

Ni \_i b Zhgk Y]gYbXYf'GdUhYbgh]W\ . ? ]HU  
6fY]hVYbXYb' ]b'5UW\ Yb!9]`YbXcfZ

5UW\ Yb'ghUfhYh'6Ui `Y]bYf'bUW\ \U`h][ Yb' ? ]HU`]b  
<c`nVUi k Y]gY`]b'6fY]hVYbXYbž'i a `6YhfYi i b[ gd`ÀhnY'i bX  
?`]a UgW\i hn'ni `Z0fXYfb"

B UW\ \U`h][ \_Y]h`]a `: c\_i g. '8]Y`bYi Y  
? ]bXYfhU[ YgghÀhhY` ]b'5UW\ Yb!9]`YbXcfZ

⊕'5UW\ Yb!9]`YbXcfZ'k ]fX`Y]b'k Y[ k Y]gYbXYg`BYi VUi dfc`Y\_h  
i a [ YgYmh'5a ` ' %" `⋈ `][ UV`Yg`XYb'cZZ]nY`Yb'GdUhYbgh]W\ `Z0f`X]Y  
bYi Y'? ]bXYfhU[ YgghÀhhY`]a `K c\ b[ YV]Yh'6fY]hVYbXYb"8]YgY  
9]bf]W\ hi b[ `k ]fX`X]Y`YfghY` ]b'5UW\ Yb'gY]bž'X]Y` ]b'j c`ghÀbX][ Yf  
<c`na Uggj] VUi k Y]gY`Yff]W\ hYh'k ]fX`i bX`Y]b`NYfh]Z]\_Uh`Z0f  
bUW\ \U`h][ Yg'6Ui Yb`Yf\`À`h"CVYfV0f[ Yfa Y]ghYf]b'G]Vm`Y`?Yi dYb  
VYhcbhY`X]Y'6YXYi hi b[ `X]YgYf'? ]HU`Z0f`X]Y`GhUXhi bX`X]Y` : Ua ` ]]Yb  
j cf`Cfh"

9]b'k Y[ k Y]gYbXYg`Dfc`Y\_h`Z0f`X]Y`GhUXh  
5UW\ Yb

8]Y`9ff]W\ hi b[ `Y]bYf'a cXYfbYb' ? ]bXYfhU[ YgghÀhhY`]gh'a Y`f`U`g  
bi f`Y]b'6Ui j cf\ UVYb'/g]Y`ghY`h`Z0f`X]Yb`Xf]b[ YbXYb'6YXUfZ`Ub  
6YhfYi i b[ gd`ÀhnYb' ]b'9]`YbXcfZ'i bX'gca ]h'Ui W\ `Z0f`X]Y`Ni \_i bZh  
XYf`Xcfh`YVYbXYb': Ua ` ]]Yb"CVYfV0f[ Yfa Y]ghYf]b'G]Vm`Y`?Yi dYb  
\YVh`\Yfj cf. ` K ]f`VYhfYhYb`VUi `]W\ Yg`BYi `UbX" `8]Y`E i U`]hÀhi bX  
B UW\ \U`h][ \_Y]h`XYg'6Ui dfc`Y\_hg`gc`Yb`b]W\ h'bi f`X]Y  
@YVYbgei U`]hÀhi]b`XYf`B UW\ VUfgW\ UZh`ghY][ Yfbž`gcbXYfb`Ui W\ `U`g  
6Y]gd]Y`Z0f`ni \_0bZh][ Y`6Ui dfc`Y\_hY`X]YbYb"8Ug'; YVÀi XY`k ]fX  
a ]hY]bYa `bU\Yni ` \_`]a UbYi hfU`Yb'5bgUhn`fYU`]g]Yfh'i bX`d`Ubhž

Xi fW`Y]bY`Ui g[ Y[ `]W`YbY`7C&!6]`Ubn`ni f`J YfVYggYfi b[ `XYg  
gh`Xh]gW`Yb`?`]a Ug`VY]ni hfU[ Yb"

## 8 Ug`6Ui \_cbnYdh`i bX`gY]bY`Ò\_c`c [ ]gW`Yb J c fhY]`Y

8 Ug[ Yd`UbhY` ; YV`Ai XY`k ]fX`a ]h]bbcj Uh]j Yb`A UhYf]U`]Yb  
Yff]W`hYh`XUfi bhYf`i bj Yf`Y]a hYg`A Ugg]j `c`n`"8 ]YgY`A UhYf]U`]Yb  
g]bX`b]W`h`bi f`bUW`U`h][ ž`gcbXYfb`Z`fXYfb`Ui W`X]Y  
K ]YXYfj Yfk YbXVUf`\_Y]hi bX`FYW`W]b[ Z`A`][ \_Y]h`"8 Yf`HYW`b]gW`Y  
; YgW`A`ZhgZ`fYf`XYg`gh`Xh]gW`Yb` ; YV`Ai XY`a UbU[ Ya Ybhgž`?`Ui g  
GW`Uj Ubž`VYgW`fY]Vh`XUg`Dfc`Y`\_h`U`g`Y]bYb`DUfUX][ a Ybk YW`gY`  
`]b`ni a ` 6Ui Yb`a ]h`Ni \_i bZh`"8i fW`X]Y`Bi hni b[ ]j cb  
D`chc]c`hU]\_Ub`U[ Yb`i bX`]bY]bUbXYf[ fY]ZYbXYb  
@Zhi b[ ggmghYa Yb`k ]fX`Y]bY`c`Y`9bYf[ ]YYZZ]n]Ybn`Ub[ YghfYVhž  
X]Y`Ub[ Zf]gh][ `Ui W`X]Y`6Yhf]YVg`cghYb`gYb`\_Yb`gc`"

