

%%\$ \$' >U\ fY' = 5. ; fÖ» hY 'A YggY 'ZØf  
I bhYf\ U`hi b[ gY`Y\_hfc b]\_ ]b`6Yf`]b

5a : fY]hU[ 'ÖZzbYh'X]Y' = 5`6Yf`]b`a ]h`%", \$\$`5i gghY`Yfb`]fY  
HØfYb`ZØf`Df]j UhVYgi WXYf" '<][ \`][ \h`6i bXYg\_Ubn`Yf`GWc`n  
VYgi W`h`XUg`9j Ybh"

8]Y' = 5`]b`6Yf`]b`ÖZzbYh`Ua : fY]hU[ `]\fY`HØfYb`ZØf`Df]j UhVYgi WXYf  
i bX`ZY]Yfh`XUVY]`Y]b`[ Ubn`VYgcbXYfYg`> V]`Äi a : 8]Y`A YggY`ž`X]Y  
U`g`X]Y [ fÖ» hY`9i fcdUg`ZØf`I bhYf\ U`hi b[ gY`Y\_hfc b]\_`i bX  
<Ui g\ U`hghY`W`b]\_ [ ]`h`ž`k ]fX`%\$ \$' >U\ fY`U`h`5V`%\$`I \f`\_ÖbbYb  
HY`W`b]\_VY[ Y]ghY`fhY`i bX`>bhYfYgg]Y`fhY`X]Y`bYi YghYb`>bcj Uh]cbYb  
Ui g`XYf`6fUb`W`Y`YbhXY`W`Yb"

>X]YgYa : >U\ f`Yfk UfhYb`X]Y`J YfUbghU`hYf`a Y\ f`U`g`%, &"\$\$\$  
6Ygi WXYf]bbYb`i bX`6Ygi WXYf" `8Yf`bYi Y`G`c [ Ub`>bcj Uh]cb`ZØf  
U`Y` `gc`X]Y`A YggY`b]W`h`bi f`Øb [ Yf`ž`gcbXYfb`Ui W`  
]bhYfbUh]cbU`Yf` [ YghU`hYb" `8]Y' = 5`V]YhY`h`b]W`h`bi f`hY`W`b]gW`Y  
BYi \Y]hYb`ž`gcbXYfb`Ui W`Y]b`i a ZUb [ fY]W`Yg`F`U`a Ybdfc [ fUa a "  
5a : fY]hU[ `k ]fX`6i bXYg\_Ubn`Yf`C`U`Z`GW`c`n`fGD8`E`Yfk UfhYh" `9f  
k ]fX`j cb`dfca ]bYbhYb`DYfg`Öb`]W`\_Y]hYb`k ]Y`XYa`F`Y [ ]YfYbXYb  
6Øf [ Yfa Y]ghYf`? U]`K`Y [ bYf`f78I`E`i bX`K ]fhgW`U`ZhggYbUhc]b  
: fUbn]g\_U` ; ]ZYm`fGD8`E`VY [ `Y]hY`h`ž`X]Y`YVYbZU`g`Ub` : Ø`fi b [ Yb  
hY]`bY`a Yb`k YfXYb"

HY`W`b]gW`Y`B`Yi Yfi b [ Yb`i bX`\_`i` `hi fY`Y`g  
Dfc [ fUa a

8]Y' = 5` \Uh`g]W`ØVYf`X]Y`>U\ fY`k Y]hYfYb`hk ]W`\_Y`hi bX`df`ÄgYb`h]Yfh  
V]g`8]Yb`ghU [ `nU\`fY]W`Y`hY`W`b]gW`Y`<][ \`][ \hg`Ui Z`XYa`6Yf`]bYf  
A YggY [ Y`ÄbXY" '< ]Yf`\_ÖbbYb`6Ygi WXYf`X]Y`bYi YghYb`HfYbXg`i bX  
DfcXi`\_hY`XYf`Ni`\_i bZi`U`i hbU\`Yf`YVYb" `8]Y`DfY]gY`ZØf

