

8 f]b[ YbXYf' < UbX`i b[ gVYXUfZ. ': F 9=9  
K Ÿ < @9F `ni f`A ] [ fUh]cbg\_f]gY` ]b`XYf`9I

9fZU\fyb`G]Y`a Y\ f`ØVYf`X]Y` : cfXYfi b[ Yb`XYf` : F 9=9B  
K Ÿ < @9F `ni f`6Yk `À`h] [ i b[ `XYf`A ] [ fUh]cbg\_f]gY` ]b`XYf`9I "  
9i fcdUUUV[ YcfXbYhYf`9b[ ]b`9fc[ `i` `VYhcbh`X]Y  
Bchk YbX] [ \_Y]hž`F`ØW`ZØ\fi b[ Yb`ni` `VYgW`Yi b] [ Yb`i bX  
5gmj YfZU\fyb`YZZY`\_h] Yf`ni` [ YghU`hYb`"9bhXYW`Yb`G]Y`X]Y  
nYbhfU`Yb` < YfUi gZcfXYfi b[ Yb`i bX`@Øgi b[ Yb`ZØf`Y]bY  
[ Yn]Y`hY`GhYi Yfi b[ `XYf`A ] [ fUh]cb"



8 f]b[ YbXYf`K YW\_fi ZUi g`6Yf`]b`8]Y`A ] [ fUh]cbg\_f]gY` ]b`9i fcdU  
YffY]W`h`Y]bYb`\_f]h]gW`Yb`Di b`\_hž`i bX`X]Y` : F 9=9`K Ÿ < @9F  
j Yf`Ub[ Yb`Yhnh`YbhgW`cggYbY`A U» bU\`a Yb`9i fcdUUUV[ YcfXbYhYf`  
9b[ ]b`9fc[ `i` `A X9D`fF`YbYk`9i fcdYž: F 9=9`K Ÿ < @9F`Ł`gW`À [ h  
5`Ufa .`9g`\_Ubb`b]W`h`gY]bž`XUgg`X]Y`A ] [ fUh]cbg`cbhfc`Y`Yfgh`]a  
=bYfYb`XYf`9I` `VY [ ]bbhž`k`À\fybX`X]Y`A YbgW`Yb``Àb [ ghi bgYfY  
; fYbnYb`ØVYfgW`fY]hYb` `5`\_hj`Y` ; fYbn`cbhfc`Yb`i bX`Y]bY`\_`UfY  
GhfUHy [ ]Y`g]bX`bØh] [ ž`i bX`XUg`gcZcfh`

9]bY'G]hi Uh]cbž'X]Y'b]W\h'Àb[ Yf'\]b[ Ybca a Yb'k YfXYb'\_Ubb°  
9fc[ 'i'ZcfXYfhž'XUgg'X]Y'?`Àfi b[ 'XYg'<Yf\_i bZhg!'cXYf'GhUhi g'XYf  
A ][ fUbhYb'Ub'XYb'5i » Yb[ fYbnYb'XYf'9i fcdÀ]gW\Yb'i b]cb'  
VYggYf'bcW\]b'8f]hhghUUhYb' 'ghUhhZ]bXYb'a i gg" K ]f'VfUi W\Yb  
d\mg]gW\Y'5i » Yb[ fYbnYb'i bX'i a ZUggYbXY'Z]bUbn]Y''Y'gck ]Y  
X]d`ca Uh]gW\Y'I bhYfghØhni b[ 'XYf'9I ži a 'XYb'8fi W\_ni  
fY[ i 'YfYb°

