h'XYa 'Hci f]ga i g'gY]b'_Ubbž'k Ybb'VY]XY'GY]hYb
<UbX']b'<UbX'UfVY]hYb"]K Yf']b'gc`W\Yb'l bhYf_ØbZhYb
ØVYfbUW\hYhž'hfÅ[h'b]W\h'bi f'ni a '9f\U'h'XYf'l a k Y'h'VY]ž'gcbXYfb
Yf'YVh'cZh'Y]bY'h]YZYfY']YfV]bXi b['ni f'F Y[]cbž'ZYfbUV'XYf
Ui g[YhfYhYbYb'DZUXY'a UggYb\UZhYf'Hci f]ghYbghfØa Y"

8]Y'9bhgW\Y]Xi b['ZØf'i a k Y'hžfYi bX`]W\Y'HfUbgdcfha]hhY`i bX
l bhYf_ØbZhY']gh'Y]b'YfghYfž'VYXYi hYbXYf'GW\ f]hž'i a 'GØXcghUg]Yb
a]h'6YXUW\h'ni 'VYfY]gYb"]8cW\Yg' []Vh'bcW\k Y]hYfY': UW\hhYbž
X]Y'Y]bY'F Y]gY'bUW\ \U'h][' [YghU'hYb' ']cb'XYf'5fhž'k]Y'a Ub'a]h
XYf'`c_U'Yb'?i 'hi f']bhYfU[]Yfhž'V]g'\]b'ni 'XYb'5_h]j]hÅhYbž'X]Y'a Ub
j cf'C fh'k Å\`h"

? i `hi fY`Y'GYbg]V]]hÅh



6Y]a`6YhfYhYb`Y]bYg`HYa dY`g`]b`H\U]`UbX`gdØfh'a Ub`gcZc fh`X]Y
Gh]`Yž`X]Y`9\ fZi fW\h[YV]YhYh`Y]b`A ca Ybhž`XYf`ni a`#bY\U`hYb
Y]b`ÅXh`i bX`XUFUb`Yf]bbYfhž`k]Y`k]W\h[`Yg`]ghž`g]W\`XYb
; YdZc[Yb\Y]hYb`Y]bYg`ZfYa XYb`C fhYg`Ubni dUggYb" `#
GØXcghUg]Ybž`k c`HfUX]h]cbYb`h]YZj Yfk i fnY`hg]bX`i bX`_i`hi fY`Y
Bi UbW\`b`XUg`hÅ[`]W\Y`@YVYb`dfÅ[Ybž`VY[]bb`h`bUW\`U`h][Yg
FY]gYb`b]W\`h`bi f`a]h`i a k Y`hVYk i gghgY]bž`gcbXYfb`Ui W\`a]h
Y]bYa`fYgdY`_h]c`Yb`i a [Ub[`Y[YbØVYf`XYb`A YbgW\Yb`i bX
]\fYb`6fÅi W\Yb" `9]b`gc`W\Yg`J Yf\U`hYb`ØZbYh`HØfYb`ni
Ui h\Ybh]gW\Yb`6Y[Y[bi b[Yb`i bX`gW\UZh`J Yfv]bXi b[Ybž`X]Y`ØVYf
cVYfZÅW\`]W\Y`Hci f]ghYba ca YbhY`]\bUi g[Y\Yb"

9]b`YfghYf`GW\`f]hž`i a`_i`hi fY`Y`GYbg]V`]hÅ`h`ni`nY][Ybž`]Y[h
XUf]bž`g]W\`j cfUV`a]h`XYb`; fi bX`U[Yb`XYg`Yk Y][Yb`@UbXYg
Ui gY]bUbXYfni gYhnYb" `#?Ua VcXgW\U`Yhk U`[]`h`Ygž`VY]a`6Ygi W\
j cb`HYa dY`b`k]Y`5b[_cf`K Uh`GWi`hYfb`i bX`?b]Y`ni`VYXYW`Ybž
XU`X]Yg`U`g`NY]W\Yb`j cb`fYgdY`_h[Y[YbØVYf`XYf`gd]f]hi Y`Yb
6YXYi hi b[`XYg`C fhYg`j YfghUbXYb`k]fX" `9VYbgc`]gh`Yg`]b`j]Y`Yb
gØXcghUg]Uh]gW\Yb`@AbXYfb`ØV`]W\ž`GW\i`Y`j cf`XYa`6YhfYhYb
Y]bYg`<Ui gYg`cXYf`\Y][Yf`GhÅ`hYb`Ui gni`n]Y\Yb" `Gc`W\Y`_Y]bYb
; YghYb`g][bU`]g]YfYb`K YfhgW\Å`hni b[`i bX`j Yf\]bXYfb
A]ggj YfghÅ`Xb]ggYž`X]Y`i bVYUVg]W\h[h`U`g`i b\ØZ]W\
k U\`f[Ybca`a Yb`k YfXYb`_ØbbhYb"

8]Y`5fh`XYf`6Y[fØ»i b[`j YfX]Ybh`YVYbZU`g`5i Za Yf_gUa _Y]hž`XYbb
g]Y`j Uf]]Yfh`ghUf_`nk]gWXYb`XYb`@ÀbXYfb`XYf`FY[]cb"K À\fybX`]b
H\U]`UbX`XYf`K U] `Y]bY`Y]W\hY`J YfVYi [i b[`a]h
ni gUa a Yb[Y`Y[hYb`<ÀbXYb`Y]bY`[Àb[] [Y` : cfa `XYf`<ÖZ]W\Y]h
]ghž`VYj cfni [h`a Ub`]b`J]YhbUa `cZh`Y]b`ZfYi bX`]W\Yg`B]W_Yb`cXYf
Y]b`@ÀWXY`b"?ÖfdYf`cbhU`hž]bgVYgcbXYfY`XUg`6YfØ\fyb`XYg
?cdZYgž`gc`hY`j Yfa]YXYb`k YfXYbž`XU`X]YgYf`]b`j]Y`Yb`?i`hi fYb`U`g
\Y]] [`]h"Gc`WXY`8YhU]`g`ni `VYUW\hYbž`ZÖfXYfh`b]W\h`bi f`XYb
[Y[YbgY]h[Yb`FYgdY`hž`gcbXYfb`Ui W\Y]bY`h]YZYfY`J YfV]bXi b[`ni
XYb`A YbgWXYb`j cf`Cfhž`k]Y`Yg`Ui W\Y]b`FYggci fW`b`ni f`_i`hi fY`Yb
GYbg]V]]h`Àh\Yfj cf[Y\cVYb`k]fX`fl UghYf7 Ud]hU`Ł"

9]b`k Y]hYfYf`5gdY`hž`XYf`cZh`ØVYfgY\Yb`k]fXž`]gh`X]Y`6YXYi hi b[
j cb`GdfUWXY` `gY`Vgh`Y]b`dUUF`[fi bX`Y[YbXY`K ÖfhYf`_ÖbbYb
K i bXYf`k]f_Yb""9]b` GUK UgXY`Y`]b`H\U]`UbX`cXYf`Y]b` HYf]a U
?Ug]\ `]b`ϕXcbYg]Yb`U`g`8 Ub`_YgW\Öb`nY][hž`XUgg`a Ub`g]W\
VYa Ø\hž`X]Y`?i`hi f`ni`j YfghY\Yb""9g[Y\h`k Yb][Yf`i a `DYfZY`_h]cb
U`g`i a `X]Y` ; YghY`XYf`C ZYb\Y]h`Ni XYa ` \]Zh`Ygž`bcbj YfVU`Y
?ca a i b[_Uh]cb`ni `VYcVUW\hYbž`XU` ; YghYb`i bX`A]a]_]b
a UbWXYb`@ÀbXYfb`UbXYfY`6YXYi hi b[Yb`\UVYb`_ÖbbYb""9]b`ni
X]fY`_hYg`5bghUffYb`cXYf`Ui hYg`GdfYWXYb`_ÖbbhY`]b`@Ucg`cXYf
A mUba Uf`U`g`i b\ÖZ]W\Y`Ya dZi bXYb`k YfXYbž`k c`6YgWXY]XYb\Y]h
i bX`Ni fØW`_U`hi b[`]YgW\Àh`h`k YfXYb"

6Y]a `H\Ya U`9ggYb`nY][h`g]W\YVYbZU`gž`k]Y`k]W\h][`i`hi fY`Y
F ØW_g]W\hbU\`a Y`]gh` ϕ`j]Y`Yb`gØXcghUg]Uh]gWXYb`@ÀbXYfb`k]fX
[Ya Y]bgUa ` [Y[YggYbž`cZh`Ui g[YhY]`hYb`GW\ØggY`bž`i bX`Yg`[]`h
U`g`\ÖZ]W\ž`Ui Z`X]Y`UbXYfYb`ni`k UfhYbž`VYj cf`a Ub`VY[]bbh` ϕ
A U`Umg]U`cXYf` ϕXcbYg]Ybž`k c`Y]b` ; fc»hY]`XYf`6Yj Ö`_Yfi b[
a i g`]a]gW\`]ghž`gc`hY`a Ub`XUfUi Z`UW\hYbž`_Y]bY`GdY]gYb`cXYf
 ; YhfÀb`_Y`a]h`XYf`]b`_Yb`<UbX`Ubni V]YhYbž`XU`X]YgY`hfUX]h]cbY`
U`g`i bfY]b[]`h"Gc`WXY` : Y]b\Y]hYb`ni `FYgdY`_h]YfYbž`j Yfa Y]XYh
dY]b`]W\Y`G]hi Uh]cbYb`i bX`nY][hž`XUgg`a Ub`X]Y`c`_U`Yb
 ; YdZc[Yb\Y]hYb`Yfbgh`b]a a h"

: chc[fUZ]YfYbž`Y]b`i bj Yfa Y]X`]W\Yf`HY]`XYg`FY]gYbgž`YfZc`fXYfh
YVYbZU`g` :]b[Yfgd]hnYb[YZØ`""6Yj cf`a Ub`A YbgWXYb`cXYf
fY][]ÖgY`Gh`Àh`hYb`UV`]W\hYhž`gc`hY`a Ub`i a `9f`Ui Vb]g`V]hYb`

VYgcbXYfg`j]b`ĀbX`j]W\Yb` ; Y[YbXYb`j cb`J]YhbUa`cXYf`Ui Z`XYb
A Āf_hYb`]b`A mUba Ufž`k c`b]W\h`YXYf`a]h`?Ua YfUg`_cbZfcbh]Yfh
k YfXYb`a ÒW\hY`"9VYbgc`]gh`Yg`fUhgUa ž`g]W\`j cb`ØVYfhf]YVYbYa
: Y]`gW\Yb`Ui ZA Āf_hYb`UVni gY\Yb`"K Ā`fYbX`Yg`]b`a UbW\Yb
@ĀbXYfb`k]Y`H\U]`UbX`ØV`]W\`]ghž`ØVYf`DfY]gY`ni`j Yf\UbXY`bž`gc`hY
X]Yg`ghYhg`ZFYi bX`]W\`i bX`a]hY]bYa`@ĀW\Y`b`[YgW\Y\Ybž`i a
b]Ya UbXYb`ni`VY`Y]X][Yb`cXYf`Ui gni bi hnYb`"

9]b`fYgdY_hj c`Yf`I a [Ub[`gW\`]Y» h`Ui W\`Y]bž`g]W\`j cb`5_hj]]hĀhYb
ZYfbni`U`hYbž`X]Y`_i`hi fY`Y`5bY][bi b[`cXYf`5i gVYi hi b[`ZØfXYfb
_ØbbhYb`"8 Ug`HfU[Yb`hfUX]h]cbY`Yf`?`Y]Xi b[`U`g`?cghØa`cXYf`XUg
HY]`bY\`a Yb`Ub`]bgnYb]YfhYb`_i`hi fY`Y`b`G\ck g ž`X]Y`k Yb][`a]h
XYf`FYU`]hĀhni`hi b`\UVYbž`gc`hY`\]bhYfZfU[h`k YfXYb`"GhUhhXYggYb
`c\`bh`Yg`g]W\`ž`YW\hY`9]b`V`]W\`Y`ni`gi W\Yb``Yhk U`Xi fW\` ; YgdfĀW\Y
a]h`9]b`Y]a]gW\Yb`cXYf`XYb`6Ygi W\`j cb`c`_U`Yb` : YghYbž`VY]
XYbYb`a Ub`U`g` ; Ugh`k]`_ca`a Yb`]ghž`c`bY`X]Y`5i h\Yb]h]n]hĀhni
ghØfYb`"

8]YgY`< U`hi b[`XYg`FYgdY_hg`i bX`XYf`BYi []Yf`[Y[YbØVYf
ZfYa`XYb`HfUX]h]cbYb`VYfY]W\Yfh`b]W\h`bi`f`X]Y`Y][YbY`FY]gYž
gcbXYfb`hfĀ[h`Ui W\`XUni`VY]ž`XUg`6]`X`XYg
j YfUbhk`cfhi b[gVYk`i gghYb`FY]gYbXYb`ni`dfĀ[Yb`"9g`ÒZzbYh`XYb
6`]W\`ZØf`X]Y`J]Y`ZU`h`GØXcghUg]Ybg`i bX`ZØ`fh`ni`6Y[Y[bi b[Ybž`X]Y
`Ub[Y`]b`9f]bbYfi b[`V`Y]VYbž`k Ā`fYbX`a Ub`[`Y]W\`nY]h][`Y]bYb
d cg]h]j Yb` : i » UVXfi W\`_`]bhYf`Āggh`"

