

B Yi Y 'GU]gcbž'bYi Yg'HYUa . ; ]Y» Yb '( \* Yfg  
VY[ Y]ghYfb 'VY]a 'GhUXhZYgh

; i ]Xc '<YYfghfU» 'i bX'X]Y'; ]Y» Yb '( \* Yfg'dfÀgYbh]YfhYb'bYi Y  
Gd]Y`Yf'i bX'Hf]\_chg'Ui Z'XYa 'GhUXhZYgh": Ubg'Yfk UfhYb'Y]bY  
gdUbbYbXY'GU]gcb"

⇒a '<YfnYb'XYf'GhUXh'; ]Y» Yb'j YfgUa a Y'hYb'g]Wk'Ua 'GUa ghU[ ž  
XYa '%+"5i [ i ghž'nU\`fY]WkY'6Ug\_YhVU`! : Ubgž'i a 'X]Y'bYi Y  
A UbbgWkUZhXYf'; ]Y» Yb '( \* Yfg'Ui Z'XYf'GhUXhZYghV\`bY  
j cfn' ghY`Yb"8Yf'HfU]bYf'XYf'A UbbgWkUZhž' : fYb\_] '≠ b'Uhcj ]Wž  
k Uf'g]Wk'h]Wk'YbhgdUbbh'i bX'[ Ybcgg'Y]b'U`\_c\`c`ZfY]Yg'F UX'Yf" : Øf  
]b'gh'Yg'Y]b'Ui ZfY[ YbXYf'A ca Ybhž'XYbb'X]Y'bYi Y'GU]gcb' ]b'XYf  
&"6Ug\_YhVU`!6i bXYg][ U'Dfc'5'ghY\`hj c f'XYf'HØfž'i bX'X]Y  
9fk Ufhi b[ Yb'g]bX'\`cWk"

A ]h'fi bX') \$\$'5b\`Àb[ Yfbž'X]Y'Ybh\`i g]Ugh]gWk'XYb'B Ua Yb' ]\`fYg  
HfU]bYfg'g\_UbX]YfhYbž'k Uf'X]Y'Gh]a a i b[ 'Yi d\`cf]gWk" ≠ b'Uhcj ]W  
Yf\_`ÀfhY. : ⇒Wk'ZfYi Y'a ]Wk'f]Yg][ 'Ui Z'X]Y'bYi Y'GU]gcb" 'DØb\_h]Wk  
bUWk'XYa 'i f'Ui V'i bX'a Y\`fYfYb' ]bhYbg] Yb'HfU]b]b[ gY]b\`Y]hYb  
dfU`hY'Yf'a ]h'XYf'F YU`hÀh'XYf'J cfVYfY]hi b[ Yb'Ui Z'"9f'fYZY\_h]YfhY  
X]Y'j Yf[ Ub[ YbY'GU]gcbž'X]Y'a ]h'&) 'G]Y[ Yb'YfZc`[ fY]Wk'k Ufž  
'YXcWk'j cb'Y]bYa 'ZfØ\`Yb'5i ggWkY]XYb' ]b'XYb'D'UmcZg  
ØVYfgWkUhhYh'k i fXY" : 8 Ug'\`Uh'Y]b'f]Wk'h][ 'gWk'YWk'hYg'; YZØ\`  
\`bhYf'UggYb ž'[ UV'Yf'ni "

### 8 ]Y'bYi Yb'Gd]Y`Yf'i bX'XYfYb'J YfgdfYWkYb

9]b'nYbhU'Yf'Di b\_h'VY]'XYf'DfÀgYbhU]cb'k Uf'X]Y'J c fghY`i b[  
bYi Yf'Gd]Y`Yfž'X]Y'XUg'HYUa 'j YfghÀf\_Yb'gc`Yb" ≠ b'Uhcj ]W]gh  
ØVYfnYi [ hij cb'XYb'B Yi ni [ Àb[ Yb'i bX'VYhcbhY.' K ]f'\`UVYb'ž b[ g  
[ Y\`c'hž'X]Y'X]Y'YbhghUbbXYbYb'@ØW\_Yb'a Y\`f'U`g'gWk' ]Y» Yb

k YfXYb" '6YgcbXYfg'X]Y'Gd]Y'Yf'Ui g'gY]bYf'<Y]a UghUXh'6Y'[ fUX  
' ghc`nY'ž b[ g'j ca '6U`Ub ' 'gc`Yb'Xi fW'X]fYb'i bYfa ØX`]WXYb  
9]bgUhn'X]Y '@Y]XYbgWUZh]b'XUg'HYUa 'Vf]b[ Yb"' 8]Y'k YfXYb  
\_Äa dZYbž'VY]» Yb'i bX'g]W'X'YffY]» Yb ž'gc'XYf'HfU]bYf"

