HfU[]gW\ Yf'J cfZU``']b'A Uf`. 'CVXi _h]cb
bUW\ '? c\`Yba cbcl]X!J Yf[]Zhi b[

CVXi _h]cbgYf[YVb]g'nY][h'?c\`Yba cbcl ]X!J Yf[ ]Zhi b[ 'U`g
HcXYgi fgUW\Y`Y]bYf'% !>\f][Yb']b'A Uf""9fa]hh'i b[Yb
`Ui ZYb"

⊕'A Uf`ž'BcfXf\Y]b!K YghZU`Ybž'[]Vh'Yg'hfUi f][Y`BYi][_Y]hYb'ØVYf
XYb'HcX`Y]bYg'† b[ Yb'A ÅXW\Ybg"9]bY`%' !>\f][Y`k i fXY`YV`cg]b
]\fYf`K c\bi b[ `Ui Z[YZ] bXYbž'k Ug`X]Y`5i Za Yf_gUa _Y]h'XYf'Dc`nY]
i bX`XYf`GhUUhgUbk U`hgW\UZh'Ui Zg]W\`nc[""8]Y`Yfa ]hhY`bXYb
GhY`Yb`\UVYb`]bnk ]gW\Yb`XUg'9f[YVb]g`XYf`CVXi _h]cb`VY_Ubbh
[Y[YVYbž`XUg`ZØf'j]Y`Y': fU[ Yb'i bX`GdY_i `Uh]cbYb`gcf[h"

8]Y`Xi fW\ [ YZØ\fhY` [Yf]W\hga YX]n]b]gW\Y`i bhYfgi W\i b[ `Yf[UVž
XUgg`X]Y`HcXYgi fgUW\Y`Y]bY`?c\`Yba cbcl ]X!J Yf[ ]Zhi b[ `k Uf"
?c\`Yba cbcl ]X`]gh'Y]b' [Yfi W\`cgYg'i bX`ZUFV`cgYg'; Ugž`XUg`VY]
i bj c`ghÅbX][ Yf'J YfVfYbbi b[ `j cb`Zcgg]Yb`6fYbbghcZZYb`YbhghY`h"
9g`\_Ubb']b' [ YgW\`cggYbYb`FÅi a Yb`gW\ bY`ni `Y]bYf' [YZÅ\`f]W\Yb
5bgUa a`i b[ `ZØ\fybž'k Ug`ni `Y]bYf`U\_i hYb`J Yf[]Zhi b[`ZØ\fyb
_Ubb""6YgcbXYfg'hfU[]gW\`]ghž`XUgg`X]YgY`5fh]cb`J cfZÅ`Yb`cZh
i bYfk UfhYh`\_ca a`hi bX`j ]Y`Y`A YbgW\Yb`VYhf]Zž`c\`bY`XUgg`g]Y`Yg
VYa Yf_Yb"

9fa]hh'i b[Yb` `Ui ZYb`Ui Z'< cW\ hci fYb

8]Y` [ YbUi Yb`i a ghÅbXYž`X]Y`ni `X]YgYf`gW\k YfYb`J Yf[]Zhi b[
ZØ\fhYbž'g]bX`V]g`Ub[`i b`_Uf""8]Y`6Y\ØfXYb`\UVYb`]\fY
9fa]hh'i b[Yb`Ui Z[ Ybca a Ybž'i a `X]Y`<]bhYf[ fØbXY`XYg`J cfZU`g
j c`ghÅbX][ `Ui Zhi _`ÅfYb""6]g`Yhnh[]Vh'Yg`\_Y]bY`k Y]hYfYb
⊕Zcfa Uh]cbYb`XUni ž`cV`Yg'a Ø[ `]W\Y`i fgUW\Yb`cXYf`VY[ `Y]hYbXY
: U`hcfYb'[ ]Vhž`X]Y`ni `X]YgYa `VYXUi Yf`]W\Yb`J cfZU`` [YZØ\fh

\UVYb`\_ÖbbhYb"8]Y'9fa ]hh`Yf`j Yfgi WXYb`Xi fW`6YZFU[ i b[ Yb`i bX
X]Y`5i gk Yfhi b[ `j cb`6Yk Y]gYb`a Y`f`@]W`h`b`X]Y`5b[Y`Y[ Yb`Y]h
ni `Vf]b[ Yb`"