2`_c`c`[]gW\Y`5_hj]]hĀhYb



8]Y`A cf[YbXÅa a Yfi b[`Vf]WłhØVYf`XYb`bYV`][Yb` ;]dZY`b`XYg
? \Uc`MU]`BUh]cbU`dUf_g`]b`H\U]`UbX`Ubž`i bX`XYf`?`Ub[`j cb
;]VVcbgž`X]Y`Xi fWł`X]Y`6Ui a _fcbYb`fi ZYbž`k YW_h`Y]bY`i bVÅbX][Y
@ ghž`X]Y`K]`Xb]g`ni `: i »`ni `Yf`_i bXYb`"GØXcghUg]Yb`V]YhYh
i bnÅ`][Y` ; Y`Y[Yb`Y]hYbž`X]Y`BUhi f`Ui Zi a k Y`hZFYi bX`]WłY`K Y]gY
ni `Yf`YVYbž`c`b`Y`XUVY]`Gdi fYb`ni ` \]bhYf`UggYbž`X]Y`XYf`I a k Y`h
gWłUXYb`_ØbbhYb`"5_h]j]hÅhYb`k]Y`K UbXYfbž`FUXZU`fYb`i bX
²`_chci f]ga i g`UXYb`XUni `Y]bž`X]Y`FY[]cb`]b`]\fYa `Ui h`Yb]g]WłYb
; `Ubn`ni `YbhXYW`Ybž`k Å`fYbX`a Ub`[`Y]WłnY]h][`Y]bYb`6Y]hfU[
ni a `GWłi hn`]`fYf`Ya dZ]bX`]WłYb`²`_cgmghYa Y`Y]ghYh"

K UbXYfb`nÅ`h`ni `XYb`Y]bZUWłghYb`i bX`bUWł`U`h][ghYb`K Y[Ybž
X]Y`VYY]bXfi W`YbXYb`@UbXgWłUžhYb`GØXcghUg]Ybg`U`i hbU`ni
Yf`YVYb`"č`@Ucg`cW`Yb`X]Y`gUbZhYb`<Ø[Y`j cb`@ Ub[`DfUVUb[`a]h
DZUXYbž`X]Y`Xi fWł`FY]gZY`XYf`i bX`_Y]bY`8ØfZYf`ZØ`fYbž`k c`a Ub
K UggYfZÅ`Y`k]Y`?i Ub[`G]`VYghUi bYb`_Ubb`"Gc`WłY`Hci fYb
YfZcfXYfb`_Y]bY`a chcf]g]YfhYb` : U`fnYi [Y`i bX`Yfa Ø[`]WłYb`Ygž
X]Y`I a [YVi b[`]b`Y]bYa `bUhØf`]WłYb`HYa dc`ni `[Yb]Y»Yb`"Y`b`]Wł
j Yf`Å`h`Yg`g]Wł`]b`J]YhbUa ž`k c`XYf`GUdU!HU`!FY[]cb`]a `BcfXYb
hYffUgg]YfhY`FY]gZY`XYf`i bX`X]Y`?i `hi f`XYf`<a cb[`!i bX`8Uc!
A]bXYf`Y]hYb`Ui ZK UbXYfYf`k UfhYb`" <]YfVY][]`h`Ygž`ghYhg`Ui Z
a Uf_]YfhYb`K Y[Yb`ni `V`Y]VYb`i bX`A Ø`ni `j Yfa Y]XYbž`i a `X]Y
i bVYfØ`fhY`BUhi f`b]Włh`ni `[YZÅ`fXYb"

K Yf'X]Y'F Y[]cb'Ui Znk Y]'F ÅXYfb'Yf_i bXYb'a ÒW hYž'Z]bXYh]b
j]Y'Yb'@AbXYfb']XYU'Y'6YX]b[i b[Yb'j cf''F UXZU\fyb'V]YhY'hb]W h
bi f'Y]bY'Ya]gg]cbgZfY]Y': cfhVYk Y[i b[ž'gcbXYfb'Ui W'X]Y
A Ô[']W_X]hž'UVgY]hg'XYf'Hci f]ghYbgfh'Òa Y'j YfVcf[YbY'GW ÅhnY'ni
YbhXYW_Yb''5i ZXYb'ZUWYb'9VYbYb'?Ua VcXgW Ugž'fi bX'i a 'X]Y
HYa dY'j cb'5b[_cfž'UggYb'g]W' [YZØ\fhY'F UXhci fYb'Vi WYbž'X]Y
Xi fW'ÅbX'WY'8 ÒfZYf'ZØ\fyb'i bX'9]bV']W_Y']b'XUg'U'hÅ[']WY
@YVYb' [Yk Å\fyb'' ð'6U']k]YXYfi a 'gW'Åb[Y'b'g]W'F UXk Y[Y
Xi fW'Ødd][Y'F Y]gZY'XYf'i bX'j cfVY]'Ub'hfUX]h]cbY''Yb'HYa dY'bž
k cVY]'c_U'Y'5bV]YhYf'cZh'XUfUi ZUW hYbž'_Y]bY'; fi ddYb'ni
V]'XYbž'i a 'X]Y'i a k Y'hVY'Ughi b[' [Yf]b['ni '\U'hYb''Gc'WY
5_h]j]hÅhYb'ZØfXYfb'b]W h'bi f'X]Y'Y][YbY'; Ygi bX\Y]hž'gcbXYfb
fYXi n]Yfyb'Ui W'X]Yb'Ò_c'c[]gWYb': i » UVXfi W_Yf\YV']W''

9]b'k Y]hYfyg'<][\'] [\h'bUW\U'h][Yb'F Y]gYbg']b'GØXcghUg]Yb'ghY''h
XYf'^2 _chci f]ga i g'XUfž'XYf'XUfUi ZUVn]Y'hž'B Uhi f'i bX'?i 'hi f']a
9]b'_Ub['ni 'VYk U\fyb''H\U]'UbXž'a]h'ØVYf'' \$\$'B Uh]cbU'dUf_gž'\Uh
g]W'U'g'J cffY]hYf']b'X]YgYa '6YfY]W'YhUV']Yfh'C fhY'k]Y'XYf
VYfY]hg'Yfk Å\bhY'? \Uc'MU]'B Uh]cbU'dUf'_V]YhYb' [YZØ\fhY'Hci fYb
Ubž'VY]'XYbYb'6Ygi WYf'a Y\f'ØVYf'X]Y'\Y]a]gWY': 'cfU'i bX
: Ui bU'YfZU\fyb'i bX' ['Y]W'nY]h]['Dfc[fUa a Y'ni f
K]YXYfUi Zc'fghi b['cXYf'ni a 'H]YfgW'i hn'i bhYfgh'ØhnYb'_ØbbYb''
K]Y'Y]bY'XYhU]']YfhY'E i Y''Y'ni a 'H\Ya U'VYhcbhž'ZØfXYfh'XYf
^2 _chci f]ga i g']b'H\U]'UbX'b]W h'bi f'XYb'I a k Y'hgW'i hnž'gcbXYfb
Ui W'X]Yb'dcg]h]j Yb'5i ghUi gW'a]h'c_U'Yb'; Ya Y]bgW UZhYb
fH\U]'UbX'A U[Un]b'£''

5i ZXYb'D\]']dd]bYb' [Yk]bbh'XYf'^2 _chci f]ga i g'YVYbZU'g'Ub
6YXYi hi b[ž']bgVYgcbXYfY']b'F Y[]cbYb'k]Y'DU'Uk Ubž'k c
ð]h]Uh]j Yb'ni a 'GW'i hn'XYf'? cfU''Yb]f]ZY'i bX'A Ub[fcj Ybk Å'XYf']a
J cfXYf[fi bX'ghY\Yb''<]Yf'_ØbbYb'F Y]gYbXY'Ub'? U'U_hci fYb
Xi fW' i bVYfØ\fhY'@U[i bYb'hY]'bY\ a Yb'cXYf'g]W'Ub'Dfc'Y_hYb
ni f'A Ø'fYXi _h]cb'VYhY]']Ybž'X]Y'j cb'c_U'Yb' Cf[Ub]gUh]cbYb
cf[Ub]g]Yfh'k YfXYb''Gc'WY'9f'YVb]ggY'gW UZYb'Y]b'6Yk i gghgY]b
ZØf'X]Y'NYfVfYW']W_Y]h'XYf'^2 _cgmghYa Y'i bX'nY][Ybž'k]Y'k]W h][
Yg']ghž'j YfUbhk cfhi b[gVYk i ggh'ni '\UbXY'b''Y\ b']WY'Dfc[fUa a Y
[]Vh'Yg'Ui W']b' ð'XcbYg]Ybž'k c'Ui Z'ðgY'b'k]Y'@ca Vc_
; Ya Y]bgW UZhYb'6Ygi WYf'Y]b'UXYbž'Ub'bUW\U'h][Yb'5_h]j]hÅhYb

k]Y`XYa `DZUbnYb`j cb`6Ai a Yb`cXYf`XYa `?YbbYb`YfbYb
hfUX]h]cbY`Yf`@UbXk]fhgW\UZh`hY`]ni bY\ a Yb"

9]b`VYk i gghYf`l a [Ub[`a]h: fY]nY]hUb[YVchYb`gW\`]Y» h`Ui W\`Y]bž
ZfU[k ØfX][Y`5_h]j]h`hYb`ni `a Y]XYbž`X]Y`H]YfYb`cXYf`XYf`l a k Y`h
gW\UXYb`_ØbbhYb``9`YZUbhYbfY]hYb`cXYf`G\ck`g`a]h`K]`Xh]YfYbž
k]Y`g]Y`Y]XYf`bcW\`]b`a UbW\Yb`HY]`Yb`GØXcghUg]Ybg`Ub[YVchYb
k YfXYbž`ghY\`Yb`cZh]a `K]XYfgdfi W\`ni `bUW\`U`h][Yb`Df]bn]d]Yb"
GhUhhXYggYb`c`b`h`Yg`g]W\`ž`Ni Zi W\`hggh`h`hYb`ni `VYgi W\`Ybž`X]Y`g]W\`
XYa `H]YfgW\`i`hn`k]Xa Ybž`k]Y`Yhk U`9`YZUbhYbgW\`i`hnnYbhfYb`]b
H\U`]UbXž`k`c`a Ub`X]Y`H]YfY`]b`]YfYf`bUhØf`]W\`Yb`l a [YVi b[
VYcVUW\`hYb`i`bX`i`bhYfghØ`hnYb`_Ubbž`c`bY`g]Y`Ui`gni`VYi`hYb"

5[fchci f]ga i g`V]YhYh`Y]bY`k Y]hYfY`gdUbbYbXY`A`Ö[`]W\`_Y]hž`X]Y
FY[]cb`Ui`Zi`a`k`Y`hžFYi`bX`]W\`Y`K`Y]gY`ni`Yf`_i`bXYb```b`A`U`Umg]Už
VYgcbXYfg]b`XYb`7Ua`Yfcb`<][\`UbXgž`UXYb`HYd`UbhU[Yb`i`bX
6]c!6Ui`Yfb`\ØZY`XUni`Y]bž`a`Y`f`ØVYf`bUW\`U`h][Y`@UbXk]fhgW\UZh
ni`YfZU\`fYb``6Ygi`W\`Yf`_ØbbYb`VY]`XYf`9fbhY`a]h\`Y`ZYb`cXYf
?cW\`_i`fgY`VY`Y[Ybž`X]Y`fY[]cb`U`Y`Ni`hUhYb`j`Yfk`YbXYbž`i`bX`gc
X]fY`_h`X]Y`c`_U`Y`K]fhgW\UZh`gh`f`_Yb``Gc`W\`Y`9f`YVb]ggY`j`YfV]bXYb
;`Ybi`gg`a]h`j`YfUbhk`cfhi`b[`i`bX`UggYb`Y]bYb`X]Y`K`i`fnY`b`XYf
gØXcghUg]Uh]gW\`Yb`?ØW\`Y`Ui`ZY]bY`[Ub`n`bYi`Y`5fhj`YfghY\`Yb"

8]YgY`i`a`k`Y`hžFYi`bX`]W\`Yb`i`fY]nY]ha`Ö[`]W\`_Y]hYb`g]bX`bi`f`Y]b`HY]
XYggYbž`k`Ug`GØXcghUg]Yb`ni`V]YhYb`\Uhž`k`Ybb`Yg`XUfi`a`[Y\`hž
bUW\`U`h][`ni`fY]gYb``G]Y`nY][Ybž`k]Y`Yb[`BUhi`fž`?i`hi`fi`bX
j`YfUbhk`cfhi`b[gVYk`i`gghYg`<UbXY`b`a]hY]bUbXYf`j`Yf`_bØdZh]g]bXž
i`bX`UXYb`XUni`Y]bž`bcW\`h]YZYf`]b`X]Y`j]Y`ŽA`h][Yb`5gdY`_hY`Y]bYf
VYk`i`gghYb`fY]gY`Y]bni`hUi`W\`Yb"

@c`_U`Y`?ØW\`Y`i`bX`bUW\`U`h][Y`9fb`Ä`\fi`b[



9]b`k Øfn][Yf`<Ui W`j cb`N]hfcbyb[fUg`i bX`?c_cga]`W`ghY][h`Ui g
Y]bYa `XUa dZYbXYb`HY`Yf`Hca `M a `Gi ddY`Ui Z`k Å\fybX`a Ub`Ub
Y]bYa `[_Y]bYb`GhfU» YbghUbX`]b`6Ub[_c`_g]hnhž`i a [YVYb`j ca
`YV\UZhYb`HfY]VYb`Y]bYg`B UW`ha Uf`hg" `8]Y`_i `]bUf]gW`Y`K`Y`h
GØXcghUg]Ybg`j YfZØ\fh`b]W`h`bi`f`a`]h`]bhYbg]j Yb`5fca`Ybž`gcbXYfb
V]YhYh`Ui W`_Y]bY`k`i`bXYfVUfY` ; Y`Y[Yb`_Y]hž`B UW`_U`h][_Y]h`X]fY`_h
Ui Z`XYb`HY`Yf`ni`_Vf]b[Yb`"FY[]cbU`Y`?ØW`Y`ni`_ [Yb]Y» Yb
VYXYi hYhž`X]Y`?i`_hi`f`ni`_gW`a`YW`Ybž`c`_U`Y`K`]fhgW`UZhYb`ni
i`bhYfghØh`Yb`i`bX`[`Y]W`nY]h][`XYb`_Ø`c`c []gW`Yb` : i » UVXfi W`_ni
a`]b]a`]YfYb`_`Y]b` ; Ybi`gg`ZØf` ; Ui`a`Yb`i`bX` ; Yk`]ggYb`ni` [`Y]W`"

