

Mc [ U'ZØf'U''Y.'9]bZØ\fi b[ 'i bX', Vi b[ Yb

Mc [ U'ZØf'U''Y.'9]bZØ\fi b[ 'i bX', Vi b[ Yb'Mc [ U']gh'Y]bY  
ϰ\fhUi gYbXY'U'hY'DfUI ]gž'X]Y'\fYb'f fgdfi b[ 'b'ϰX]Yb'\Uh"  
9g']gh'Y]bY '[ Ubñ\Y]h]WXY'A Yh\cXYž'X]Y'? ÒfdYfž'; Y]ghi bX  
GYY'Y '[ 'Y]WXYfa U» Yb'Ubgdf]W'h''Mc [ U'\_Ubb'j cb'A YbgWXYb  
YXYb'5'hYfg'i bX': ]hbYgg'Yj Y'g'dfU\_h]n]Yfh'k YfXYb'i bX'V]YhYh  
Y]bY'J ]Y'nU''j cb'[ Ygi bX\Y]h]WXYb'J cfhY]Yb''ϰX]YgYa  
5fh]\_Y''YfZU\fyb'G]Y'a Y\ f'ØVYf'X]Y'; fi bX'U[ Yb'XYg'Mc [ U  
i bX'Y]b][ Y'Y]bZUWXY', Vi b[ Ybž'i a 'XUa ]hini 'VY[ ]bbYb''K Ug  
]gh'Mc [ U3'Mc [ U']gh'Y]bY'DfUI ]gž'X]Y'g]WXY'Ui Z'\_ÒfdYf'WXYž  
[ Y]gh][ Y'i bX'gd]f]hi Y''Y', Vi b[ Yb'\_cbñYbhf]Yfh''9g'[ Y\h  
XUfi a ž'\_ÒfdYf'WXY'6Yk Y[ i b[ ž'VYk i gghY'5ha i b[ ž  
9bhgdUbbi b[ 'i bX'A YX]hUh]cb'ni '\_ca V]b]YfYbž'i a  
\_ÒfdYf'WXY'; Ygi bX\Y]hi bX'[ Y]gh][ Yg'K c'\VYZ]bXYb  
/ Ua d^Y''d/



Mc [ U'ZØf'U''Y.'9]bZØ\fi b[ 'i bX', Vi b[ Yb

Mc [ U']gh'Y]bY ϰ\fhUi gYbXY'U'hY'DfUI ]gž'X]Y'\fYb'f fgdfi b[ 'b

ϕX]Yb` \Uh" 9g`]gh`Y]bY` [ Ub n\Y]h]WXY`A Yh\cXYž`X]Y`? ŐfdYfž; Y]gh  
i bX`GYY`Y` [ `Y]WXYfa U» Yb`Ub gdf]W h" `Mč [ U`\_Ubb`j cb`A YbgWXYb  
`YXYb`5`hYfg`i bX` : ]hbYgg`Yj Y`g`d`fU\_h]n]Yfh`k YfXYb`i bX`V]YhYh`Y]bY  
J]Y`nU\`j cb` [ Ygi bX\Y]h]WXYb`J c`fhY`Yb" `ϕ`X]YgYa` 5fh`\_Y`  
YfZU\ fYb`G]Y`a Y`f`ØVYf`X]Y` ; fi bX`U [ Yb`XYg`Mč [ U`i bX`Y]b [ Y  
Y]bZUWXY` , Vi b [ Ybž`i a` XUa` ]h`ni` VY [ ]bbYb"

## K Ug`]gh`Mč [ U3

Mč [ U`]gh`Y]bY`DfUI ]gž`X]Y`g]WXY`Ui Z`\_ŐfdYf`]WXYž` [ Y]gh [ Y`i bX  
gd]f]h`i Y`Y` , Vi b [ Yb`\_cbnYbhf]Yfh" 9g` [ Y`h`XUfi a` ž`\_ŐfdYf`]WXY  
6Yk Y [ i b [ ž`VYk`i gghY`5ha`i b [ ž`9bhgdUbbi b [ `i bX`A YX]hUh]cb`ni  
\_ca`V]b]YfYbž`i a` \_ŐfdYf`]WXY` ; Ygi bX\Y]h`i bX` [ Y]gh [ Yg  
K c\`VYZ]bXYb`ni` ZŐfXYfb" `a` A ]hY`di b`h`XYg`Mč [ U`ghY\`h`X]Y  
J YfV]bXi b [ `j cb`? ŐfdYfž; Y]gh`i bX`GYY`Y"

## 8]Y`J c`fhY`]Y`j cb`Mč [ U

Mč [ U`\Uh`Y]bY`J ]Y`nU\`j cb`J c`fhY`]Yb`ZŐf`XYb`? ŐfdYf`i bX`XYb  
; Y]gh" < ]Yf`g]bX`bi`f`Y]b [ Y`XYf`j ]Y`Yb`d`cg]h]j Yb`5i`gk ]f`\_i b [ Ybž  
X]Y`Mč [ U`\UVYb`\_Ubb.