HU[ Ygh]W\_Yhg'g]bX'a ]h'+ '9i fc 'ZØf'Df]j UhVYgi W\Yf'UV'%'\* 'Δ\ fYb  
gck ]Y'Yfa Å» ][ hYb'DfY]gYb'j cb'bi f'%'\$ '9i fc 'ZØf'Ghi X]YfYbXY'gY\ f  
a cXYfUh'[ YghU'hYh"?' ]bXYf'i bhYf'%'\* 'Δ\ fYb'XØfZYb' \_cgYb'cg'Ub  
X]Y'A YggYž'k Ug'g]Y'ni 'Y]bYa 'ZJa ']YbZFYi bX'W\Yb'9fY][ b]g  
a UW\h"

9]b'k Y]hYfYf'< Ò\Ydi b\_h'XYf'A YggY' ]gh'XUg'j ]Y'ZÀ'h][ Y  
A i g]\_dfc[ fUa a žXUg'ZØf'l bhYf\U'hi b[ 'gcf[ h"l bhYf'UbXYfYa  
k ]fX'XYf'\_UbUX]gW\Y'GÅb[ Yf'6fmUb'5XUa g'a ]h'Y]bYa '?cbnYfh  
Ui ZhfYhYb"Ni gÅhn'W\Z]bXYh'Ua 'GcbbhU[ UVYbX'Y]bY'@] Y!  
5i ZnY]W\bi b[ 'XYg'VY' ]YVhYb'DcXWUghg' : Ygh' / ' : 'Ui gW][ 'a ]h'Δ]b  
6Ò\ a Yfa Ubb'i bX'C'' ]G\i 'n'ghUhhž'k Ug'ZØf'j ]Y'Y' : Ub'g'Y]b' [ Ubn  
VYgcbXYfYg'9f'YVb]g'XUfghY''Yb'k ]fX"

A ]h'XYf' ÷ 5'k ]fX'b]W\h'bi f'X]Y'J YfV]bXi b[ 'j cb'9'Y\_hfcb]\_ 'i bX  
l bhYf\U'hi b[ 'nY'YVf]Yfhž'gcbXYfb'Ui W\X]Y'HfUX]h]cb' i bX  
÷bcj Uh]cbg\_fUZh'XYf'6fUbW\Y''8Yf' ÷Xi ghf]Y' ]gh'Yg'[ Y'i b[ Ybž  
Xi fW\ \_cbh]bi ]Yf' ]W\Y'5bdUggi b[ 'Ub'X]Y'6YXØfZb]ggY'XYf  
J YfVfUi W\Yf'i bX'XYb'hYW\bc'c [ ]gW\Yb' : cfhgW\ f]hh'ghÅbX][ 'bYi Y  
÷a di 'gY'ni 'gYhnYb"8]Y'A YggY'YfnÅ\ 'h; YgW\ ]W\hYb'j cb'K UbXY'  
i bX' : cfhgW\ f]hh'i bX'V]YhYh'Y]bYb'5i gV' ]W\_'Ui Z'X]Y'HYW\bc'c [ ]Ybž  
X]Y'i bgYf'@YVYb' ]b'Ni \_i bZh'dfÅ[ Yb'k YfXYb"

8]Y' ÷ 5' ]gh'b]W\h'bi f'Y]bY'D'UhhZcfa 'ZØf'< YfghY''Yf'i bX'< ÅbX'Yfž  
gcbXYfb'Ui W\Y]b'Cfh'XYf' ÷gd]fUh]cb' i bX'6Y[ Y[ bi b[ 'ZØf  
' : 'Y]W\ [ Yg]bbhYž'X]Y'g]W\ZØf'X]Y'bYi YghYb'HfYbXg'i bX  
HYW\bc'c [ ]Yb' ]bhYfYgg]YfYb" ÷Y]bYa 'NY]hU'hYfž' ]b'XYa  
HYW\bc'c [ ]Y'a a Yf'a Y\ f'HYW\b]\_ ]b' i bgYfYb'5''hU[ ' ]bhY[ f]Yfhž  
[ Yk ]bbh'X]Y' ÷ 5' [ 'Y]W\Yfa U» Yb'Ub'6YXYi hi b[ 'i bX'FY'Yj Ubn' ]b  
XYf'Yi fcdÅ]gW\Yb'A YggY!@UbXgW\UZh"

8YhU]`g

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