9]b`[fc» Yf`J cfhY]`XYf`fY[]cbU`Yb`?ØW`Y`_Y[h`]b`_]\fyf` : f]gW`Y`i`bX
BÅ\Y`ni`f`E`i`Y`_Y" `#`@ÅbXYfb`k`]Y`J`]YhbUa`_cXYf`H\U]`UbX`_ca`a`Yb
j`]Y`Y`Ni`hUhYb`X]fY`_hj`cb`i`a`_`Y[YbXYb`A`Åf`_hYb`cXYf
6Ui`Yfb`\ØZYbž`k`Ug`_Ub[Y`HfUbgdcfhk`Y[Y`i`bX`XUa`]hj`YfVi`bXYbY
9a`]gg]cbYb`j`Yfa`Y]XYh" `9]b`GW`Å`W`Yb`D\c`]b`<Ubc]ž`ni`VYfY]hYh
a`]h`?f`Åi`hYfb`i`bX` ; Ya`ØgYž`XUg`Ua`_gY`VYb`A`cf[Yb`[YfYb`hYh
k`i`fXYž`gW`a`YW`_h`b]W`h`bi`f`i`bj`Yf[`Y]W`_W`ž`gcbXYfb`i`bhYfghØh
Ui`W`_X]Y`@UbXk`]fhY`XYf`FY[]cb`"Gc`W`Y`GdY]gYb`g]bX`c`Zi`gU]gcbU`ž
k`Ug`VYXYi`hYhž`XUgg`g]Y`]a` `9]b`_Ub[`a`]h`XYf`BUhi`f`dfcXi`n]Yfh
k`YfXYbž`c`_bY`XYb`9]bgUhn`j`cb`HfY]V\Åi`gYfb`cXYf`W`Ya`]gW`Yb
8Øb[Ya`]hY`b`ni`_Yfnk`]b[Yb`"

9]b`k Y]hYfYf`D`i gdi b_h`nY][h`g]W\`j]b`XYf`l bhYfghØhni b[`Y]bYfž
ZUa `]Y]b[YZØ\fhYf`6Yhf]YVY"5bghUhh]b`]bhYfbUh]cbU`Yb
FYghUi fUbh_YhhYb`ni `YggYbž`c`b`h`Yg`g]Wž`GhfU» YbghÀbXY`cXYf
`c_U`Y`K Ufi b[g]b`b`XcbYg]Yb`Ui Zhi gi W\Ybž`k c`hfUX]h]cbY`Y`
; Yf]W\hY`k]Y`B Ug]; cfYb[`a`h]j]Y`<YfnV`i hini VYfY]hYh`k YfXYb"
8]YgY`_Y]bYb`l bhYfbY`a Yb`dfcZ]h]YfYb`X]fY`_hj cb`XYb
9]bbU`a Ybž`i bX`XUg; Y`X`V`Y]Vh]b`XYf; Ya Y]bgW\UZhž`ghUhh]b`X]Y
HUgW\Yb`[fc»Yf`?cbnYfbY`ni `Z]Y»Yb`Ni XYa`V]YhYb`gc`W\Y`CfhY
cZiUi h\Ybh]gW\YfY`9]bV`]W_Y]b`X]Y`9gg_i`hi fžZYfbUV`j cb
ghUbXUfX]g]YfhYb`A YbØgž`X]Y`Ui ZHci f]ghYb`ni [YgW\ b]hYb`g]bX"

I a`bUW\`U`h][`ni`[Yb]Y»Ybž`\`Zi`Ygž`[Yn]Y`h`bUW\`@c_U`Yb`ni
gi W\Ybž`X]Y`fY[]cbU`Y`DfcXi`_hY`j Yfk YbXYb"b`?Ua`VcXgW\U
VY]gd]Y`gk Y]gY`gYhYb`j]Y`Y`FYghUi fUbhg]b`G]Ya`FYUd`Ui Z
Ni hUhYb`j cb`bU`Y[Y`Y[YbYb`6]c!6Ui Yfb`\ØZYbž`i a`; Yf]W\hY`k]Y
5a`c`_`Y]bYb`[YXÀa`dZhYb`;]gW\W`ffm]b`6UbUbYbV`ÀhYfb`
ni ni VYfY]hYb`Gc`W\Y`9bhgW\Y]Xi b[Yb`fYXi`n]YfYb`b]W\hibi`f`X]Y
I a`k Y`hVY`Ughi b[ž`gcbXYfb`ZØfXYfb`Ui W\`bUW\`U`h][Y
@UbXk]fhgW\UZh" `D`UhZcfa`Ybž`X]Y`VY]`XYf`Gi W\Y`bUW\`dUggYbXYb
FYghUi fUbhg`i bhYfghØhnybž`_ØbbYb`\]Yf`k Yfhj`c`Y`8]YbghY`Y]ghYbž
]bXYa`g]Y`6Yk Yfhi b[Yb`i bX`bZcfa`Uh]cbYb`ni`c_U`Yb`?ØW\Yb
VYfY]hghY`Yb`fFYghUi fUbh; i fi l"

9]b`VYk i gghYf`l a [Ub[`a`h`@VYbga`]hY`b`gW\`Y»h`Ui W\`Y]bž
J YfgW\k YbXi b[`ni`j Yfa`Y]XYb"b`j]Y`Yb`gØXcghUg]Uh]gW\Yb
@AbXYfb`]ghYg`ØV`]W\ž`bi`f`gc`j]Y`ni`VYghY`Ybž`k]Y`a`Ub
hUhgÀW\`]W\`YggYb`_Ubbž`XU`FYghY`cZi`b]W\h`a`h[Ybca`a`Yb
k YfXYb"K Yf`]b`A`U`Umg]U`Ub`Y]bYa`<Uk`_Yf`7YbhYf`gdY]ghž`_Ubb
_Y]bYfY`Dcfh]cbYb`j YfgW\]YXYbYf; Yf]W\hY`k]Y`7`Uf`?k Um`HYck
cXYf`@U`gU`dfcV]YfYbž`i a`, VYfZi`gg`ni`j Yfa`Y]XYb"Ni XYa`c`b`h
Yg`g]W\ž`Ui Z9]bk Y[d`Ugh]_`ni`j Yfn]W\hYb`_`Y]bY
k]YXYfj Yfk YbXVUfY`K UggYfZUgW\Y`cXYf`Y]b`6Ua`Vi gghfc`\`U`a
g]bX`Y]bZUW\Y`A`]hY`ž`i a`A`Ø`ni`fYXi`n]YfYbž`k À`fYbX`a`Ub`X]Y
J]Y`ZU`h`XYf`GhfU»Yb`_ØW\Y`[Yb]Y»h"

J Y[YhUf]gW\Y`i bX`j Y[UbY`C dh]cbYb`[Yk]bbYb`]b`GØXcghUg]Yb
]a`a`Yf`a`Y`f`Ub`6YXYi hi b[`i bX`V]YhYb`Y]bY`k Y]hYfY`A`Ø[`]W\`_Y]hž
i a`k Y`hZFYi bX`]W\`ni`YggYb"b`b`H\U`]UbX`g]bX; Yf]W\hY`k]Y`DUX

?fU'DUc'a]h'HcZ'icXYf'; Ya ØgY!7i ffm'k Y]hj YfVfY]hYhi bX
fYXi n]YfYb'XYb': `Y]gW_cbgia ž'XYf'cZi'a]h'\c\Yb
7C &!9a]gg]cbYb'j YfVi bXYb']gh"6YgcbXYfg'k Å\fybX
Vi XX\]gh]gWYf': YghY']b @ÅbXYfb'k]Y @Ucg'cXYf'A mUba Uf'Z]bXYh
a Ub'nU\`fY]WY'ZY]gW`cgY'GdY]gYbž'X]Y'h]YZ]b'XYf'HfUX]h]cb
j Yfk i fnY'h]g]bX" `Gc`WY'5`hYfbUh]j Yb'ni `k Å\`Ybž'gWcbh'b]W'h'bi f
FYggci fWbž'gcbXYfb'YfØZbYh'Ui W`bYi Y'; YgW`a UW_gk Y`hYb"

9]b'h]YZfYg'9]bhUi W`Yb']b'X]Y'fY[]cbU`Y'?ØWY' _Ubb'Xi fW
?cW`_i fgY'cXYf'A Uf_hVYgi W`Y'VYfY]W`Yfh'k YfXYb"5i Z6U']V]YhYb
j]Y'Y'5bV]YhYf'Hci fYb'Ubž'VY]`XYbYb'a Ub'a cf[Ybg'Ui ZY]bYa
`c_U`Yb'A Uf_h'Zf]gWY'Ni hUhYb'k]Y'; U'[Ubh'i bX'?i f_i a U'_Ui Zhž
i a `UbgW`]Y» YbX'hfUX]h]cbY`Y'; Yf]W`hY'k]Y'6UV]'; i `]b[
ni ni VYfY]hYb" `Gc`WY'9f'YVb]ggY'gW`UZZYb'b]W`h'bi f'J YfghÅbXb]g
ZØf'X]Y'< Yf_i bZi'XYf'GdY]gYbž'gcbXYfb'ZØfXYfb'Ui W`XYb'X]fY_hYb
5i ghUi gW`a]h'DfcXi nYbhYb'i bX'?ØWYbž'X]Y']\f'K]ggYb'[YfbY
hY]`Yb"

8]Y'9bhgWY]Xi b[ž`c_U`Y'i bX'bUW\U'h][Y'GdY]gYb'ni `[Yb]Y» Ybž
]ghY]b'k Y]hYfYf'6Ui ghY]bž'i a `Y]bY'FY]gY'Xi fW`GØXcghUg]Yb
j YfUbhk cfhi b[gVYk i ggh'ni `[YghU'hYb"9g'nY][hž'k]Y'Yb[]; Ybi gg
i bX'9h\]_`a]hY]bUbXYf'j Yf_bØdZi'gY]b'_ØbbYbž'i bX'ØZbYh'XYb
6`]W`ZØf'X]Y'i bnÅ\`][Yb'; YgW]W`hYbž'X]Y'\]bhYf'YXYa `; Yf]W`h
ghYW_Yb"

I b hY fghØhni b[``c_U`Yf'; Ya Y]bgW`UZhYb



ϕ`Y]bYa ` _Y]bYb`8cfZ'bU\Y`G]Ya `FYUd`k YVYb` : fUi Yb`i bhYf
gW Uhh[Yb`DU`a Yb`_i bghj c`Y`? ÒfVY`Ui g`6Ua Vi gž`]\fY`< ÀbXY
VYk Y[Yb`g]W`a]h`Y]bYf`DfÀn]g]cbž`X]Y`j cb` ; YbYfUh]cbYb
ØVYf`]YZfhYg`K]ggYb`j YffÀh`"8]YgY`GnYbY`]gh`a Y`f`U`g`bi`f`Y]b
a U`Yf]gW`Yf`5bV`]W`_`g]Y`nY][hž`k]Y`F`Y]gYbXY`Xi fW`_[Yn]Y`hY
I bhYfghØhni b[``c`U`Yf`Dfc`Y`_hY`Y]bYb`YW`hYb`I bhYfgW`]YX
a UW`Yb`_ØbbYb`` ϕ`GØXcghUg]Yb`[]Vh`Yg`nU`\`fY]W`Y`ϕ]h]Uh]j Ybž`X]Y
XUfUi Z`UVn]Y`Ybž` ; Ya Y]bgW`UZhYb`ni`ghÀf`Ybž`X]Y`I a k`Y`h`ni
gW`ØhYb`i bX`_i`hi`fY`Yg`9fVY`ni`VYk`U`\`fYb``5`g`6Ygi`W`Yf`\`Uh
a Ub`X]Y`A`Ò[`]W`_Y]hž`U`_h]j`X`Uni`VY]ni`hfU[Ybž`]bXYa`a`Ub`NY]hž
F`Yggci`fW`b`cXYf`Z]bUbn]Y``Y`A`]hY`Y]bVf]b[h`

9]bY`XYf`X]fY`_hY`ghYb`K`Y[Yž`<`]ZY`ni`Y]ghYbž`VYghY`\`h`XUf]bž
DfcXi`_hY`i`bX`8]YbghY]ghi`b[Yb`j`cb``c`U`Yb`<`UbXk`Yf`_Yfb`i`bX
I bhYfbY`\`a`Yfb`ni`Yfk`YfVYb``ϕ`J]YhbUa`ž`VYgcbXYfg`]b`XYb
`ÀbX`]W`Yb` ; Y[YbXYb`i`a`<c`]5bž`ZØfXYfb`?`ccdYfUh]j`Yb`X]Y
<YfghY``i`b[`hfUX]h]cbY``Yf`GY]XYbghc`ZY`c`XYf`@UhYfbYbž`k`cVY]`X]Y
9]bbU`\`a`Yb`X]fY`_h`XYb` :`Ua`j]Yb`ni`[`i`hY`_ca`a`Yb``Gc`W`Y`?`Ài`ZY
i`bhYfghØhYb`b]W`h`bi`f`X]Y`k`]fhgW`UZh]W`Y`I`bUV`\`Àb`[[`_Y]hž
gcbXYfb`hfU[Yb`Ui`W`X`Uni`VY]ž`U`hY`<`UbXk`Yf`_g`ØbghY`Ua`@VYb
ni`Yf`\`U`hYb``A`Àf`_hY`k`]Y`X]YgY`V]YhYb`c`Zh`ZU]fY`DfY]gYž`i`bX`Y]b
VYk`i`gghYf`9]b`_Ui`Z`ghY`h`g]W`Yfž`XUgg`XUg` ; Y`X`Xcfh`Ub`_ca`a`hž`k`c
Yg`Ua`a`Y]ghYb`[`YVfUi`W`h`k`]fX`