`GhÅf`\_i b [ `XYf`A`i`g`\_Y`b`i bX`J YfVYggYfi b [ `XYf  
: `YI ]V`]hÅh. `8i`fW`X]Y`j YfgW]YXYbYb`Mč [ U! , Vi b [ Yb`k YfXYb  
X]Y`A`i`g`\_Y`b` [ Y`fÅZh] [ h`i bX` [ YXY\`bhž`k Ug`ni`Y]bYf`j YfVYggYfYb  
? ŐfdYf\`U`hi b [ ž: `YI ]V`]hÅh`i bX`? fUZh`ZŐ\`fh"

`GhfYggUVVUi`i bX`9bhgdUbbi b [ .`Mč [ U`VY]b\`U`hYh  
5hYa`hYW`b]\_Yb`i bX`A YX]hUh]cbž`X]Y`XUni`VY]hfU [ Yb`\_ŐbbYbž  
GhfYgg`UVni`VUi`Yb`i bX`XYb` ; Y]gh`ni`VYfi` \ [ Yb" `8]YgY`DfU\_h]\_Yb  
\_ŐbbYb`ni`Y]bYf`h]YZfYb`9bhgdUbbi b [ `i bX`Y]bYa`VYggYfYb  
GW`UZ`ZŐ\`fYb"

`J YfVYggYfi b [ `XYf`? ŐfdYf\`U`hi b [ .`J]Y`Y`A YbgWXYb`\UVYb  
Ui Z [ fi bX`XYg`a`cXYfbYb`@VYb`gg]`g`gW`YW`hY`? ŐfdYf\`U`hi b [ Yb  
Yb`hk ]W`\_Y`h" `Mč [ U`\_Ubb`XUVY]` \Y`ZYbž`X]Y`K ]fVY`gÅi`Y`Ui`gni`f]W`hYb

i bX`X]Y`? ÒfdYf\U`hi b[ `ni `j YfVYggYfb"

`GhÀf\_i b[ `XYg`=a a i bgmghYa g. `FY[ Y`a À» ][ Yg`Mç[ U`\_Ubb`XUg  
=a a i bgmghYa `ghÀf\_Yb`i bX`X]Y`5Vk Y`f\_fÀZhY`XYg`? ÒfdYfg  
j YfVYggYfb"8 ]Yg`\_Ubb`XUni `VY]hfU[ Ybž`X]Y`5bZÀ`][ \_Y]h`ZØf  
?fUb`\_Y]hYb`ni `fYXi n]YfYb"

`J YfVYggYfi b[ `XYf`? cbnYbhfUh]cb`i bX`XYg`: c\_i g. `Mç[ U  
VY]b\U`hYh`Ui Wk` [ Y]gh][ Y` , Vi b[ Yb`k ]Y`A YX]hUh]cbž`X]Y`XUni  
VY]hfU[ Yb`\_ÒbbYbž`X]Y`? cbnYbhfUh]cb`i bX`XYb`: c\_i g`ni  
j YfVYggYfb"8 ]Yg`\_Ubb`g]Wk`d cg]hj `Ui ZX]Y` [ Y]gh][ Y  
@Y]ghi b[ gZÀ`][ \_Y]h`Ui gk ]f\_Yb"

### K ]Y`ZUb[ Y`]Wk`a ]h`Mç[ U`Ub 3

K Ybb`G]Y`a ]h`Mç[ U`VY[ ]bbYb`a ÒWk`hYbž`[ ]Vh`Yg`Y]b`dUUF`Y]bZUWk`Y  
Gk`f]hhYž`X]Y`G]Y`VYZc`[ Yb`\_ÒbbYb.

%": ]bXYb`G]Y`Y]bYb` [ YY][ bYhYb`Cfh. `K À\`Yb`G]Y`Y]bYb  
fi \][ Yb`Cfhž`Ub`XYa`G]Y`g]Wk`k c`i bX`i b[ YghÒfh`ZØ\`Yb"9g`\_Ubb  
\]ZfY]Wk`gY]bž`Y]bY`Mç[ U!A UhhY`cXYf`Y]bY`k Y]Wk`Y`I bhYf`U[ Y`ni  
j Yfk YbXYb"

&"@Y[ Yb`G]Y`Y]b`NY]hZYbghYf`ZYgh. `BY\`a Yb`G]Y`g]Wk`NY]h`ZØf  
Mç[ U`i bX`a UWk`Yb`G]Y`Yg`ni `Y]bYf`fY[ Y`a À» ][ Yb`DfUI ]g"GY`Vgh  
%\$!%) `A ]bi hYb`dfc`HU[ `\_ÒbbYb`Y]bYb`I bhYfgk]YX`a UWk`Yb"