HÖX`]WXY`?c\`Yba cbcl ]X!J Yf[ ]Zhi b[ Yb`g]bX`b]W`h`bi f`]b
8Yi hgW`UbXž`gcbXYfb`k Y`hk Y]h`Y]b`YfbghYg`DfcV`Ya ""8]YgY
J Yf[]Zhi b[Yb`\_ÖbbYb`Xi fW`XYZY`_hY`<Y]ni b[ gUb`U[Ybž
i bgUW[Ya `À» `[Ybi hnhY`; f]`g`]b`[YgW`cggYbYb`F`Äi a Yb`cXYf
UbXYfY`E i Y`Yb`j Yfi fgUW`h`k YfXYb`" ð`j ]Y`Yb`; `Ä`Yb`g]bX`g]W`X]Y
6YhfcZZYbYb`XYf`; YZU`fYb`b]W`h`VYk i gghž`k Ug`X]Y`Df`Äj Yb]cb
gc`WYf`l bZ`Y`i a gc`Xf]b[ `]W`Yf`a UW`h`"

8 Ug`6Yk i gghgY]b`ZØf`; YZU`fYb`gW`ÄfZYb

8]Y`HfU[ ÖX]YžX]Y`g]W`]b`A Uf`YfY][ bYh`U`hž`gc`hY`U`g`K YW`fi Z
X]YbYbž`i a `XUg`6Yk i gghgY]b`ZØf`X]Y`; YZU`fYbž`X]Y`j cb
?c\`Yba cbcl ]X`Ui g[Y`Ybž`ni `gW`ÄfZYb`"5`Ufa Ub`U[ Ybž`X]Y
gdYn]Y`ZØf`?c\`Yba cbcl ]X`Ybhk]W`Y`hk i fXYbž`\_ÖbbhYb`]b`j ]Y`Yb
<Ui g\U`hYb`YVYbgfYhhYbX`gY]b`"8]YgY`; Yf`ÄhY`g]bX`fY`Uh]j
_cgYb[Øbgh][`i bX`_ÖbbYb`]b`j]Y`Yb`; YgW`ÄZhYb`Yfk cfVYb
k YfXYb`" ð`fY`ðghU`Uh]cb`gc`hY`Yfbgh`UZh]b`6YhfUW`h[Ync[Yb
k YfXYbž`i a `XUg`F]g]\_c`Y]bYf`J Yf[ ]Zhi b[ `ni`a`]b]a]YfYbž
]bgVYgcbXYfY`]b`<Ui g\U`hYbž`k c`<Y]n[ Yf`ÄhY`Y]b[ YgYhnh`k YfXYb`"

9`hYfb`gc`hYb`g]W`]Ui W`VYk i ggh`gY]bž`k]Y`[ YZ`Ä`f`]W`
?c\`Yba cbcl ]X`gY]b`\_Ubbž`k Ybb`?]bXYf`]b`XYf`B`Ä`Y`j cb
dchYbn]Y`Yb`; YZU`fYbei Y`Yb`gd]Y`Yb`cXYf`g]W`]Ui Z`U`hYb`"8 Ug`]gh
VYgcbXYfg`k ]W`h][ž`XU`?]bXYf`cZhi bj cfg]W`h][`g]bX`i bX`X]Y
; YZU`fYb`a Ö[`]W`Yfk Y]gY`b]W`h`Yf`_YbbYb`"BYVYb`XYf`ðghU`Uh]cb
j cb`5`Ufa Yb`]gh`Yg`k ]W`h][ž`fY[ Y`a `À» ][ `hYW`b]gW`Y`; Yf`ÄhY`i bX
<Y]ni b[Yb`j cb`; UW`Yi hYb`ØVYfd`fØZYb`ni ``UggYbž`i a
g]W`Yfni ghY`Ybž`XUgg`g]Y`cfXbi b[ g[ Ya `À» `Z`b`\_h]cb]YfYb`"

8]Y`9fa ]hh`i b[Yb`ni a `HcX`XYg`A `ÄXW`Ybg`]b`A Uf`g]bX`]a`; Ub[Yž
i bX`Yg`V`Y]Vh`ni `cZZYbž`XUgg`V`U`X`?`Uf`Y]h`ØVYf`X]Y`l a gh`ÄbXY
XYg`J cfZU`g[YgW`UZZYb`k YfXYb`\_Ubb`"8]Y`hfUi f][ Y`; YgW`]W`hY
Yf]bbYfhi bg`XUfUbž`k]Y`k ]W`h][`Yg`]ghž`Ui Za Yf`_gUa `ni`gY]b`i bX
[YY][bYhY`A U» bU`a Yb`ni`Yf[fY]ZYbž`i a `g]W`i bX`gY]bY`; Ua`]Y`

ni 'gWkØhnYb"