: fY]k]`][YbUfVY]h`V]YhYh`Y]bY`k Y]hYfY`A Ò[`]W_X]hž`g]W
Y]bni Vf]b[YbžYfZcfXYfh`YXcW`gcf[ZÀ`h][Y`D`Ubi b[ži a
g]W_Yfni ghY`Ybž`XUgg`X]Y`<]ZY`bUW`U`h][`]gh`"÷`?Ua VcXgW`U`[]Vh
Yg`Dfc`Y`_hY`k]Y`X]Y` : Ufa `ci gY`Ga]]b[; YW`cž`X]Y`F`Y]gYbXY
Y]b`ÀXhž`VY]`6]Xi b[g!`i bX`@UbXk]fhgW`UZhg]b]h]Uhj] Yb
a]hni k]f`_Ybž`i a `c`_U`Y` ; Ya Y]bgW`UZhYb`ni `gh`Àf`_Yb`"Gc`W`Y
Dfc[fUa a Y`Yfa Ò[`]W`Yb`Ygž`dfU`_h]gW`Y` : À`][_Y]hYb`ni `hY]`Yb
cXYf`Y]bZUW`VY]`U`h`À[`]W`Yb`5i Z[UVYb`ni `Y`ZYbž`k À`fYbX`a Ub
[`Y]W`nY]h][`]_i `hi fY`Yb`5i ghUi gW`Yf`YVh`"K]W`h][`]ghž
Cf[Ub]gUh]cbYb`ni `k À`Ybž`X]Y`hfUbgdUfYbh`UfVY]hYb`i bX`XYfYb
: c_i g`Ui Z`Ub[Zf]gh][Yb`Bi hnYb`ZØf`X]Y`9]b`Y]a]gW`Yb`Y]Y[hž
UbghUhh`Ui Z`_i fnZf]gh][Y`hci f]gh]gW`Y`9f`YVb]ggY"

9]b`k Y]hYfYf`5bgUhn`VYghY`h`XUf]bž`Ub`l a k Y`h]b]h]Uhj] Yb
hY]`ni bY`a Ybž`X]Y`cZi`Xf]b[YbX`i bhYfghØhni b[`VYbØh][Yb`5i Z
XYb`D`][`dd]bYbž`]bgVYgcbXYfY`]b`?ØghYbfY[]cbYb`k]Y`7YVi ž
cf[Ub]g]YfYb`c`_U`Y` ; fi ddYb`fY[Y`a À`][`GhfUbXfY]b][i b[Ybž`i a
D`Ugh]_a Ø`ni `VY`_Àa dZYbž`XYf`X]Y`Ya dZ]bX`]W`Yb
A YfYgØ`cgmghYa Y`VYXfc`h`F`Y]gYbXY`_ØbbYb`g]W`gc`W`Yb
5_h]cbYb`Ub`gW`]Y»Ybž`gY]`Yg`ZØf`Y]bYb`HU[`cXYf`_Àb[Yfž`i bX`gc
Y]bYb`X]fY`_hYb`6Y]hfU[`ni a `GW`i hn`XYf`B`Uhi f`Y]ghYb`"K]Y`Y]bY
i a ZUggYbXY`F`Yggci fW`ni `bUW`U`h][Ya `Hci f]ga i g`Yfj cf`YVhž
g]bX`gc`W`Y`7`YUbl dg`Y]bY`YZZ`_h]j Y`A Ò[`]W`_Y]hž`X]Y
l a k Y`hVY`Ughi b[`ni `fYXi n]YfYb`i bX`[`Y]W`nY]h][`Y]b`6Yk i gghgY]b
ZØf`Ø`c`c []gW`Y`<YfUi gZcfXYfi b[Yb`ni `gW`UZZ`b`f7`UfY`9`]hY`Ł"

:]bUbn]Y`Y`l bhYfghØhni b[`Xi fW`GdYbXYb`cXYf
A]_fc]bj Ygh]h]cbYb`_Ubb`YVYbZU`g`Y]bYb`[fc»Yb`9]bZi gg`UVYbž
VYgcbXYfg`VY]`_Y]bYfYb`÷]h]Uhj] Ybž`X]Y`cZi`i bhYfZ]bUbn]Yfh`g]bX`"
÷`H`U]`UbX`ZØfXYfb`Dfc`Y`_hY`k]Y`9`YZubhYbgW`i hnnYbhYb`XYb
H]YfgW`i hn`i bX`V]YhYb`H]YfYbž`X]Y`ni j cf`]b`XYf
Hci f]ga i g]bXi ghf]Y`Ui g[YVYi hYh`k i fXYbž`Y]b`g]W`YfYg`Ni `Ui gY`"
9]bY`GdYbXY`cXYf`XYf`?Ui Z] cb`DfcXi _hYbž`X]Y`j cb`X]YgYb
NYbhYb`Ub[YVchYb`k YfXYbž`]\`Zž`]\fY`5fVY]hZcfhni gYhnYb`"
9VYbgc`i bhYfghØhnYb`]b`@Jcg`_Y]bYfY`B; Cg`XYb`Ni [Ub[`ni
6]Xi b[`ZØf`?]bXYf`]b`UV[Y`Y[YbYb`8ØfZYfbž`i bX`gY`Vgh`_Y]bY
6YhfÀ[Y`_ØbbYb`GW`i `a UhYf]U`]Yb`cXYf`@Y`fYfgh]dYbX]Yb
Z]bUbn]YfYb`"

HY]`bU\`a Y`Ub`_i`hi fY`Yb`Dfc [fUa` a Yb`ghY`h`Y]bY`k Y]hYfY
k Yfhj`c`Y`C dh]cb`XUfž`i`a`c`_U`Y` ; Ya` Y]bgW\UZhYb`ni`Z`OfXYfb`" `đ
đXcbYg]Ybž`Ui`Z`đgY`b`k`]Y`6U`]`cXYf`@ca` Vc`_ž`UXYb`8`ÖfZYf
6Ygi`W\Yf`ni`K`cf`_g`cdg`Y]bž`]b`XYbYb`hfUX]h]cbY`Y`H`AbnYž`A`i`g]_
cXYf`?`cW\`ØbghY`[`Y`Y`f`h`k`YfXYb`"8`]Y` ; YVØ`fYb`Z`Øf`gc`W\Y
5`_hj`]h`hYb`Z]Y»Yb`c`Z`h`X]fY`_h]b` ; Ya` Y]bgW\UZhgd`fc`Y`_hYž`k`]Y`XYb
6Ui`j`cb`G`W\i`Yb`c`XYf`X]Y`đghUbX`U`hi`b`[`j`cb`HYa`dY`b`"Gc`W\Y
9f`YVb]ggY`V]YhYb`b]W\h`bi`f`9]bV`]W`_Y`]b`X]Y`?`i`hi`fž`gcbXYfb
gW\UZZYb`Ui`W\`Y]bY`X]fY`_hY`J`YfV]bXi`b`[`nk`]gW\Yb`F`Y]gYbXYb`i`bX
9]b`Y]a`]gW\Ybž`X]Y`Ui`Z`[`Y`[`Y`bgY]h][`Ya`F`YgdY`_h`VUg]Yfh"

9]b`VYk`i`gghYf`I`a`[`Ub`[`a`]h`Hci`f]ga`i`g`gW\`Y»`h`Ui`W\`Y]bž`g]W\
ØVYf`X]Y`5i`gk`]f`_i`b`[`Yb`XYf`Y][`YbYb`F`Y]gY`ni`]b`Zcfa`]YfYb`i`bX
[`Yn]Y`h`đ]h]Uhj`Yb`ni`i`bhYfghØ`hnYbž`X]Y`Ub`[`Zf]gh][`Y`J`c`fhY]`Y
V]YhYb`"D`UhhZcfa`Yb`i`bX`c`_U`Y`F`Y]gY`Z`Ø`fYf`_`Ø`bbYb`XUVY]`Y`Y`ZYbž
j`YfhfUi`Ybgk`ØfX][`Y`Dfc`Y`_hY`ni`]XYbh]Z]n]YfYbž`X]Y`k`]f`_]W\`Y]bYb
I`bhYfgW\]YX`a`UW\Yb`"9g`[`Y`h`XUfi`a`ž`b]W\h`bi`f`U`g`6YcVUW\hYf
Xi`fW\`X]Y`F`Y`[`]cb`ni`n]Y`Y`bž`gcbXYfb`U`g`U`_h]j`Yf`HY]`bY`a`Yfž`XYf
Yhk`Ug`Dcg]h]j`Yg`Y`]bhYf`Äggh"

8]YgY`:`cfa`Yb`XYf`I`bhYfghØ`hni`b`[`nY][`Ybž`k`]Y`j`]Y`Z`A`h][`X]Y
A`Ö`[`]W\`_Y]hYb`g]bXž`Y]bYb`6Y]hfU`[`ni`Y]ghYbž`k`Ä`fYbX`a`Ub
GØXcghUg]Yb`Yf`_i`bXYh`G]Y`UXYb`XUni`Y]bž`ØVYf`X]Y`Y][`YbY`F`c`Y`
U`g`F`Y]gYbXYf`bUW\ni`XYb`_Yb`i`bX`K`Y`[`Y`ni`Z]bXYbž`X]Y
6Y`[`Y`[`bi`b`[`a`]h`X]YgYf`ZUgn]b]YfYbXYb`F`Y`[`]cb`bcW\
VYXYi`hi`b`[`gj`c`Y`f`ni`[`Y`ghU`hYb`"

B`Uhi`fgW\`i`hn`[`YV]YhY`i`bX`b`UW\`U`h][`Y`
9f`YVb]ggY`



HJYZ]a`<YfnYb`6cfbYcgž`k c`XYf`?]bUVUhUb[Ub!: `i gg`g]W`Xi fW`
 X]W`hYb`FY[Ybk U`X`gW`Àb[Y`hž`\Òfh`a Ub`XUg`ZYfbY`6fØ`Yb`Y]bYg
 CfUb[!! hUbg` `Y]b`Fi Zž`XYf`X]Y`i bVYfØ`fhY`K]`Xb]g`YVYbX][
 k YfXYb``Àggh`Gc`W`Y`A ca`YbhY`]b`XYb`BUh]cbU`dUf_g`i bX
 GW`i hn[YV]YhYb`GØXcghUg]Ybg`g]bX`b]W`h`bi`f`i`bj`Yf[Ygg`]W`ž
 gcbXYfb`Yf]bbYfb`i`bg`XUfUbž`k]Y`nYfVfYW`]W`X]YgY`^2`_cgmghYa`Y
 g]bX`"9]b`6Ygi`W`]b`X]YgYb`[YgW`ØhnhYb`NcbYb`V]YhYh`X]Y`7`UbW`ž
 X]Y`VYY]bXfi`W`_YbXY`5fhYbj`]Y`ZU`h`XYf`FY[]cb`ni`Yf`VYbž
 YfZcfXYfh`YXcW`Y]b`c`Yg`A U»`Ub`J`YfUbhk`cfhi`b[ž`i`a`X]Y`BUhi`f
 b]W`h`ni`[YZÀ`fXYb`"A`]h`XYb`f]W`h][Yb`5bg`ÀhnYb`_ÒbbYb`FY]gYbXY
 XUni`VY]hfU[Ybž`X]YgY`GW`ÀhnY`ZØf`ni`_ØbZh][Y`;`YbYfUh]cbYb`ni
 VYk`U`fYb`"

9]b`YfghYf`GW`f]h`ni`Y]bYa`i`a`k`Y`hVYk`i`gghYb`6Ygi`W`VY[]bbh
 a`]h`XYf`K`U`\`XYg`FY]gYn]Y`g`i`bX`XYf`J`cfVYfY]hi`b["H`U]`UbX
 VY\YfVYf[h`ØVYf`" \$\$`BUh]cbU`dUf_gž`XUfi`bhYf`XYb`?\`Uc`Gc`_
 BUh]cbU`dUf_ž`k`c`i`fU`hY`FY[Ybk`À`XYf`i`bX`?`U`_ghY]bZY`gYb`Y]bY
 UhYa`VYfUi`VYbXY`?`i`]ggY`V]`XYb`"6Yj`cf`a`Ub`gc`W`Y`C`fhY`VYhf]hž
 `c`b`h`Yg`g]W`ž`X]Y`gdYn]Z]gW`Yb`FY[Y`b`i`bX`F]W`h]b]Yb`ni
 fYW`YfW`]YfYbž`XU`j`]Y`Y`DUf_g`ghfYb[Y`J`cf[UVYb`ni`a`GW`i`hn`XYf
 :`cfU`i`bX`:`Ui`bU`\UVYb`"8Uni`[Y\Òfh`c`Zž`Ui`Z`a`Uf_]YfhYb`DZUXYb
 ni`V`Y]VYbž`i`a`Ya`dZ]bX`]W`Y`6ØXYb`i`bX`DZUbnYb`b]W`h`ni
 nYfghØFYbž`gck]Y`XUg`A]hZØ`fYb`j`cb`A`Ø`ni`j`Yfa`Y]XYbž`XYf`

K]Xh]YfY [YZÄ \fXYb`_ÖbbhY"

⊖`A U`Umg]U`cW_h`XYf`HUa Ub`BY[UfU`BUh]cbU`dUf_ž`Y]bYf`XYf
Ä`hYghYb`FY[Ybk Ä`XYf`XYf`K Y`hž`a]h`Y]bYf`i b[`Ui V`]WXYb`J]Y`ZU`h
Ub`H]Yf!`i bX`DZUbnybUfhYb"<]Yf`]gh`Yg`fUhgUa ž[YZØ\fhY`Hci fYb
a]h`nYfh]Z]n]YfhYb`FUb[Yfb`ni `Vi WXYbž`X]Y`b]W`h`bi f`ØVYf
Z bX]YfhYg`K]ggYb`j YfZØ[Ybž`gcbXYfb`Ui W`g]WXYfghY`Ybž`XUgg
6Ygi WXYf`X]Y`I a k Y`h`b]W`h`VY`UghYb`"Gc`WXY : Ø\fi b[Yb
a]b]a]YfYb`GhØfi b[Yb`ZØf`X]Y`H]Yfk Y`h`Yhk U`Xi fW`U`Ui hYg
J Yf\U`hYb`cXYf`6`]h`]W`h`Zc`hc[fUZ]Y` `i bX`V]YhYb`[`Y]W`nY]h][
k Yfhj c`Y`9]bV`]W_Y`]b`X]Y`6YXYi hi b[`XYg`BUhi fgW`i hnYg`9]bY
\]ZfY]WXY`FYggci fW`ZØf`i a k Y`h`ZfYi bX`]WXY`FY]gYdfU`h]_Yb
VYhc`b`hž`k]Y`k]W`h][`Yg`]ghž`gc`WXY`VYk i gghYb`9bhgWXY]Xi b[Yb`ni
hfYZZYbž`i a `X]Y`BUhi f`ni `gW`Ø`hnYb`f**9Wc`hfUj]UŁ**"