8]Y'BYi ni [ Äb[ Y'k ]Y'A`UXYb'J i 'Wi bX'J ]\_hcf'?cj UWj ]WnY][ hYb  
g]W'cdh]a ]gh]gW' i bX'VYfY]hž'X]Y'<YfUi gZcfXYfi b[ 'Ubni bY'a Yb"  
ÄW'k ]`G]Y[ Y ž'VYa Yf\_hY'J i 'Wž'k Ä`fYbX'?cj UWj ]Wj c`Yf  
HUhYbXfUb[ 'Yf\_ÄfhY.' ÄW'Vf]b[ Y'j ]Y'Dck Yf'a ]h "'8]Yg'XYi hYh  
XUfUi Z\]bž'XUgg'XYf'J Yf'i ghj cb'GhYZUb': i bX]Wž'XYf'bcW'c\ bY  
bYi Yb'J YfY]b' ]ghž'b]W'h'XUg'9bXY'j cb'; ]Y» Ybg'5a V]h]cbYb  
VYXYi hYh"GhUhnXYggYb`Uh'XUg'HYUa 'X]Y'5Vg]W'hž'g]W'Xi fW'X]Y  
BYi j YfdZ]W'hi b[ Yb'ni 'ghÄf\_Yb'i bX'j ]Y`Y]W'h'gc[ Uf'bYi Y'<Ö\Yb  
ni 'YffY]WXYb"

9]b'k Y]hYfYf'k ]W'h][ Yf'5\_hYi f' ]b'XYa 'HYUa ' ]gh'XYf'Y\Ya U'] [ Y  
<U[ YbYf'?m'Y'7Ugh]bž'XYf'VYfY]hg[ Y[ Yb'; ]Y» Yb'[ Ygd]Y'h'\Uh"  
ÄW'ZfYi Y'a ]W'ž'YbX']W'Ui Z'XYf'f]W'h][ Yb'GY]hY'ni 'gY]b ž'Äi »YfhY  
Yf'g]W'cdh]a ]gh]gW"'8]Y'6Ø\ bY'XYf'GhUXhZyghj YfUbghU'hi b[  
cZYbVUfhY'Y]b'HYUa 'j c`Yf'DchYbn]U`i bX'9bYf[ ]Yž'k cXi fW'X]Y  
JcfZfYi XY'Ui Z'X]Y'GU]gcb'ghY][ h"

8Yf'bYi Y'; YgW'ÄZhgZØ\ fYf'; i ]Xc'<YYfghfU» 'VfUW'hY'gY]bY  
5i ZfY[ i b[ '\]bg]W'h]W'XYf'\_ca a YbXYb'<YfUi gZcfXYfi b[ Yb'ni a  
5i gXfi W\_" ÄW'a i gg'Yfgh'bcW'j YfghY\Ybž'k Ug'\]Yf'Y][ Yb'h]W'  
dUgg]Yfh]gh ž'ghY`hY'Yf'ZYgh'i bX'VYhcbhY'X]Y'K ]W'h][ \_Y]h'XYf  
bYi Yb'; Ya Y]bgWUZh"'5V'XYa '%('GYdhYa VYf'k ]fX'X]Y  
5ha cgd\ÄfY' ]b'XYf'C gh\U`Y`YVYbX][ 'gY]bž'k Ybb'XYf  
A ]hhY'XYi hgW'Y'67'ni a 'a ]h'GdUbbi b[ 'Yfk UfhYhYb'66@Dc\_U!  
8i Y`Ubhf]hh"<YYfghfU» ' ]gh'ZYgh'YbhgW'cggYbž'X]Y'6Yn]Y\i b[ 'ni  
XYb': Ubg'i bX'XYa 'HYUa 'ni 'ghÄf\_Yb"