## F Ui a Ub[ YVch`Z`f`X]Y`? ]bXYf`i bX`X]Y ; Ya Y]bXY

8 ]Y` ; YghU`hi b[ `XYf`bYi Yb`? ]bXYfhU[ Yggh`AhY`V]YhYh`D`Uhn`Z`f`V]g  
ni ` , \$`?]bXYf`a ]h] YfgW`]YXYbYb` ; fi ddYbf`Ai a Ybž`X]Y`Ui ZX]Y  
6YX`fZb]ggY`XYf`i bhYf!8fY]`A`f][ Yb`i bX` , VYf!8fY]`A`f][ Yb  
Ui g[ Y`Y[ h`g]bX`"8]Y`f`Ai a `]W`Y`5bcfXbi b[ `Z`fXYfh`Y]bY`ZfY]Y`i bX  
\_fYUh]j Y`9bhk ]W`\_i b[ `XYf`? ]bXYf`"5i Z`Y]bYf`B`Yh`c!F Ui a Z`AW`Y  
j cb`%`%+`-`E i UXfUha YhYfb`YbhghY`h`Y]b`i a ZY`Xž]b`XYa`? ]bXYf  
gd]Y`Ybž`YfbYb`i bX`g]W`Y`bhzU`hYb`\_`ÒbbYb`"8 Ug`5i » Yb[ Y`AbXY  
k ]fX`a ]h] ]Y`Z`h][ Yb`Gd]Y`a `Ò[ `]W`\_Y]hYb`Ui g[ YghUhhYhž`X]Y`XUg  
Gd]Y`Yb`i bX`9bhXYW`\_Yb`]a ` : fY]Yb`Z`fXYfb"

## ; Ya Y]bgW`UZh`i bX`Ni gUa a YbUfVY]h

8 ]Y`FYU`]g]Yfi b[ `XYf`? ]HU`6fY]hVYbXYb`]gh`XUg`9f[ YVb]g`Y]bYf  
Yb[ Yb`Ni gUa a YbUfVY]h`nk ]gW`Yb`j YfgW`]YXYbYb`GhUXh[ fYa ]Yb`  
<]XY`GW`Y]Xhž]J c fg]hnYbXY`XYg`? ]bXYf!`i bX`ž [ YbXUi ggW`i ggYgž  
VYhc`bhž`XUgg`X]Y`[ Ya Y]bgUa Yb`5bghfYb[ i b[ Yb`U`Yf` : fU`\_h]cbYb  
Ui Z`Y]bY`k YgYbh`]W`Y`J YfVYggYfi b[ `XYf`6YhfYi i b[ gUb[ YVchY

UVn]Y`Yb"6Yn]f\_gVØf[ Yfa Y]ghYf]b`9`\_Y`9gWk Y]Yf`i bX`<Y]bf]Wk  
6fØmž`XYf`6Y][ YcfXbYhY`ZØf`6]`Xi b[ ž`ž [ YbX`i bX`?i`hi fž  
i bhYfghØhnYb`XUg`Dfc`Y`hž`XU`Yg`XYb`ghY][ YbXYb`6YXUfZ`Ub  
6YhfYi i b[ gd`ÀhnYb`]b`XYf`k UWk`gYbXYb` ; Ya Y]bgWk`UZh`XYW`h"

## 6`]W`\_]b`X]Y`Ni`\_i`bZh

8]Y`GhUXh`5UWk`Yb`d`Ubhž`X]Y`bYi`Y`?`]HU`]a` : fØ`U`f`&\$`\*`ni  
YfØZb`Yb"K`À`fYbX`X]Yg`Y]bYb`VYXYi`hYbXYb`GWk`f]h]b`F`]Wk`hi`b[  
Y]bYf`VYggYfYb`6YhfYi`i`b[ `ZØf`X]Y`?`]bXYf`]b`9]`YbXcfZ`XUfghY`hž  
k`]fX`[ `Y]Wk`nY]h][ `Y]b`G][`bU`ZØf`XYb`Ø`c`c`[`]gWk`Yb`6Ui`[`YgYhnh"  
8]Y`9b`hk`]W`\_i`b[ `XYf`?`]HU`6fY]hVYbXYb`\_Øb`bhY`U`g`A`cXY`ZØf  
ni`\_ØbZh][`Y`6]`Xi`b[`g!`i`bX`6YhfYi`i`b[`ggh`À`hYb`]a`[`YgUa`hYb  
6i`bXYg[`YV]Yh`X]YbYbž`X]Y`gck`c`X`XYb`6YXØfZb]ggYb`XYf`?`]bXYf  
U`g`Ui`Wk`XYf`I`a`k`Y`h`[`YfYWk`h`k`YfXYb"

A`h`X]YgYa`D]`chdfc`Y`\_h`k`]fX`XYi`h]Wk`ž`XUgg`X]Y`GhUXh`5UWk`Yb  
b]Wk`h`bi`f`Ub`XYf` ; Y[`Ybk`Ufh`UfVY]hYhž`gcbXYfb`Ui`Wk`Ub`Y]bYf  
bUWk`U`h][`Yb`Ni`\_i`bZh"8`Ug`6Ui`Yb`]a`9]b`\_`Ub[`a`]h`XYf`B`Uhi`f`i`bX  
XYf`GWk`UZI`b[`Y]bYg`VYXUfZg[`YfYWk`hYb`5b[`YVc`hg`ZØf`X]Y  
 ; Ya Y]bgWk`UZh`\_Øb`bhY`k`Y[`k`Y]gYbX`ZØf`\_ØbZh][`Y`J`cf`UVYb`]b  
UbXYfYb`Gh`X`hYb`gY]b"

·`B5;

8YhU]`g

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