9]b`k Y]hYfYg`ž k Y`Z]bXYh`g]W`Ui Z`XYb`D\`]dd]bYb`ja `Di Yfhc
Df]bW`gU`Gi VhYffUbYUb`F]j Yf`BUh]cbU`dUf_`Ui Z`DU`Uk Ubž`XYf`ZØf
gY]bYb`i bhYf]fX]gWXYb` : `i gg`i bX`gY]bY`Y]bn][Ufh][Yb
?UfghZc`fa Uh]cbYb`VY`_Ub`bh]gh"<]Yf`k]fX`X]Y`5bnU\`XYf`hÄ[`]WXYb
6Ygi WXYf`ghf]_h`VY[fYbnhž`i a ` , VYf`Ughi b[`ni `j Yfa Y]XYbž`i bX
FY]gYbXY`gc`h`Yb`X]YgY`J cf[UVYb`fYgdY`h]YfYbž`]bXYa `g]Y
ZfØ`nY]h][`Vi WXYb`i bX`g]W`Ub`X]Y`ZYgh[Y`Y[hYb`NY]hYb`U`hYb`"
Ni XYa `]gh`Yg`k]W`h][ž`_Y]bY`Gci j Yb]fg`Ui g`bUhØf`]WXYb
A UhYf]U`]Yb`k]Y`?cfU`Yb`cXYf`A i gWXYb`a]hni bY`a Ybž`XU`X]Yg
X]Y`Ya dZ]bX`]WXYb`²`_cgmghYa Y`gW`ÄX][hi bX`cZi[Y[Yb`c`_UY
; YgYhnY`j YfghØ»h"

⊖`⊖XcbYg]Yb`V]YhYh`XYf`?ca cXc!BUh]cbU`dUf_`b]W`h`bi f`X]Y
<Y]a Uh`XYf`VYfØ`a hYb`?ca cXc!K UfUbYž`gcbXYfb`Ui W
Y]bn][Ufh][Y`A YfYg`YVYbgfÄ`i a Y`6Y]a `GW`bcfWXYb`cXYf
HUi WXYb`]b`X]YgYa `; YV]Yh[]`h`Ygž`?cfU`Yb]ZY`b]W`h`ni `VYfØ`fYb
i bX`Ui Zi a k Y`h`ZfYi bX`]WXY`GcbbYbWfYa Yg`ni `UW`hYbž`X]Y`_Y]bY
gW`ÄX`]WXYb`7\Ya]_U`]Yb`Ybh`U`hYbž`X]Y`XUg`a Uf]bY`@YVYb
VYY]bhfÄW`h][Yb`_ÖbbhYb`"@c`_U`Y`5bV]YhYfž`X]Y`g]W`XYa `GW`i hn
XYf`i bhYfk UggYfk Y`hj YfgW`f]YVYb`U`UVYbž`_ÖbbYb`XUVY]`Y`ZYbž
j YfUbhk cfhi b[gVYk i gghY`Hci fYb`ni `cf[Ub]g]YfYbž`X]Y`gck c\
VYY]bXfi W_YbXY`9f`YVb]ggY`U`g`Ui W`XYb`9f`U`h`XYf`BUhi f
[Yk Ä`f`Y]ghYb"

9]b'6Ygi Wk]b'GWk i hm[YV]YhYb'YfZc fXYfh'Ui Wk'FØW_g]Wk hbU\ a Y
Ui ZX]Y'H]Yfk Y'hž'X]Y'cZh'Xi fWk'a YbgWk`]Wk Y'DfÀgYbn'[YghØfh'k]fX"
=a'6U_c!B Uh]cbU'dUf_]b'GUfUk U_ž'A U`Umg]Už`YVYb'B UgYbUZZYb
i bX'UbXYfY'gY'hYbY'5fhYbž'X]Y'Xi fWk': ØhYfb'cXYf'ni' bU\Yg
<YfUbhfYhYb'[YgWkÀX][h'k YfXYb'_ØbbYb" 'F Y]gYbXY'gc`hYb'ghYhg
Y]bYb'fYgdY_hj'c`Yb'5VghUbX'\U'hYb'i bX'XUfUi Zj Yfn]Wk hYbž
BU\fi b['Ubni V]YhYbž'XU'X]Yg'XUg'bUhØf`]Wk Y'J Yf\U'hYb'XYf'H]YfY
j YfÀbXYfhi bX'g]Y'UV\Àb[]['a UWkYb'_Ubb" 'Gc`WkY
J Yf\U'hYb'gk Y]gYb'hfU[Yb'XUni 'VY]ž'X]Y'6U'UbWk'XYf'^2 _cgmghYa Y
b]Wk h'ni '[YZÀ\ fXYb"

8]Y'5bfY]gY'ni 'X]YgYb'UV[Y'Y[YbYb'c fhYb'gc`hY'YVYbZU`g'a]h
6YXUWk h[Yd'Ubh'k YfXYbž'i a'XYb'7C &!5i ggk»'ni 'a]b]a]YfYb" 'b
J]YhbUa žk'c'XYf'D\cb['B\U!?'Y'6Ub['BUh]cbU'dUf_'a]higY]bYb
gdY_hU_i`ÀfYb'<Ø\`Yb`cW_hž'V]YhYb'g]Wk`ØZZYbh']WkY
J Yf_Y\fga]hY'c'XYf'GUa a Y'hfUbgdcfhY'Ubž'i a'X]Y
I a k Y'hVY`Ughi b['Xi fWk`]bX]j]Xi Y`Y'5i hcZU\fhYb'ni'fYXi n]YfYb"
J]Y'Y'DUf_g'UfVY]hYb'ni XYa 'a]h'c_U'Yb'; Ya Y]bgWkUZhYb
ni gUa a Ybž'X]Y'i a k Y'hžfYi bX`]WkY'HfUbgdcfhcdh]cbYb'k]Y
: U\ffÀXYf'cXYf'6cchY'c\ bY'A chcf'UbV]YhYbž'k Ug'b]Wk h'bi f
bUWk\U'h]['jghž'gcbXYfb'Ui Wk'X]Y'fY[]cbU'Y'K]fhgWkUZh'i bhYfghØhnh"

9]b'VYk i gghYf'I a [Ub['a]h'BUh]cbU'dUf_g'i bX'GWk i hm[YV]YhYb']b
GØXcghUg]Yb'ØZbYh'X]Y'5i [Yb'ZØf'X]Y'GWk Øb\Y]hi bX
NYfVfYWk`]Wk_Y]h'XYf'B Uhi f" '9g`ÀXh'XUni 'Y]bž'ØVYf'X]Y'Y][YbYb
<UbX'i b[Yb'bUWk ni XYb_Yb'i bX'nY][hž'k]Y'k]Wk h['Yg']ghž'X]YgY
FØW_ni [gcfhY'XYf'K]'Xb]g'a]h'Gcf[ZU'h'ni 'VY\UbXY'bž'k À\ fYbX
a Ub']\fY'K i bXYf'Yf'YVh"

J Yfa Y]Xi b['j cb'D`Ugh]_a Ø`

Ub[YVchYb`k YfXYb"

6Y]a`9]b_Ui ZYb`Ui Z`c_U`Yb`A Af_hYbž`gY]`Yg`]b`<Ubc]`cXYf`Ui Z
6U]ž`c`b`h`Yg`g]Wž`Y][YbY`GhcZZVi hY`cXYf`A Y`fk Y[bYhnY
a]hni Vf]b[Ybž`i a`C Vghž; Ya ØgY`cXYf`Gci j Yb]fg`ni`j YfghUi Yb"
D`Ugh]_hØhYb`k YfXYb`cZhiUi hca Uh]gW`[YfY]Wž`XcW`Y]b
ZfYi bX`]WYg` BY]bž`XUb`_Y` `]XYU`Yfk Y]gY`]b`XYf`@UbXYggdfUWY
`g][bU`]g]Yfh`b]W`h`bi`f`5V`Y`bi`b[ž`gcbXYfb`Ui W`F`YgdY`h`Gc`WY
_`Y]bYb`; YghYb`_ØbbYb`ni XYa`9]b`Y]a]gWY`XUni`UbFY[Ybž`ØVYf
5`hYfbUh]j Yb`bUW`ni XYb`_Yb`"9]bY`_]ZfY]WY`E`i`Y`Y`ni`X]YgYa
H`Ya`U`nY][hž`k`jY`YZY`_h]j`A`Y`fk`Y[VYi`hY`]a`5`hU[`gY]b`_ØbbYbž
i`a`i`bbØh][Yb`A`Ø`ni`j`Yfa`Y]XYb`fK`K`:`Ł"

9ggYb`i`bhYfk`Y[g`ghY`h`Y]bY`k`Y]hYfY`<YfUi`gZc`fXYfi`b[`XUfž`XU
GhfU» Yb`_ØWY`]b`@AbXYfb`k`jY`A`U`Umg]U`cXYf`bXcbYg]Yb`_`Ai`Z][`]b
D`Ugh]_VY`_`hYfb`cXYf`!hØhYb`gYfj`jYfh`k`]fX`"9]bY`Y][YbY`@`bWVcl
cXYf`Y]b`k`jYXYfj`Yfk`YbXVUfYf`6Y`_`hYf`_Ubb`_]Yf`5V`_]ZY
gW`UZZYb` `j`jY`Y`j`Yf`_Ai`ZYf`g]bX`VYfY]hž`GdY]gYb`X]fY`_h
]bY]bni`Ø`Ybž`k`Ybb`a`Ub``ØZ]W`XUfi`a`V]hhYh`Ni`XYa`gc`hY
a`Ub`XUfUi`ZUW`hYbž`GbUW`g`cXYf`j`YfdUW`hY`@YVYbga`]hY`ni
a`Y]XYbž`X]Y`]b`a`Y`fYfYb`GW`]W`hYb`D`Ugh]_`Y]b[Y`Ø`h`g]bX"
GhUhhXYggYb`V]YhYb`c_U`Y`A`Af`_hY`i`bj`YfdUW`hY`5`hYfbUh]j`Yb`k`jY
Zf]gWYg`c`Vgh`cXYf`]b`6UbUbYbV`_`hYf`[Yk`]W`Y`hY`GdYn]U`]h`hYbž
X]Y`b]W`h`bi`f`bUW`_`U`h][Yfž`gcbXYfb`cZhiUi`W`Ui`h`Yb]gWYf`g]bX"

DYfgØb`]WY`<m[]YbYdfcXi`_hY`g]bX`Y]b`k`Y]hYfYf`6YfY]Wž`]b`XYa
D`Ugh]_`Ui`Yfhž`XcW`Ui`W`_]Yf`[]Vh`Yg`@Øgi`b[Yb`": YghY`G`Ua`dccc
i`bX`GY]ZYbghØW`Yž`j`YfdUW`h]b`DUd]Yf`cXYf`[Uf`b]Wž`g]bX`Y]W`h
Yf`_`h`]W`i`bX`YfgYhnYb`X]Y`ØV`]WYb`D`Ugh]_ZUgWYbž`X]Y`]b`j`jY`Yb
l`bhYf`_ØbZ`hYb`VYfY]h[YghY`h`k`YfXYb`"6Ua`Vi`gnU`bVØfghYb`i`bX
NU`bdUghU`]b`HUV`YhYbZcfa`g]bX`YVYbZU`g`dfU`_h]gWY
5`hYfbUh]j`Ybž`X]Y`k`Yb][`D`Uhm`]a` `; Yd`_VYUbgdfi`WYb`"Gc`WY
DfcXi`_hY`j`cf`XYf`F`Y]gY`ni`VYgcf[Ybž`ghY`h`g]WYfž`XUgg`a`Ub`b]W`h
j`cf`C`fh`Ui`Zi`a`k`Y`hgW`_`X`]WY`C`dh]cbYb`ni`fØW`[fY]ZYb`a`i`gg"

⊕`F`YghUi`fUbhg`cXYf`7UZ`gž`VYgcbXYfg]b`hci`f]gh]gWYb`; YV]YhYb
k`jY`D`i`_Yh`cXYf`i`Vi`Xž`gc`hY`a`Ub`_`U`h]j`bUW`; Yhf`_Yb`c`b`Y
D`Ugh]_ghfc`_`U`a`Y`ZFU[Yb`cXYf`XUfUi`Z`]bk`Y]gYbž`XUgg`a`Ub

_Y]bYb`VYbØh][h" J]Y`Y`@c_U`Y`fYU[]YfYb`d cg]h]j`Ui Z`gc`WXY
K ØbgWXYž`i bX`Y]b][Y` \ UVYb`VYfY]hg`Ui Z`bUW\`U`h][Y`A UHYf]U`Y]b
k]Y`6Ua Vi`g`cXYf`DUd]Yf`i a [YghY`h"9VYbgc`c` \ bh`Yg`g]WXYž`VY]
HU_YUk Umł6YghY`i b[Yb`Ui Z`D`Ugh]_VYghYW`ni` j Yfn]WXYhYb`i bX
ghUhhXYggYb`Y][YbYgž`k]YXYfj Yfk YbXVUfYg`6YghYW`a]hni ZØ`fYbž
XUg`Y]WXYh`ni`fY]b][Yb`]gh"