8]Y': fYi XY'i bhYf'XYb'Gd]Y'Yfb' ]gh'gdØfVUf"'G]a cb'?fU'W'j ]W  
gdfUW'ØVYf'gY]bY'FØW\_\_Y\ f'i bX'X]Y'NY]hž'X]Y'Yf'[ Ybi hnh'\Uhž'i a  
g]W'cdh]a U'j cfni VYfY]hYb"'5i W'F'c`UbX'BmJa U'i bX'F'cV]b  
6Ybn]b[ 'g]bX'VYfY]hž'Ui Z'XYa 'D`Uhn'ZØf'9a ch]cbYb'i bX'Di b\_hY'ni  
gcf[ Yb"' K ]f'k c`Yb'Y]bZUW'bi f'gd]Y'Yb'i bX'[ Yk ]bbYb ž'VfUW'hY  
Yg'@ ]g': ][ [ Y'Ui Z'XYb'Di b\_h"'8]Y'I bhYfghØhni b[ 'XYf'c\_U'Yb

; Ya Y]bgW\UZh]ghi bUVX]b[ VUf'i bX`Uh'g]W\`VYfY]hg`VY]a `5i Zhf]hh  
XYf`A UbbgW\UZh`Ua `GhUXhZYgh[ YnY][ h"

6Yj cf`X]Y`J YfUbgH`hi b[ `ni `9bXY`[ ]b[ ž`XUb`hY`A cXYfUhc`f`G]a cb  
GW\cfbgH]b`XYa `HYUa a UbU[ Yf`>]b`<YddbYfž`gW\Yfn`UZh  
VYnØ[ `]W\`gY]bYg': Ø`fYfgW\Y]bgž`Ui W`k Ybb`X]YgYf`X]Y`DfØZ] b[  
bcW`j cf`g]W\`Uh`8 Ug`Di V`\_]i a `bU`a `Yg`a ]h`Y]bYa `@W\Yb`Ui Zž  
k Ug`XYf`ZYgh]W\Yb`Gh]a a i b[ `\_Y]bYb`5VVfi W`hUh"

## 9fk Ufhi b[ Yb`i bX`< YfUi gZcfXYfi b[ Yb

8]Y'; ]Y» Yb`(\* Yfg`ghY`Yb`j cf`Y]bYf`gdUbbYbXYb`GU]gcb`"9g`k ]fX  
Y]bY`]bhYfYggUbhY`NY]hž]b`XYf`XUg`HYUa `g]W\`bYi `Ui ZghY`hi bX  
nY][ hž`k Ug]b`]\a `ghYW`h`8]Y`bYi Yb`Gd]Y`Yf`i bX`XUg`HfU]bYfhYUa  
g]bX`a ch]j ]Yfh`i bX`VYfY]hž`U`Yg`ni `[ YVYb`"≠ b`Uhcj ]Wi bX`gY]b  
HYUa `gW\Y]bYb`Ui ZXYa `f]W\h][ Yb`K Y[ `ni `gY]bž`X]YgY`7`UbW`ni  
bi hnYb`i bX`]b`XYf`@[ U`i » `ni `ZUggYb`"; ]Y» Yb`]gh`VYfY]hž`X]Y  
@Y]XYbgW\UZh`ZØf`6Ug`\_YhVU`bYi `ni `YbhZUW\Yb`i bX`Y]b`? Ud]hY`  
j c`Yf`Ui ZfY[ YbXYf`Gd]Y`Y`i bX`i bj Yf[ Ygg`]W\Yf`A ca YbhY`ni  
gW\fY]VYb`"