HfU[]gWk Y 'J c fZÀ`Y 'i bX ']\fY '6YXYi hi b[

9g]gh'i bYf`Àgg]Wk ž'XUgg; YgY`gWk UZhYb'gc`Wk Y 'J c fZÀ`Y 'b]Wk h
[[bcf]YfYb"8]Y '5i Z`Àfi b['ØVYf'X]Y; YZU\ fYb'j cb
?c\`Yba cbcl ]X'i bX`XYf`GWk i hn`XYg`@YVYbg'g]bX'j cb`\ØWk ghYf
Df]cf]hÀh"ŸXYf'gc`hY`X]Y 'J YfUbhk c fhi b['ØVYfbY\ a Ybž'XUg
K]ggYb'ØVYf'X]YgY`\Y]a `]Wk Y; YZU\ f'ni 'j YfVfY]hYbž'i a 'k Y]hYfYb
J Yf'i ghYb'j cfni VYi [Yb"8]Y '?ca V]bUh]cb'Ui g'[fUi gUa Yf
HfU[ØX]Y'i bX`XYf`A Ø[`]Wk _Y]hž'XUg'6Yk i ggHgY]b'ZØf
G]Wk Yf\Y]hga U» bU\ a Yb'ni 'gWk ÀfZYbž'_ØbbhY`XYf`GWk`ØggY`gY]bž
i a `À\b`]Wk Y 'J c fZÀ`Y 'j b`XYf`Ni _i bZh'ni 'j Yf\]bXYfb"

I a ZUb[fY]Wk Y '9fa]hh'i b[Yb 'ja ; Ub[Y

B UWk `XYa 'HcX`XYg'† b[Yb`A ÀXWk Ybg'j]b`A Uf`gYhmYb`X]Y
9fa]hh'i b[gVY\ØfXYb`]\fY'5fVY]h'Zcfhž'i a `X]Y'I fgUWk Yb`XYf
?c\`Yba cbcl ]X!J Yf[ ]Zhi b[ 'ni '\_`ÀfYb"8]Y`GhUUhgUbk U`hgWk UZh
9ggYb'i bX`X]Y`Dc`nY]`F YW_]b[\Ui gYb`ghY\Yb`]b`Yb[Ya '?cbhU_hž
i a `U`Y`fY`Yj UbhYb`bZcfa Uh]cbYb'ni gUa a Ybni ghY`Yb'i bX'ni
UbU`mg]YfYb"8 UVY]`_cbnYbhf]YfYb`g]Y`g]Wk`]bgVYgcbXYfY`Ui ZXYb
K c\bcfh`XYg`CdZYfg`gck ]Y`a Ø[`]Wk Y; YZU\ fYbei Y`Yb`]a `I a ZY`X"
9]bY'i a ZUggYbXY`Gdi fYbg]Wk Yfi b[ 'k i fXY`Xi fWk [YZØ\fhž'i a
<]bk Y]gY'ni 'g]Wk Yfbž'X]Y'5i ZgWk`i gg`ØVYf`XYb`<Yf[Ub['[YVYb
_ØbbhYb"

9]b`nYbhfU`Yf'5gdY_h`XYf'9fa ]hh'i b[ Yb`]gh`X]Y'I bhYfgi Wk i b['j cb
<Y]n[YfÀhYb'i bX`UbXYfYb`dchYbh]Y`Yb'?c\`Yba cbcl]XeI Y`Yb`]b
XYf`K c\bi b[ "'C Zha U`g`k YfXYb`[YZÀ\`f`]Wk Y; UgY`Xi fWk `XYZY_hY
<Y]ni b[Yb`cXYf`i bni fY]Wk YbX`VY`ØZhYhY; Ug[YfÀhY`ZY][YgYmhž
k Ug`]b`[YgWk`cggYbYb`F Ài a Yb'ni `Y]bYf`_f]h]gWk Yb`G]hi Uh]cb
ZØ\ fYb`_Ubb"