## F ØW\_ZØ\fi b[ Yb']a ' : c\_i g

8]Y'nYbhfU'Y : cfXYfi b[ . 'J YfghÀf\_hY'F ØW\_ZØ\fi b[ Yb''5bgW\Y]bYbX  
]gh'X]Y'9I 'VY]Y]bYa 'Xf]b[ 'W\Yb'H\Ya U'gY]h'&\$%) 'd'Ub`cg'' a  
A ][ fUh]cbg!'i bX'5gm'dU\_Yh'ZY'h'X]Y'F ØW\_ZØ\fi b[ 'U'g'nYbhfU'Y  
?ca dcbYbhY''9]b']bU\_nYdhUV'Yf'Ni ghUbX° žYa dØfh'g]W\9fc[ 'i "  
8]Y''Ub[ k ]Yf][ Yb'5gmj YfZU\fyb'i bX'X]Y'a ]W\_f][ Y  
F ØW\_ZØ\fi b[ gei chY'g]bX'b]W\h'a Y\ f'hfU[ VUf°'8]Y : fY]\Y]hž  
G]W\Yf\Y]hi bX'CfXbi b[ 'b'8Yi hgW\UbX'ghY\Yb'Ui ZXYa 'Gd]Y''

8]Y : F 9⇒K Y' < @9F'gYhnYb'Ui ZHYa dc.' 5gmj YfZU\fyb'a ØggYb  
VYgW\Yi b][ h'k YfXYb°'F ØW\_ZØ\fi b[ Yb'a ØggYb'a Ugg]j  
Ui g[ Yk Y]hYh'k YfXYb° 'I bX'k À\fybX'X]Y'6Y\ØfXYb'nØ[ Yfbž'g]bX  
X]Y'5gm'gi W\YbXYb']b'Y]bYf'K UfhYgW\Y]ZY' [ YZUb[ Ybž'X]Y'b]Ya UbX  
a Y\ f'\]bbY\ a Yb'k ]''9Z]n]Ybn'i bX'\_UfY'F Y[ Y'b'g]bX  
i bj Yfn]W\hVUfž'i a 'XYb'A ][ fUh]cbgXfi W\_ni 'nÀ\ a Yb''

## ⇒bhY [ fUh]cb'gcZcfh'i a gYhnYb°

8cW\XUg']gh'b]W\h'U''Yg°'9fc[ 'i'VYhcbh'Ui W\X]Y'Bchk YbX][ \_Y]h  
Y]bYf'gW\Yb''Yb'⇒bhY [ fUh]cb']b'XYb'5fVY]hga Uf\_h'' K ]f'a ØggYb  
XYb'A ][ fUbhYb'Y]bY'\_cb\_fYhY'DYfgdY\_h]j Y']b'8Yi hgW\UbX'V]YhYb°  
K ]f'VYbØh][ Yb'gcZcfh][ Y'A U»bU\ a Ybž'i a 'X]Y']bbYfY'G]W\Yf\Y]h  
ni 'ghÀf\_Yb'i bX'XUg'J YfhfUi Yb'XYf'6Øf[ Yf']b'X]Y  
A ][ fUh]cbgghYi Yfi b[ 'k ]YXYf\Yfni ghY''Yb" žZcfXYfh'XYf  
9i fcdUUUV[ YcfXbYhY'Y]bXf]b[ 'W\ "

9g']gh'\ØW\ghY'NY]h'ZØf'Y]bY'\_UfY'i bX'YbhgW\cggYbY'Dc`h]\_ž'X]Y  
gck c`\X]Y'\i a Ub]hÀfYb'5gdY\_hY'U'g'Ui W\X]Y  
G]W\Yf\Y]hgVYXYb\_Yb'XYf'6Øf[ Yf'Yfbgh'b]a a h''8]Y : F 9⇒

K Ÿ<@9F 'ghY\Yb'Ub'XYf': fcbh]b]Y'ja '?Ua dZi a 'Y]bY'YZZY\_h]j Y  
A ][ fUh]cbgghYi Yfi b[ ' 'i bX'XUg'a i gg'gcZcfh'[ YgWXY\Yb°

: Øf'X]Y': F 9→9'K Ÿ<@9F.'9]\_Y'>Ub'6fUbXUi ž'6YUi ZhfU[ hYf'ZØf  
DfYggY'i bX'² ZZYbh]W\_X]hgUfVY]hž'A Ø\`YbghfU» Y`%' ž'&++++  
; UbXYf\_YgYYž'HY`YZcb.'\$( &&&!- \*) - ' ' \$

8YhU]`g

6Ygi WXYb'G]Y'i bg'Ui Z.'a Y]b!VYf`]b"bYh