' "K À\`Yb`G]Y`X]Y`f]Wk`h][ Y`?`Y]Xi b[ . `9bhgWk`Y]XYb`G]Y`g]Wk`ZØf  
VYeI Ya Y`?`Y]Xi b[ ž`X]Y`=bYb` [ YbØ[ YbX`6Yk Y[ i b[ gZfY]\Y]h  
Yfa Ò[ `]Wk`h"J Yfa Y]XYb`G]Y`Yb[ Y`cXYf`Y]bgWk`fÀb\_YbXY`?`Y]Xi b[ "

( "`6Y[ ]bbYb`G]Y`\_Ub[ gUa . `5`g`5bZÀb[ Yf`]gh`Yg`k ]Wk`h][ ž`\_Ub[ gUa  
ni `VY[ ]bbYb`i bX`=fYb`? ÒfdYf`ni `fYgdY`\_h]YfYb"K À\`Yb`G]Y  
Y]bZUWk`Y` , Vi b[ Yb`Ui g`i bX`Yf\Ò\Yb`G]Y`X]Y`=bhYbg]hÀh`U`a À\`]Wk`"

9]bZUWk`Y`Mç[ U! , Vi b[ Yb`ZØf`5bZÀb[ Yf

< ]Yf'g]bX'Y]b][ Y'Y]bZUWXY'Mc [ U! , Vi b [ Ybž'X]Y'ZØf'5bZÄb [ Yf  
[ YY][ bYh'g]bX.

%" HUXUgUbU'f6Yf [ d c gYŁ. 'GhY\Yb'G]Y'Ui ZfYW'h'a ]h'XYb': Ø» Yb  
ni gUa a Yb'i bX'XYb'5fa Yb'Ub'XYb'GY]hYb"< YVYb'G]Y'X]Y'5fa Y  
ØVYf'XYb'?cdZi bX'ghfYW\_Yb'G]Y'g]W' bUW'cVYb"'6`Y]VYb'G]Y' ]b  
X]YgYf'Dcg]h]cb'ZØf'Y]b'dUUf'5hYa nØ [ Y'i bX' \_Y\ fYb'G]Y'XUbb'ni f  
5i g[ Ub[ gdcg]h]cb'ni fØW\_ "

&" 6U`UgUbU'f? ]bXYg\U`hi b [ Ł. 'GYhYb'G]Y'g]W'Ui Z'X]Y': YfgYb  
i bX'VYi [ Yb'G]Y'XYb'cVYf\_ØfdYf'bUW' j cfbYž'V]g' ÆfY'Gh]fb'XYb  
6cXYb'VYfØ\fh"'8]Y'5fa Y'\_ØbbYb'Ybhk YXYf'j cf' ÆbYb' [ YghfYW\_h  
cXYf'Ybh'Ub[ 'XYg'?ØfdYfg'Ui g[ YghfYW\_h'gY]b"< U'hYb'G]Y'X]Y  
Dcg]h]cb'ZØf'Y]b'dUUf'5hYa nØ [ Y'i bX' \_Y\ fYb'G]Y'XUbb'ni f  
5i g[ Ub[ gdcg]h]cb'ni fØW\_ "

' "Gi \_\ UgUbU'f@Y]W'hY'GW' bY]XYfg]hnŁ. 'GYhYb'G]Y'g]W'Ui Z  
XYb'6cXYb'i bX'\_fYi nYb'G]Y'X]Y'6Y]bY"< U'hYb'G]Y'XYb'FØW\_Yb  
[ YfUXY'i bX'fi \Yb'G]Y' ÆfY'< ÄbXY'Ui Z'XYb'?b]Yb"'5ha Yb'G]Y'fi \][  
i bX' [ 'Y]W'a Ä» ][ "

( "5X\c'A i \_\ U'Gj UbUgUbU'fk YfUVgW'Ui YbXYf'<i bXŁ.  
6Y [ ]bbYb'G]Y' ]b'Y]bYf'J ]YfZØ» `Yf d c g]h]cb'i bX'\YVYb'G]Y'XUbb'X]Y  
<ØZhYb'bUW'cVYbž'V]g' Æf'?ØfdYf'Y]b'i a [ YXfY\hYg' J 'V]'XYh"'8]Y  
<ÄbXY'i bX': Ø» Y'gc`hYb'ZYgh'Ui Z'XYa '6cXYb'ghY\Yb"< U'hYb'G]Y  
X]Y'Dcg]h]cb'ZØf'Y]b'dUUf'5hYa nØ [ Y'i bX' \_Y\ fYb'G]Y'XUbb'ni f  
5i g[ Ub[ gdcg]h]cb'ni fØW\_ "