9]b`d`Ugh]_ZfY]Yf`5i ZYb\`U`h`YfZcfXYfh`Ui WXYž`g]WXY`a]h`XYb`c`_U`Yb
; Y[YVYb`Y]hYb`Ui gY]bUbXYfni`gYhYb`i bX`_fYU]j`ni`k YfXYb`"≠b
`ÀbX`]WXYb`; Y[YbXYb`j cb`@Ucg`cXYf`?Ua VcXgWXYUž`k c
FYWmW]b[a Ø[`]WXY`Y]hYb`cZiZY`Ybž`]gh`Yg`i a gc`k]WXYh][Yfž`XYb
Y][YbYb`A Ø`ni`a]b]a]YfYb`i bX`U`Ygž`k Ug`a Ub`a]hVf]b[hž
k]YXYf`a]hni bY`a Yb`HY]`bU`a Y`Ub`c`_U`Yb`5i ZfAi`a U`h]cbYbž
k]Y`g]Y`Ub`GhfÀbXYb`cXYf`]b`BUh]cbU`dUf`g`cf[Ub]g]Yfh`k YfXYbž
_Ubb`ni`XYa` \Y`ZYbž`VYghY`YbXYb`D`Ugh]_a Ø`ni`VYgY]h][Yb`i bX
Y]b`6Yk`i gghgY]b`ZØf`XUg`DfcV`Ya`ni`gWXYUZYb"

8]YgY`GhfUH] []Yb`g]bX`Y]bZUWXYž`UVYf`k]f`_i b[gj`c`Y`K`Y[Yž`i`a`X]Y
D`Ugh]_VY`Ughi`b[`]b`GØXcghUg]Yb`ni`j Yff]b[Yfbž`k`À`fYbX`a`Ub`X]Y
GWXYØb`Y]h`XYf`FY []cb`[Yb]Y» h`G]Y`nY][Ybž`k]Y`_Y]bY
J YfÀbXYfi`b[Yb`]a`fY]gYj Yf`U`hYb`[fc»Y`5i`gk]f`_i b[Yb` \ UVYb
_ØbbYb`i bX`UXYb`XUni`Y]bž`bcWXY`k`Y]hYfY`5gdY`hY`bUW\`U`h][Yb
FY]gYbg`ni`Yf`_i`bXYb"

B UW\`U`h][Y`Gci`j`Yb]fg



K Ä\fybX'a Ub'ØVYf'Y]bYb'VY'YVhYb'A Uf_h']b'7\]Ub['A U]
 gW\YbXYfhž'ZÄ`h'XYf'6`jW_Ui ZY]bYb'GhUbXž'Ub'XYa`_i bghj c`
 [YZcW\hYbY'ØfVY'Ui g'6Ua Vi g['ÄbnYbž'YXYg'GhØW_Y]b'NYi [b]g
 'U\ f\i bXYfhYU'hYf'<UbXk Yf_g_i bgh"Gc`W\Y'6Y[Y[bi b[Yb'a]h
 `c_U'Yb'9fnYi [b]ggYb']b'GØXcghUg]Yb'V]YhYb'b]W\h'bi f'X]Y
 A Ö[`jW_Y]hž'Y]bn][Ufh][Y'9f]bbYfi b[Yb'a]h'bUW\<Ui gY'ni
 bY\ a Ybž'gcbXYfb'Ui W\Y]bYb'X]fY_hYb'K Y[ž'XYb'bUW\U'h][Yb
 Hci f]ga i g'ni 'ZØfXYfb"'8i fW\XYb'?Ui Zi a k Y'hžfYi bX`jW\Yf
 DfcXi _hY'i bX'hfUX]h]cbY`Yf'<UbXk Yf_gUfVY]hYb'_ÖbbYb'F Y]gYbXY
 X]Y'fY[]cbU'Y'K]fhgW\UZh'ghÄf_Yb'i bX['`Y]W\ nY]h][`Y]bYb'6Y]hfU[
 ni a `GW\i hn'XYf'l a k Y'h`Y]ghYb"

9]b'6`jW_Ui ZX]Y'J]Y`ZU'h'XYf'`c_U'Yb'<UbXk Yf_g_i bgh'nY][hž'k]Y
 Yb['?i`hi f'i bX'BUW\U'h][_Y]h'a]hY]bUbXYf'j Yfk cVYb'g]bX" ð
 H\U]UbX`Z]bXYb'g]W\Ui Z'A Äf_hYb'k]Y'XYa`B][`h'6UnUUF`j b
 7\]Ub['A U]k i bXYfgW`ÖbY'HYI h]Y]b'Ui g'B Uhi fZUgYfb'k]Y
 6Ui a k c`Y'cXYf'GY]XYž'cZhj cb'<UbX'[Yk YVhi bX'a]h'bUhØf`jW\Yb
 : UfVghc ZYb'VY\UbXY'h"'8]YgY'Ghc ZYž'gY]'Yg']b': cfa`j cb'GW\U'g
 cXYf'HUgW\Ybž'g]bX'b]W\h'bi f'V]c`c[]gW\UVVUi VUfž'gcbXYfb
 i bhYfghØhnYb'Ui W\X]Y'K YVYfZUa]]Ybž'X]Y'cZh]b`ÄbX`jW\Yb
 ; Ya Y]bgW\UZhYb`YVYb"Gc`W\Y'?Äi ZY'hfU[Yb'XUni`VY]ž

hfUX]h]cbY`Y : Yfh][_Y]hYb`ni `VYk U\fyb`i bX`XYb`@VYbgi bhYf\U`h
XYf`<UbXk Yf_Yf`ni `g]WXYfb"

ϕ`J]YhbUa žVYgcbXYfg`j]b`GhAXhYb`k]Y`<c]`5bž`cW_Yb
\UbX[YZYfh][hY`@UhYfbYb`Ui g`6Ua Vi g`i bX`DUd]Yfž`X]Y`b]W`h`bi f
U`g`XY_cfUhj] Y`Gci j Yb]fg`X]YbYbž`gcbXYfb`Ui W`i a k Y`hZFYi bX`]W`
g]bX"6Ua Vi gž`Y]b`gW`bY`bUW`k UW`gYbXYf`F c\ghcZZ`XYf`c`bY
DYgh]n]XY`Ui g_ca a hž`]gh`Y]b`]XYU`Yg`A UhYf]U`ZØf`bUW`\U`h][Y
DfcXi _hY"Ÿ`b`]W`j Yf`Ā`h`Yg`g]W`a]h: `YW`hUfVY]hYb`Ui g`F UhhUb
]b`ϕ`XcbYg]Ybž`k c`Ui Z`6U`]?ØfVY`i bX`A ØVY`ghØW_Y`Ub[YVchYb
k YfXYbž`X]Y`Ub[`YV][`i bX`V]c`c[]gW`UVVUi VUf`g]bX"8]YgY
; Y[YbghĀbXY`YfnĀ`Yb`; YgW`]W`hYb`XYf`c`_U`Yb`?i`hi`f`i bX`g]bX
Y]bY`i a k Y`hVYk i gghY`5`hYfbUhj] Y`ni`a UggYbdfcXi n]YfhYb
D`Ugh]_UbXYb_Yb"

BVYb`<UbXk Yf_g_i bgh`c`b`h`Yg`g]W`ž`bUW`i a k Y`hZFYi bX`]W`Yb
5`hU[gdfcXi _hYb`5i ggW`Ui `ni `U`hYbž`X]Y`XYb`F Y]gY_ca Zcfh
Yf\Ø`Yb`i bX`[`Y]W`nY]h][`bUW`\U`h][`g]bX"ϕ`j]Y`Yb
gØXcghUg]Uh]gW`Yb`@ĀbXYfb`k YfXYb`k]YXYfj Yfk YbXVUFY
5W`ggc]fYg`k]Y`6Ua Vi gVYghYW`c`XYf`Hf]b_ZUgW`Yb`Ui g`c`_U`Ya
<c`n`Ub[YVchYbž`X]Y`dYfZY`_h`ZØf`i bhYfk Y[g`[YY][bYh]g]bX"Gc`W`Y
5fh]_Y`fYXi n]YfYb`XYb`6YXUfZ`Ub`9]bk Y[d`Ugh]_`i bX`i bhYfghØhnYb
_`Y]bY`i bhYfbY`a Ybž`X]Y`cZ`h`a]h`i a k Y`hZFYi bX`]W`Yb`A UhYf]U`]Yb
UfVY]hYb"9]bY`k Yfhj`c`Y`F Yggci fW`ni `X]YgYa `H`Y`a U`Y`Vh
\Yfj`cfž`k]Y`k]W`h][`XYf`?Ui Z`gc`W`Yf`bUW`\U`h][Yf`Gci j Yb]fg`ZØf
X]Y`c`_U`Y`K]fhgW`UZ`h`i bX`XYb`i a k Y`hgW`i hn`]gh`f`**BYi Y`Hci f]gh]_**
t"

@VYbga]hY`i bX`; Yk ØfnY`Ui g`XYf`F Y[]cb`V]YhYb`Y]bY`k Y]hYfY
A Ø[`]W`_Y]hž`bUW`\U`h][`Y]bni _Ui ZYb`i bX`[`Y]W`nY]h][`i`]bUf]gW`Y
9f]bbYfi b[Yb`a]hni Vf]b[Yb"ϕ`A U`Umg]Už`Ui Z`A Āf`hYb`]b`DYbUb[ž
Z]bXYh`a Ub`c`_U`d`fcXi n]YfhYb`HY`c`XYf`; Yk Øfna]gW`i b[Ybž`X]Y
]b`DUd]Yf`c`XYf`k]YXYfj Yfk YbXVUFYb`6Y`Ā`h`Yfb`j YfdUW`h`g]bX"
Gc`W`Y`DfcXi _hYž`cZ`h`Ui g`V]c`c[]gW`Ya `5bVUi `c`XYf`ZU]f
[Y\UbXY`hž`i bhYfghØhnYb`_`Y]bVĀi Yf`]W`Y`6Yhf]YVY`i bX`fYXi n]YfYb
X]Y`i a k Y`hVY`Ughi b[`Xi fW``Ub[Y`HfUbgdcfhk Y[Y"Ÿ`b`]W`Yg`[]`h
ZØf`\UbX[Ya UW`hYb`?UZZY`Ui g`J]YhbUa `c`XYf`[YhfcW`bYhY
: fØW`hY`Ui g`H`U]UbXž`X]Y`b]W`h`bi f`Ui h`Yb]gW`gW`a YW_Ybž

gcbXYfb`Ui W`X]Y`fY[]cbU`Y`@UbXk]fhgW\UZhZOfXYfb"

6Y]a`?Ui Z`gc`W`Yf`9fnYi [b]ggY`gc``hY`a Ub`XUfUi Z`UW`hYbž
DfcXi`_hY`ni`a Y]XYbž`X]Y`Ui g[YZÀ`fXYhYb`A UhYf]U`]Yb`k]Y
9`ZYbVY]b`cXYf`?cfU``Yb`VYghY`Ybž`XU`X]YgY`XYb`BUhi fgW\i hn
i bhYf[fUVYb`i bX`cZi`]Y[U`g]bX" GhUhhXYggYb`c`b`h`Yg`g]W\ž`bUW\
: U]f!HfUXY!NYfh]Z]n]Yfi b[Yb`cXYf`<]bk Y]gYb`Ui Z`fYW`hY
A UhYf]U`]Yb`ni`gi W`Ybž`X]Y`g]W`YfghY``Ybž`XUgg`X]Y`< YfghY``i b[
Yh\]gW`i bX`i a k Y`hZfYi bX`]W`YfZc`[h" ð`?Ua VcXgW\U
VY]gd]Y`gk Y]gY`V]YhYb`Y]b][Y`?ccdYfUhj] Yb`GW`a i W`Ui g
fYW`hYa`A YhU``cXYf`; `Ug`Ubž`XYf`b]W`h`bi f`gW`Obž`gcbXYfb
Ui W`Y]b`NY]W`Yb`ZOf`]bbcj Uhj] Y`A`Ø`j Yfk Yfhi b[`]gh"

9]bY`VYgcbXYfY`9fZU`fi b[`V]YhYb`K cf_g`cdgž`VY]`XYbYb`a Ub
gY`Vgh`< UbXk Yf_g`ØbghY`Yf`YfbYb`_Ubbž`Yhk U`XUg`K YVYb`j cb
A UhYb`]b`@Ucg`cXYf`XUg`6Ya U`Yb`j cb`?YfUa]_`]b`J]YhbUa "
Gc`W`Y`5_hj]]h`hYb`Yfa`Ò[`]W`Yb`Ygž`Y]b`dYfg`Ob`]W`Yg`Gci j Yb]f`ni
gW`UZZYbž`k`À`fYbX`a Ub`X]fY`_h`a]h`XYb`< UbXk Yf`_Yfb`]b`?cbhU`h
hf]h`i bX`]`fY`5fVY]h`i bhYfgh`Øhnh"8]Y`; YVØ`fYb`ZOf`X]YgY`?i fgY
Z]Y» Yb`cZi`]b`; Ya Y]bgW`UZhgd`fc`Y`_hYž`X]Y`6]`Xi b[`cXYf
ðZfUghfi`_hi f`ZOfXYfbž`i bX`V]YhYb`Y]bY`]a a UhYf]Y``Y`9f]bbYfi b[ž
X]Y`k Y]h`ØVYf`a UhYf]Y``Y`; Y[Ybgh`AbXY`\]bUi g[Y`h"

8Yf`VYk i gghY`?Ui Zj cb`i a k Y`hZfYi bX`]W`Yb`DfcXi`_hYb`i bX
`c`_U`Yf`< UbXk Yf_g`i bgh`]b`GØXcghUg]Yb`]gh`Y]b`_fUZhj c``Yf`K Y[ž
XYb`Hci f]ga i g`bUW`\U`h][`ni`[YghU`hYb"9g`ÒZbYh`HØfYb`ni
h]YZfYb`J Yfv]bXi b[Yb`a]h`XYb`A YbgW`Yb`i bX`]`fYf`?i`hi f`i bX
nY][hž`k]Y`_Y]bY`9bhgW`Y]Xi b[Yb`Y]bYb`[fc» Yb`9]bZi gg`Ui ZX]Y
l a k Y`hi bX`X]Y`; Ya Y]bgW`UZhYb`\UVYb`_ØbbYb"