8]Y'; ]Y» Yb`(\* Yfg`j Yf`\_ØfdYfb`b]W\h`bi f`XYb`6Ug`\_YhVU`gdcfh]b  
XYf`FY[ ]cbž`gcbXYfb`g]bX`Ui W`HY]`Y]bYg`[ fØ» YfYb`gcn]U`Yb  
BYhnc Yf`gž`XUg': Ubž`Gd]Y`Yf`i bX`X]Y'; Ya Y]bgW\UZh]j YfV]bXYh`  
Gc`W\Y`Gdcfhj YfY]bY`g]bX`Åi Z[ ]a Y`f`U`g`bi f`HYUa g`/g]Y  
Z] b[ ]YfYb`U`g'; Ya Y]bgW\UZhgnYbhYb`i bX`ZØfXYfb`gcn]U`Y  
≠bh[ fUh]cb`i bX`c`\_U`Y`≠XYbh]hÅh`8]Y': Ubž`Vf]b[ Yb`b]W\h`bi f  
Ya ch]cbU`Y`l bhYfghØhni b[ ž`gcbXYfb`Ui W`k ]fhgW\UZh]W\Y`a di `gY  
ZØf`c`\_U`Y`l bhYfbY`a Ybž`VYgcbXYfg`k Å`fYbX`XYf`Gd]Y`nY]hYb`"9]b  
]a a Yf`[ fØ» Yf`k YfXYbXYg': Ub!9b[ U[ Ya Ybhž`k ]Y`Yg`VY]`XYf  
DfÅgYbhUh]cb`XYf`bYi Yb`Hf]\_chg`XYi h]W\`k i fXYž`]gh`YbhgW\Y]XYbX  
ZØf`X]Y`Z]bUbn]Y`Y'; Ygi bX`Y]h`XYg`HYUa g`"

8]Y`J cfZFYi XY`Ui ZX]Y`\_ca a YbXY`GU]gcb`]gh]j cf`U`Ya `]a`<]bV`]W\_  
Ui ZX]Y`J YfÅbXYfi b[ Yb`]bbYf`U`V`XYf`A UbbgW\UZh`ni `gdØfYb`"  
HfU]bYf`≠ b`Uhcj ]W\Uh`Y]bY`\_UfY`J ]g]cbž`X]Y`Yf`a ]h`bYi Yb  
Gd]Y`YfU`\_ei ]g]h]cbYb`i a gYhnhž`i bX`X]YgYf`Zf]gW\Y`K ]bX`]gh`Ui W\  
ZØf`X]Y`Ni gW\Ui Yf`Y]b`YbhgW\Y]XYbXYf`5bfY]n`Gd]Y`Yf`k ]Y`A`UXYb

J i 7Wi bX J ]\_hcf?cj UWj ]Wg]bX`b]W h'bi f`hU`Ybh]YfhY`5h\`YhYbž  
gcbXYfb`Ui W`DYfgOb`]W\_Y]hYbž`X]Y`X]Y` : Ubg`Xi fW` ]\fY  
YbhgW`cggYbY`5fh`VY[ Y]ghYfb`"Ni XYa`g]bX`X]Y`[ YbUbbhYb  
Ni k`ÅW`gY`Ui g`XYa`6U`\_Ub`b]W h'bi f`Xi fW` ]\fY`gdcfh]W`Y  
@Y]ghi b[ gZÅ\][ \_Y]hž`gcbXYfb`Ui W` ]\fY`ghUf\_Y`a` YbhU`Y`9]bghY`i b[  
VY`\_Ubbh`

## 8 ]Y`F`c`Y`XYg`A`UbU[ Ya`Ybhg

9]b`k`Y]hYfYf`k`]W`h][ Yf`5gdY`\_h]gh`X]Y`F`c`Y`XYg`bYi`Yb  
; YgW`ÅZhgZ0`fYfg` ; i`]Xc`<YYfghfU`»`"GY]b`YfZc`[ fY]W`Yf`9]bgh]Y[  
k`]fX`YbhgW`Y]XYbX`gY]bž`i`a`X]Y` ; YgW`]W`\_Y`XYf` ; ]Y»`Yb`(\*Yfg  
k`Y]hYf`j`cfUbni`Vf]b[ Yb`"9f`VYhcbh`X]Y`B`ch`k`YbX][ \_Y]hž`X]Y  
8mbUa`\_]`a`HYUa`ni`j`YfghY`Yb`i`bX`g]W`\_U`h]j`]b`X]Y  
; Ya`Y]bgW`UZh`Y]bni`[ `]YXYfb`"9]b`YZZ`\_h]j`Yg`A`UbU[ Ya`Ybh`\_Ubb  
Yb[ YfY`6]bXi`b[ Yb`nk`]gW`Yb`Gd]Y`Yfb`i`bX` : Ubg`Z0fXYfb`i`bX  
[ `Y]W`nY]h][ `X]Y`Z]bUbni]Y`Yb` ; fi`bX`U[ Yb`XYg`J`YfY]bg`g]W`Yfb`