?c\`Yba cbcl ]Xj Yf[ ]Zhi b[ Yb. '9]b`YfbghYg
; Ygi bX`Y]hgf]g]_c

?c\`Yba cbcl ]X`f7CŁ]gh`Y]b`[Yfi W\`cgYg`i bX`ZUfV`cgYg`i; Ugž`XUg
Xi fW\`i bj c`gh`ÀbX][ Y`J YfVfYbbi b[`Zcgg]`Yf`6fYbbghc ZY`YbghY`h"
8]Y`i; YZU\`fYb`X]YgYf`5fhj cb`J Yf[ ]Zhi b[ `g]bX`j]b`8Yi hgW\`UbX`b]W\`h
gY`hYb`" :À\`f]W\`YfY][bYb`g]W\`<i bXYfhY`j cb`J cfZÀ`Ybž`X]Y`a Y]gh
Ui ZXYZY`\_hY`<Y]ni b[gUb`U[ Yb`cXYf`i bgUW\`[Ya`À»Yb`i; YVfUi W\`
j cb`i; Ug[ YfÀhYb`ni fØW`\_ni ZØ\`fYb`g]bX`" @Ui h`XYa`i`8Yi hgW\`Yb
FchYb`?fYi n`k YfXYb`Yhk U`) \$\$`A YbgW\`Yb`dfc`đ\`f`Ui Z[fi bX`j cb
?c\`Yba cbcl ]Xj Yf[ ]Zhi b[ Yb`j]b`?`]b`\_Yb`VY\`UbXY`hž`k Ug`X]Y
8f]b[`]W\`_Y]hj cb`dfÀj Ybh]j Yb`A U» bU\`a Yb`i bhYfghfY]W\`h"

8]Y`Gma dhca Y`Y]bYf`?c\`Yba cbcl]Xj Yf[]Zhi b[` \_ØbbYb`Y]W\`h
ØVYfgY\`Yb`k YfXYb`i bX`fY]W\`hYb`j cb`?cdZgW\`a YfnYb`i bX
GW\`k ]bXY`V]g`\]b`ni `6Yk i ggh`cg][_Y]h`i bX`HcX`"8U\`Yf`g]bX
fY[Y`a`À»][Y`K Ufhi b[ Yb`j cb`<Y]ni b[ gUb`U[Yb`gck ]Y`XUg
5bVf]b[Yb`j cb`7C!A Y`XYfb`j]b`K c\`bfÀi a Yb`i bYf`Àgg`]W\`ž`i a`XUg
F]g]_c`ni `a]b]a]YfYb`"8]Y`ZY\`Yf\`UZhY`đghU`U]cb`cXYf`XYf
A]ggVfUi W\`j cb`i; Ug[YfÀhYb`\_Ubb`ZUhU`Y`i: c`[ Yb`\UVYb`"

DfÀj Ybh]c bga U» bU\`a Yb`i bX`ghUUh`]W\`Y J c f g W\` f]ZhY b

8]Y`6i bXYgfY[ ]Yfi b[ ` \Uh`nU\`fY]W\`Y`F]W\`h]b]Yb`j]a`d`Ya`Ybh]Yfhž
i a`X]Y`G]W\`Yf\`Y]h`i]b`6Yni [`Ui Z`?c\`Yba cbcl ]X`ni `Yf\`Ø\`Yb`"8Uni
[Y\`ØfYb`[YgYhn`]W\`Y`J cf[ UVYb`ZØf`XYb`9]bVUi`j cb`7C!A Y`XYfb`j]b
K c\`bUb`U[Yb`"đ`j]Y`Yb`6i bXYg`ÀbXYfb`g]bX`7C!A Y`XYf`gY]h`&\$%*
DZ]W\`h]b`BYi VUi hYb`i bX`VY]i a ZUb[fY]W\`Yb`F Ybcj]Yfi b[Yb`ž`i a
X]Y`6Yk c\`bYf`ZfØ\`nY]h][`j cf`Y]bYf`dchYbn]Y`Yb`i; YZU\`f`ni
k UfbYb`"

Ni gÀh`]W\`i []Vh`Yg`5i Z`Àfi b[ g\_Ua`dU[bYbž`X]Y`XUfUi ZUVn]Y`Ybž
XUg`6Yk i gghgY]b`ZØf`X]Y`i; YZU\`fYb`j cb`?c\`Yba cbcl]X`ni
gW\`ÀfZYb`i bX`X]Y`6Yj Ò`\_Yfi b[ `ØVYf`[YY][bYhY
G]W\`Yf\`Y]hga U» bU\`a Yb`ni`j]bZcfa`]YfYb`"C f[ Ub]gUh]cbYb`k]Y`X]Y
: Yi Yfk Y\`f`i bX`XYf`8Yi hgW\`Y`i: Yi Yfk Y\`fj YfVUbX`Ya`dZY\`Ybž
]bgVYgcbXYfY`j cf`XYf`<Y]ngU]gcb`i, VYfdfØZ] b[Yb`XYf
<Y]ni b[gUb`U[ Yb`Xi fW\`i: UW\`Yi hY`j cfni bY\`a Ybž`i a`X]Y`i; YZU\`f
j cb`?c\`Yba cbcl]Xj Yf[]Zhi b[Yb`ni`fYXi n]YfYb`"

8YhU]g

6Ygi W\Yb`G]Y`i bg`Ui Z.`X]Y!bUW\ f]W\ hYb"bYh