F Y]gYd`Ubi b[`i bX`j cfVYfY]hi b[



6Yj cf'X]Y ?cZZYf' [YdUW_h'i bX'XYf'F Y]gYdUgg' [f]ZZYfY]h''Y [hž
ÒZbYh'g]W'Y]b': YbghYf'XYf'A Ò['W'_Y]hYbž'i a 'Y]bY'F Y]gY'bUW
GØXcghUg]Yb'b]W'h'bi f'i bj Yf[Ygg]W'ž'gcbXYfb'Ui W
j YfUbhk cfhi b[gj c''ni '[YghU'hYb''8]Y'J cfVYfY]hi b['Ui ZY]bY
bUW\U'h][Y'F Y]gY'VY[]bbh'Ub[Y'j cf'XYa '5VZi [ž'a]h
9bhgW'Y]Xi b[Ybž'X]Y'gck c\''X]Y'I a k Y'h'U'g'Ui W'X]Y''c_U'Yb
' Ya Y]bgW'UZhYb'VYfØW_g]W'h][Yb''J cb'XYf'K U\''XYf'dUggYbXYb
F Y]gYnY]h'V]g'ni f'D'Ubi b['Y]bYf'Xi fW'XUW'hYb'F ci hY' _ÒbbYb
_Y]bYž'VYk i gghY'GW'f]hY'Y]bYb' [fc» Yb'I bhYfgW]YX'a UW'Ybž'i a
XYb'Ò_c'c []gW'Yb': i »UVXfi W'_ni 'a]b]a]YfYb'i bX'X]Y'GW'Òb\Y]h
XYf'F Y []cb'ni 'gW'ØhYb"

9]b'nYbhfU'Yf'5gdY_h'XYf'J cfVYfY]hi b[''Y [h']b'XYf'5i gk U\''XYf
cdh]a U'Yb'F Y]gYnY]hž'X]Y'b]W'h'bi f'XUg'K YhhYfž'gcbXYfb'Ui W'X]Y
5i gk]f_i b [Yb'Ui Z'ØVYf'Ui ZYbY'8Ygh]bUh]cbYb'VYfØW_g]W'h][h'
GØXcghUg]Yb'_Ybbh'_Y]bY'_Ugg]gW'Yb'ž\ fYgnY]hYbž'gcbXYfb'hY]'h
g]W']b'HfcW_Yb!'i bX'F Y [YbnY]hž'X]Y'Y'bUW '@UbX'j Uf]]YfYb'": Øf
H\U]UbX'cXYf'?Ua VcXgW'U'V]YhYb'g]W'X]Y'A cbUhY' Bcj Ya VYf'V]g
A Āfn'Ubž'k Ybb'hfcW_YbYgž'Ub [YbY\ a Yg'K YhhYf'j cf\YffgW'hi bX
C i hXccf!5_h]j]h'ÅhYb'k]Y'K UbXYfb'cXYf'HYa dY'VYgi W'Y]XYU'
g]bX'' ð'XYf'F Y [YbnY]hž'Yhk U'j cb'A U]V]g'C _hcVYf''b'j]Y'Yb
@ÅbXYfbž'g]bX'k Yb][Yf'Hci f]ghYb'i bhYfk Y [gž'k Ug', VYf'Ughi b [
j Yfa Y]XYhi bX' [Øbgh][YfY'DfY]gY'gck]Y'Ui h\Yb]gW'YfY
9f'YVb]ggY'Yfa Ò['W'h''9]bY'XYhU]''jYfhY', VYfg]W'h'ØVYf'X]Y'VYghYb
F Y]gYnY]hYb'ZØf'j YfgW]YXYbY '@ÅbXYf'\]Zhž'X]YgY'9bhgW'Y]Xi b['ni

hfYZZYb'fbUW_dUW_]b['< UW_gł"

8]Y'K U\`XYf'F Y]gYnY]h'gc`hY'Ui W\`_i`hi fY`Y`9fY][b]ggY`i bX
`c_U`Y'; Y[YVYb\Y]hYb`Y]bVYn]Y\Yb"K A\fybX`XYg`F Ua UXUb`]b
A U`Umg]U`cXYf`ϕXcbYg]Yb`_ÖbbYb`hU[gØVYf`[YgW\`cggYbY
F YghUi fUbhg`cXYf`Y]b[YgW\`fÄb`hY`8]Ybgh`Y]ghi b[Yb`Y]bY
<YfUi gZcfXYfi b[`XUfghY`Ybž`k Ug`F ØW_g]W\`hbU\`a Y`i bX
: `YI]V`]hÄh`YfZcfXYfh"9VYbgc`c\`bhYg`g]W\`ž[fc»Y': Ygh]j U`g`k]Y
Gcb[_fUb`]b`H\U]`UbX`cXYf`XUg`HYh!: Ygh]b`J]YhbUa`ni`a Y]XYbž
k Ybb`a Ub`ØVYfZØ`hY`CfhY`i bX`\Ø\YfY`DfY]gY`j Yfa Y]XYb`a ÖW\`hY"
GhUhhXYggYb`V]YhYb`BYVYbgU]gcbnY]hYbž`k]Y`X]Y
, VYf[Ub[ga`cbUhY`nk]gW\`Yb`HfcW_Yb!`i bX`F Y[YbnY]hž`cZh`a]`XYg
K YhhYf`i bX`fi` \][YfY`9f`YVb]ggYž`X]Y`XYb`8fi W`_Ui Z`VY`]YVhY
8Ygh]bUh]cbYb`fYXi`n]YfYb"

BYVYb`XYf`nY]h]W\`Yb`D`Ubi b[`gd]Y`h`X]Y'; YghU`hi b[`XYf
F Y]gYfci hY`Y]bY`YbHgW\`Y]XYbXY`F c`Yž`i a`bUW\`U`h][`ni`fY]gYb"
GhUhh`_i`fnYfž`\Äi Z][Yf`ϕ`UbXgZØ[Y`nk]gW\`Yb`@ÄbXYfb`cXYf
GhÄXhYb`ni`Vi W\`Ybž`gc`hY`a Ub`Äb[YfY`GhfYW_Yb`a]h
, VYf`UbXfY]gYb`j Yfv]bXYb"ϕ`J]YhbUa`VY]gd]Y`gk Y]gY`V]YhYh`X]Y
6U\`bj Yfv]bXi b[`j`cb`<Ubc]`bUW`<c!7\]!A]b\!GhUXh`b]W\`h`bi`f
a U`Yf]gW\`Y`5i gv`]W_Y`Ui Z`F Y]gZ`XYf`i bX`6Yf[Yž`gcbXYfb
fYXi`n]Yfh`Ui W\`XYb`7C`&!5i gghc»`ja`J Yf[`Y]W\`ni`:`i [fY]gYb"
Y\`b`]W\`]b`H\U]`UbXž`k`c`6i ggY`cXYf`NØ[Y`j`cb`6Ub[_c`_`bUW
7\]Ub[`A U]`Y]bY`i a`k`Y`hž`fY`i bX`]W\`Y`5`hYfbUh]j Y`XUfghY`Yb`i bX
[`Y]W\`nY]h][`Ui`h\Yb]h]gW\`Y`9]bV`]W_Y`]b`XUg`ÄbX`]W\`Y`@YVYb
Yfa Ö[`]W\`Yb"

8]Y`F Y]gYfci hY`gc`hY`ni XYa`XUfUi Z`UVn]Y`Ybž`k Yb][Yf`VY`_UbbhY
CfhY`Y]bni VYn]Y\Ybž`i a`XYb`Hci f]ga`i gXfi W`_Ui Z`<chgd`chg`k]Y
6U`]cXYf`D\i`_Yh`ni`j`Yff]b[Yfb"5VgY]hg`XYf`Ui g[YhfYhYbYb`DZUXY
`]Y[Yb`j`Yfv`cf[YbY`GW\`ÄhnY`k]Y`X]Y`fi`\][Yb`8ÖfZYf]a`BcfXYb
@Jcg`cXYf`X]Y`i bVYfØ`fhYb`ϕ`gY`b`XYf`D\`]dd]bYbž`X]Y`b]W\`h`bi`f
Y]bn][Ufh][Y`9f`YVb]ggY`V]YhYbž`gcbXYfb`Ui W\`_Y]bYfY
; Ya Y]bgW\`UZhYb`i bhYfghØhnYb"9]bY`ZYI]V`Y`D`Ubi b[ž`X]Y
gdcbhUbY`Y`bXYfi b[Yb`Yf`Ui Vhž`\`Zž`ØVYf`Ui ZYbY`5hhfU`_h]cbYb`ni
a Y]XYb`i bX`ghUhhXYggYb`Ui`h\Yb]h]gW\`Y`6Y[Y[bi b[Yb`a]h`XYf
?i`hi`fi bX`BUhi`f`ni`gi`W\`Yb"

9]b`k Y]hYfYf`k]W`h][Yf`Di b`_h]b`XYf`J cfVYfY]hi b[`VYhf]Zh`X]Y`K U\`
XYf`HfUbgdcfha]hhY``Z0f`X]Y`5bfY]gY`i bX`j cf`C fh" `bYfbUh]cbU`Y
: `0[Y`g]bX`cZhi bj Yfa Y]X`]W`ž`XcW`Xi fW`X]Y`5i gk U\`j cb
: `i [[YgY``gW`UZhYb`a]h`7C &!`?ca dYbgUh]cbgdfc[fUa a Yb`cXYf
X]fY`_hYb`J YfV]bXi b[Yb`^Aggh`g]W`X`Yf`0_c`c[]gW`Y`: i »UVXfi W_
j Yff]b[Yfb" `bYf\U`V`G0XcghUg]Ybg`gc``hYb`0ZZYbh]W`Y
J Yf`_Y`fga]hhY`k]Y`6i ggYž`N0[Y`cXYf`: A`fYb`VYj cfni [h`k YfXYbž
XU`g]Y`k Yb][Yf`9a]gg]cbYb`j Yfi fgUW`Yb`U`g`A]Yhk U[Yb`cXYf
HUI]g" `b`Gh`X`hYb`k]Y`<Ubc]`cXYf`6Ub[`_c`_V]YhYb`: U`ff`X`Yf`cXYf
Hi _!Hi _g`a]h`i a k Y`h`ZfYi bX`]W`Yb`5bhf]YVYb`Y]bY`bUW`\U`h][Y
A 0[`]W`_Y]hž`g]W`Zcfhni VYk Y[Yb"

8]Y`J cfVYfY]hi b[`i a ZUggh`Ui W`X`Ug`VYk i gghY`DUW`Ybž`i a
F Yggci fW`b`ni `gdUfYb`i bX`A 0``ni `j Yfa Y]XYb" `A]b]a U]gh]gW`Yg
; Yd`A`W`_fYXi n]Yfh`XYb`HfY]Vghc`Zj YfVfUi W`VY]: `i [fY]gYbž
k A`fYbX`k]YXYfj Yfk YbXVUfY; Y[Ybgh`AbXY`k]Y`Hf]b`ZUgW`Ybž
Ghc`ZVYi hY`i bX`6Ua Vi gVYghYW`_`Y`ZYbž`9]bk Y[d`Ugh]_`ni
j Yfa Y]XYb" `Ni XYa `gc``hY`a Ub`g]W`j cfUV`0VYf`bUW`\U`h][Y
l bhYf`0bZhY`]bZcfa]YfYbž`X]Y`l a k Y`hg]Y[Y`hfU[Yb`cXYf`a]h
`c`_U`Yb`; Ya Y]bgW`UZhYb`ni gUa a YbUfVY]hYbž`i a `g]W`Yfni ghY``Ybž
XUgg`XYf`5i ZYbh`U`h`Y]bYb`dcg]h]j Yb`9]bZi gg`\Uh"

8]YgY` , VYf`Y[i b[Yb`ni f`F`Y]gYnY]h`i bX`F`Y]gYfci hY``Y[Yb`XYb
; fi bXghY]b`Z0f`Y]bY`j YfUbhk cfhi b[gVYk i gghY`9f`_i bXi b[
G0XcghUg]Ybg" `G]Y`nY][Ybž`k]Y`k]W`h][`Yg]ghž`VYfY]hg`j cf`XYf
5VfY]gY`9bhgW`Y]Xi b[Yb`ni `hfY`ZYbž`X]Y`gck c`\`X]Y`l a k Y`h`U`g
Ui W`X]Y`A YbgW`Yb`j cf`C fh`VYf0W`_g]W`h][Ybž`i bX`0ZbYb`XYb
6`]W`_Z0f`k Y]hYfY`: UW`hhYb`bUW`\U`h][Yb`F`Y]gYbg"

9fZU`fi b[gVYf]W`hY`j cb`F`Y]gYbXYb



GhY`Yb`G]Y`g]W`Y]bY`f b[Y`6UW_dUW_Yf]b`j cfz`X]Y`a]h`Y]bYa
VfY]hYb`@AW`Y`b`Xi fW`X]Y`FY]gZY`XYf`j cb`6U`]fUXY`hZ`]fY
k]YXYfj Yfk YbXVUFY`Hf]b_ZUgW`Y`Ua`@Yb`Yf`VYZgh][hz`k`A`fYbX
g]Y`X]Y`k Ufa`Y`GcbbY`Ui`Z`XYf`<Ui`h`gdØfh`Gc`W`Y`6`]XYf`j cb
F`Y]gYbXYbž`X]Y`GØXcghUg]Yb`a]h`6YXUW`h`Yf`_i`bXYbž`Yfn`A`Yb
; YgW`]W`hYb`j cb`5W`hgUa`_Y]hi`bX`f`gd]fUh]cb`"`A`fY`9f`YVb]ggY
nY][Ybž`k]Y`bUW`U`h][Yg`FY]gYb`b]W`h`bi`f`a`Ø[`]W`ž`gcbXYfb`Ui`W
VYfY]W`YfbX`]gh`ZØf`X]Y`i`a`k`Y`hž`X]Y`c`_U`Yb`; Ya`Y]bgW`UZhYb
i`b`X]Y`FY]gYbXYb`gY`Vgh`8]YgY`dYfgØb`]W`Yb`6Yf]W`hY`i`bX
dfU`_h]gW`Yb`F`UhgW`A`[Y`V]YhYb`k`Yfhj`c`Y`5bfY[i`b[Ybž`i`a`X]Y
FY[]cb`j`YfUbhk`cfhi`b[gj`c`ni`YbX`Y`W`_Yb"