< Äi Z][ '[ YghY`hY': fU[ Yb'ni 'Mc [ U

%" K ]Y'cZh'gc`hY']W' 'Mc [ U'a UWXYb3

: Øf'5bZÄb [ Yf']gh'Yg'Ya dZY\`Yb'gk Yfhž'a ]bXYghYbg'&!' 'a U'dfc  
K cWY'a ]h'Mc [ U'ni 'VY [ ]bbYb"'G]Y'\_ØbbYb'X]Y'<Äi Z][ \_Y]h'a  
@Ui ZY'XYf'NY]hYf\Ø\Ybž'Y'bUWXYa žk ]Y'g]W' Æf'?ØfdYf'UbdUggh'

&" 6fUi W'Y']W'gdYn]Y`Yg'9ei ]da Ybh'ZØf'Mc [ U3

: Øf'Mc[ U'VYbÖh][ Yb'G]Y'a ; fi bXY'[ Ybca a Yb'bi f'Y]bY  
VYeI Ya Y'I bhYf'U[ Yž'k ]Y'ni a '6Y]gd]Y''Y]bY'Mc[ U!A UhY''9]b][ Y  
A YbgWYb'VYj cfni [ Yb'Ui W'6'ÖW\_Yž; i fhY'cXYf'?]ggYbž'i a  
VYgh]a a hY', Vi b[ Yb'ni 'i bhYfghØhnYb"

' ''? Ubb'Mc[ U'VY]'F ØW\_YbgW a YfnYb '\Y`ZYb 3

ž'ž'Mc[ U'\_Ubb'VY]'F ØW\_YbgW a YfnYb '\Y`ZYbž']bXYa 'Yg'X]Y  
A i g\_Y'b'ghÅf\_hi bX'X]Y: 'YI ]V]'hÅh'j YfVYggYfh''9g']gh'k ]W'h][ ž  
XUgg'G]Y'g]W'j cf\Yf'j cb'Y]bYa '5fnh'cXYf'D\mg]ch\YfUdYi hYb  
VYfUhYb''UggYbž'i a 'g]W'Yfni ghY''Ybž'XUgg'G]Y'X]Y'f]W'h][ Yb  
, Vi b[ Yb'a UWYb"

( ''? Ubb'Mc[ U'a ]f'\Y`ZYbž; Yk ]W'h'ni 'j Yf`]YfYb 3

Mc[ U'\_Ubb'VY]'XYf'; Yk ]W'hgUVbU\ a Y'\Y`ZYbž']bXYa 'Yg'XYb  
GhcZk YW'gY''Ub\_i fVY'h'i bX'XYb'? ØfdYf'ghfUZh''9g']gh'YXcW  
k ]W'h][ ž'XUgg'G]Y'Ui W'Y]bY' [ Ygi bXY'9fbÅ\fi b[ 'i bX'fY[ Y'a Å» ][ Y  
\_ØfdYf`]W'Y'5\_h]j ]hÅh'VY]VY\U'hYbž'i a 'cdh]a U'Y'9f[ YVb]ggY'ni  
Yfn]Y'Yb"

: Un]h

Mc[ U']gh'Y]bY'k i bXYfVUFY'DfUI ]gž'X]Y'j cb'A YbgWYb'YXYb'5'hYfg  
i bX': ]hbYgg'Yj Y'g' [ YbcggYb'k YfXYb'\_Ubb''9g'V]YhYhinU'\fY]W'Y  
J cfhY]'Y'ZØf'XYb'? ØfdYf'i bX'XYb'; Y]gh'i bX'\_Ubb'\Y`ZYbž'GhfYgg  
UVni VUi Ybž'X]Y: 'YI ]V]'hÅh'ni 'j YfVYggYfb'i bX'X]Y'U''[ Ya Y]bY  
\_ØfdYf`]W'Y'i bX'[ Y]gh][ Y'; Ygi bX\Y]h'ni 'ZØfXYfb''8i fW'X]Y  
fY[ Y'a Å» ][ Y'DfUI ]g'j cb'Mc[ U'\_ÖbbYb'G]Y'g]W'VYggYf'ZØ\Yb'i bX  
Y]b'\Ø\YfYg'A U» 'Ub'\_ØfdYf`]W'Ya 'i bX'[ Y]gh][ Ya 'K c'\VYZ]bXYb  
YffY]W'Yb''5'gc'k Ufi a 'b]W'h'bcW'\Yi hY'a ]h'Mc[ U'VY[ ]bbYb 3

6Ygi W\Yb`G]Y`i bg`Ui Z.`a Y]b!Z]hbYgg"bYh