<YYfghfU`»`ghY`h`j`cf`XYf`<YfUi`gZcfXYfi`b[ ž`B]W`h'bi`f`X]Y  
K`]fhgW`UZh]W`\_Y]h`XYg`J`YfY]bg`ni`c`dh]a`]YfYbž`gcbXYfb`Ui`W`X]Y  
A`Uf`\_Y` ; ]Y»`Yb`(\*Yfg`ØVYf`X]Y`GU]gcb`]\]bUi`g`ni`gh`Åf`\_Yb`"  
≠bcj`Uh]j`Y`A`Uf`\_Yh]b[ ghfUhY[ ]Yb`\_ØbbhYb`Y`ZYbž`XUg`≠hYfYggY`]b  
XYf`F`Y[ ]cb`Ui`ZfYW`hni`Yf`U`hYb`i`bX`a`Ø[ `]W`Yfk`Y]gY`bYi`Y  
Gdcbgc`fYb`Ubni`n]Y`Yb`"8]Y`Df`ÅgYbhUh]cb`XYf`bYi`Yb`Hf]\_chg`Ui`Z  
XYa`GhUXhZY`gh]gh`VYfY]hg`Y]b`GW`f]hh]b`X]Y`f]W`h][ Y`F`]W`hi`b[ "

## J`YfV]bXi`b[ `ni`f` ; Ya`Y]bgW`UZh

8]Y`Ya`ch]cbU`Y`6]bXi`b[ `nk`]gW`Yb`XYb` ; ]Y»`Yb`(\*Yfg`i`bX`]\fYf  
5b`Åb[ YfgW`UZh]gh`VYa`Yf`\_Yb`gk`Yfh`"9g`]gh`b]W`hi`b[ Yk`Ø`b`]W`ž  
XUgg`Y]b`6Ug`\_YhVU`hYUa`]b`Y]bYf`GhUXh`U`g`≠Ybh]Z]\_Uh]cbgZ][ i`f  
Z`b[ ]Yfh`"8]Y`i`bhYfgh`Øhni`b[ `VY]`XYf`Df`ÅgYbhUh]cb`XYf`bYi`Yb  
Hf]\_chg`]gh`Y]b`6Yk`Y]g`Z0f`X]YgY`h]YZY`J`YfVi`bXYb`Y`h`"9]bY`gc`W`Y  
9bh`i`g]Uga`i`g`nY][ hž`XUgg`X]Y` : Ubg`X]Y`Gd]Y`Yf`b]W`h'bi`f`U`g  
Gdcfh`Yfž`gcbXYfb`Ui`W`\_U`g`HY]`]\fYf` ; Ya`Y]bgW`UZh`Ubgy`Yb`

8]YgY`XmbUa`]gW`Y`6Yn]Y`i`b[ `Uh]b`XYf`J`Yf[ Ub[ Yb`Y]h`Ui`W`ni  
g][ b]Z]\_UbhYb`gcn]U`Yb`≠]h]Uh]j`Yb`[ YZ0`fhž`VY]`XYbYb`X]Y` ; ]Y»`Yb`

( \*Yfg`U\_hj `ni f': ÒfXYfi b[ `j`cb`6]`Xi b[ `i`bX`#hY[ fUh]cb`]bbYf\U`V  
XYg`GhUXh[ YV]Yhg`VY][ YhfU[ Yb`\UVYb""Gc`W`Y`Dfc[ fUa a Y`\Y`ZYbž  
XUg`GdcfhhYUa `b]W`h`bi f`U`g`@Y]ghi b[ ghfÀ[ Yfž`gcbXYfb`Ui`W`U`g  
k ]W`h][ Yb`gcn]U`Yb`5\_hYi f`ni `dcg]h]cb]YfYb"

8YhU]`g

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