9]bY`X]YgYf`; YgW`]W`hYb`ghUa`a`hj`cb`5bbUž`Y]bYf`XYi`hgW`Yb
F`Y]gYbXYbž`X]Y`a`Y`fYfY`A`cbUhY`Xi`fW`H`U`]UbX`i`bX
?Ua`VcXgW`U`nc["G]Y`YbhgW`]YX`g]W`VYk`i`ggh[Y[Yb`f`UbXgZØ[Y
i`bX`bi`hnhY`ghUhhXYggYb`NØ[Y`i`bX`6i`ggYž`i`a`]`fYb
7C`&!`i`»`UVXfi`W`_ni`a`]b]a`]YfYb`"f`?Ua`VcXgW`U`ØVYfbUW`hYhY
g]Y`VY]`XYf`; Ufa`_ci`gY`Ga`_]b[; YW`_cž`Y]bYf`f`h]Uh]j`Yž`X]Y
bUW`U`h][Y`i`bhYf`_ØbZhY`V]YhYhi`bX`c`_U`Y`6`]Xi`b[`gck`]Y
5fVY]hgd`A`hny`ZØf`XYfh`5bbU`U`Z`VY]`XYf`9fbhY`i`bX`YfbhYž`k`]Y
k`]W`h][`Yg`]ghž`X]fY`_h`a`]h`XYb`; Ya`Y]bgW`UZhYb`ni`]bhYfU[]YfYb`"A`f
H]dd.`Gi`W`Yb`G]Y`bUW`i`bhYf`_ØbZhYbž`X]Y`a`]h`gcn]U`Yb`Dfc`Y`_hYb
j`YfVi`bXYb`g]bX`Yg`]ghY]bY`K`]b!K`]b!G]hi`Uh]cbž`VY]`XYf`G]Y
Ui`h`Ybh]gW`Y`9]bV`]W`_Y`[Yk`]bbYb`i`bX`[`Y]W`nY]h][`Yhk`Ug`; i`hYg
hi`b"

9]bY`k Y]hYfY`j]b]gd]f]YfYbXY`9fZU\fi b[`hY]`h`@ _Ugž`XYf`Ui Z`XYb
D\`])dd]bYb`Ub`GhfUbXfY]b][i b[Yb`]b`DU`Uk Ub`hY]`bU\ a ``9f`k Uf
gW`cW_]Yfh`ØVYf`X]Y`A Yb[Y`Ub`D`Ugh]_a Ø`ž`X]Y`XUg`A YfY`Ub]gdØ`hYž
i bX`gW`cgg`g]W`c`_U`Yb`; fi ddYb`Ubž`i a `X]Y`?ØghYb`ni`g`Äi VYfb`
`9g`k Uf`\UfhY`5fVY]hž`UVYf`i b[`Ui V`]W`YfZØ`YbXž`X]Y`Ghf`ÄbXY
k]YXYf`gUi VYf`ni`gY`Yb žYfn`Ä`h`Yf`"GY]b`F Uh`ZØf`UbXYfY
FY]gYbXY`Ui hYhž`]a a Yf`Y]bY`k]YXYfj Yfk YbXVUfY`HUgW`Y`i bX
6Y`Ä`hYf`XUVY]`ni`UVYbž`i a `9]bk Y[d`Ugh]_`ni`j Yfa Y]XYbž`i bX
g]W`j`c`f`C`fh`b`UW`5i Zf`Äi a U_h]cbYb`ni`Yf`_i bX][Yb`"Gc`W`Y
`b]h]Uh]j Yb`nY][Ybž`k]Y`_`Y]bY`HUhYb`Y]bYb`[fc»Yb`9]bZi gg`Ui Z
Ya dZ]bX`]W`Y`^2 _cgmg]hYa Y`\UVYb`_ÖbbYb`"

5i W`X]Y`9f`YVb]ggY`j`cb`A]Už`X]Y`Xi fW`J]YhbUa`fY]ghYž`V]YhYb
k Yfhj`c`Y`@Y`_h]cbYb`"G]Y`Yb]hgW`]YX`g]W`ž`]b`<ca YghUmg`VY]
9]b`Y]a]gW`Yb`ni`ØVYfbUW`hYbž`VYgcbXYfg`]a`A Y`_cb[!8Y`hUž`k`c
g]Y`b]W`h`bi`f`X]Y`c`_U`Y`?ØW`Y`_Yb`bYb`Yfb`hYž`gcbXYfb`Ui W`X]fY`_h
ni`f`k]fhgW`UZh`]W`Yb`GhUV`]h`Ä`h`XYf`i`Ua`j`]Yb`VY]hfi [""`W`Y`UVY
[Y`Yfb`hž`k]Y`a`Ub`hfUX]h]cbY`Yg`D`c`_c`W`hž`i`bX`X]Y
; UghZfYi bXgW`UZh`k Uf`i`bj`Yf[Ygg`]W` ž`gW`k`Äfa`h`g]Y`"Äf
k]W`h][ghYf`<]bk`Y]g`]ghž`[fc»Y`5`"!`bWi`g]j`Y!F`Ygc`fhg`ni`a`Y]XYb
i bX`ghUhhXYggYb`_Y]bYž`ZUa`j`]Yb[YZØ`fhY`i`bhYf`Øb`ZhY`ni
i bhYfghØhnYbž`i a`g]W`Yfni`ghY`Ybž`XUgg`XUg; Y`X`]b`XYf
; Ya`Y]bgW`UZh`V`Y]Vh`"

9]bY`k Y]hYfY`E`i`Y`Y`XYf`b]gd]fUh]cb`_ca`a`h]j`cb`Y]bYa
FY]gYV`c[[Yfž`XYf`gY]h`Ä\`fYb`GØX`cghUg]Yb`Yf`_i`bXYh`i`bX`gY]bY
H]ddg`ZØf`bUW`\U`h][Yg`FY]gYb`hY]`h`9f`VYhc`bh`X]Y`6YXYi`hi`b[ž
`c`_U`Y`5bV]YhYf`ni`i`bhYfghØhnYbž`gY]`Yg`Xi`fW`XYb`?Ui`Zj`cb
<UbXk`Yf`_g`_i`bgh`cXYf`XUg`9ggYb`]b`_Y]bYb`GhfU»Yb`fYghUi`fUbhg`
GY]b`6`c[`V]YhYh`Y]bY`i`Ø`Y`Ub`d`fU`_h]gW`Yb`F`Uh]gW`Ä[Ybž`k]Y`a`Ub
D`Ugh]_a`Ø`j`Yfa`Y]XYh`i`bX`i`a`k`Y`hZfYi`bX`]W`Y`HfUbgdc`fha`]hY`
bi`hnhž`i`bX`]gh`Y]bY`[fc»Ufh][Y`F`Yggci`fW`ZØf`U`Y`ž`X]Y`]fY`FY]gY
j`YfUb`hk`c`fhi`b[gj`c`][YghU`hYb`a`ÖW`hYb`fk`ca`Y`]g`K`Y`fY`M`ci`f
6U[`g`ž`"

9]b`k`Y]hYfYg`6Y]gd]Y`]gh`X]Y`i`YgW`]W`hY`j`cb`7`UfUž`X]Y`Ui`Z`6U`]ja
Di`f]8U↑`a`U`7`c`h`hU[Yg`/`GdU`ØVYfbUW`hYhYž`Y]bYa`f`Ygc`fhž`XUg
g]W`Xi`fW`?ca`a`i`b[_Uh]cb`a`]h;`ÄghYb`ZØf`Y]bYb`VYk`i`gghYb`

I a [Ub['a]h'K UggYf'i bX'9bYf[]Y`Y]bgYhnh" G]Y`k Uf`VYY]bXfi W_hž
k]Y`XUg`DYfgcbU`g]Y`XUni `Yfa i h][hYž`< UbXhØW\Yf`a Y`fZUW`ni
j Yfk YbXYb`i bX`Ghfca `ni `gdUfYb" `9g`U`h`a]W\`XUni `[YVfUW\hž
Ui W`ni `<Ui gY`UW\hgUa Yf`ni `gY]b ž[]Vh`g]Y`ni " `≠f`H]dd`ZØf
UbXYfY. `K `Å`Yb`G]Y`i bhYf_ØbZhYž`X]Y`_UfY`BUW\U`h][_Y]hgn]Y`Y
j YfZc`[Ybž`i bX`UggYb`G]Y`g]W\`j cb`XYfYb`DfU_h]_Yb`]bgd]f]YfYbž
i a `Y][YbY`; Yk c`b`Y]hYb`ni `ØVYfXYb_Yb"

8 Ubb`[]Vh`Yg`bcW`X]Y`9fZU\fi b[`j cb`Hca ž`XYf`]b`H`U]`UbX`XYb
?`Uc`MU]`BUh]cbU`dUf`_VYgi W`hY`i bX`a]hYf`YVhYž`k]Y`ghfYb[`X]Y
FY[Y`b`ni a `GW`i m`XYf`BUh`f`Y]b[Y`U`hYb`k YfXYb" `9f`k Uf
VYY]bXfi W_hj cb`XYf`b]h]Uh]j Yž`A Ø`j cb`Hci f]ghYb
ni fØW`ni gYbXYbž`i a `Ui Z`XUg`DfcV`Ya `Ui Za Yf_gUa `ni `a UW`Yb"
`9g`k Uf`Y]bY`9f]bbYfi b[`XUfUbž`b]W`hg`ni fØW`ni `UggYb`Ui » Yf
: i » gdi fYb ž`gU[h`Yf"GY]b`F`Uh]ghž`ghYhg`Ui Z`a Uf_]YfhYb`K Y[Yb`ni
V`Y]VYb`i bX`X]Y`FY[Y`b`XYf`DUf_g`ni `fYgdY_h]YfYbž`i a `X]Y
Ya dZ]bX`]W`Yb`²`_cgmgY`a Y`b]W`h`ni `[YZ`Å`fXYb"

8]YgY`; YgW`]W`hYb`i bX`H]ddg`j cb`FY]gYbXYbž`X]Y`GØXcghUg]Yb
a]h`Y]bYa `: c`_i g`Ui Z`BUW\U`h][_Y]h`Yf`_i bXYh`UVYbž
j YfXYi h`]W`Ybž`XUgg`j YfUbhk c`fhi b[gVYk i gghYg`FY]gYb`b]W`h`bi f
Y]bY`DZ]W`hž`gcbXYfb`Ui W`Y]bY`6YfY]W`Yfi b[`gY]b`_Ubb" `G]Y
`UXYb`XUni `Y]bž`Y][YbY`K Y[Y`ni `Z]bXYbž`i a `X]Y`FY[]cb`a]h
FYgdY_h`ni `Yf`YVYb`i bX`Y]bYb`d`cg]h]j Yb`: i » UVXfi W`_ni
`]bhYf`UggYb"

E i Y`Yb

- \ hhd g. ##k k k "WUfYY`hY"XY#bUW\U`h][_Y]h!hci f]ga i g!
bUW\U`h][!fY]gYb#
- \ hhd g. ##k k k "bYi Y!hci f]gh]_"XY#U`[Ya Y]b#cd!%\$!bU
W\U`h][Y!fY]gYn]Y`Y#
- \ hhd g. ##ZUghYfWUd]hU`"Wc`a #XY#]b`U`h#? i `hi fY`Y!GYbg]
V`]hUYh I bhYfgW]YXY!]b!Y]bYa !]bhYf`_i `hi fY`Yb!
? c b hYI h!fYgdY_h]YfYb"\ ha `

- \ hhdg. ##Yb"a "k]_]dYX]U"c f[#k]_]#7i `hi fU`SgYbg]h]j]hm
- \ hhdg. ##h\ U]`UbX!a U[Un]b"XY#Ug]Yb!i f`Ui V#h\ U]`UbX!
i f`Ui V#cY_c hci f]ga i g!]b!h\ U]`UbX#
- \ hhdg. ##[fYYb!hfUj Y`!V`c ["Wt a #XY#bUW\ U`h][!fY]gYb!
]b!gi YXc ghUg]Yb![fYYb!hfUj Y`![i]XY#
- \ hhdg. ##XY"fYghUi fUbh[i fi "Wt a #
- \ hhdg. ##XY"fYghUi fUbh[i fi "Wt a #ghYU_\ ci gY!bYUf!
a Y
- \ hhdg. ##k k k "_i `hi fgh]Zhi b[!XYg!Vi bXYg"XY#XY#dfc ^
Y_hY#hfUbgZcfa Uh]cbSi bXSni _i bZh#XYhU]`#c_U`Sdfc [
fUa a SZi YfS_i `hi fSi bXSYb[U[Ya Ybh"\ ha `
- \ hhdg. ##Yb"a "k]_]dYX]U"c f[#k]_]#B Uhi fgW\ i hn[YV]Yh
- \ hhdg. ##k k k "YWt hfUj]U"XY#bUW\ U`h][Y!U_h]j]hUYhYb!
i a k Y`hZfYi bX`]W\ Y!Yf`YVb]ggY!]a !i f`Ui V#
- \ hhdg. ##k k k "k k Z"XY#U_h]j !k YfXYb#h]ddg!Zi Yf!XYb!U
`hU[#h]ddg!ni f!d`Ugh]_j Yfa Y]Xi b[#d`Ugh]_!]a !U`hU[!
j Yfa Y]XYb#
- \ hhdg. ##k k k "bYi Y!hci f]gh]_"XY#U``[Ya Y]b#ZU]fY!
gci j Yb]fg#
- \ hhdg. ##gdfci hhf]d"Wt a #YWt!Zf]YbX`m!gci j Yb]fg!k \ Uh!
hc!Vf]b[!VUW!UbX!k \ Uh!hc!`YUj Y!VY\]bX#
- \ hhdg. ##k k k "VUW_dUW_]b[\UW_g"XY#VYghY!fY]gYnY]h!
gi YXc ghUg]Yb#
- \ hhdg. ##XY!j i "XY#VYghY!fY]gYnY]h!gi YXc ghUg]Yb!
k YhhYf!i bX!_`]a U!]a !i YVYfV`]W_#
- \ hhdg. ##\ ca Y]gk \YfYmci fVU[]g"Wt a #bUW\ U`h][!
fY]gYb!gi YXc ghUg]Yb#

8YhU]`g

6Ygi W\ Yb`G]Y`i bg`Ui Z.`Y]bY!fY]gY"XY