

# =ba ][ fUM]i b 9gi X]Uf



## 9gi X]Uf !' i b]j Yfg]XUX

: ]b`UbXAg

<Ui U]g]b`u\_YUm]cd]g`ccb"  
=bX]Wf`ei Y`ei ]YfYg`a Uf]W`UfY

8UbAg

>Y[ j ]`[ YfbY]bXg\_f]j YgdA`Yhi b]j Yfg]hYh'

<Ui Ub`u\_YUSSSSSSSS"

=bX]Wf`ei Y`ei ]YfYg`a Uf]W`UfY`Yb`i bU]g][ b]hi fU

>Y[ j ]`[ YfbY`g]`Y`Z]`YhiSSSSSSSSSSSSSS"

\_UbX]XU]b`c`Y`a Ub

H]dc`XY`a UfE`W`U

VUWY`cf

^h\_c!cd]b]c]\]b

H]dc`XY`a UfE`W`U

\_UbX]XU]gi XYfYbXY

h\_c]h\_c]b`c`Y`a Ub

H]dc`XY`a UfE`W`U

d\`X`!gi XYfYbXY

h`A]g]U]\_U]g]Yb`c`Y`a Ub

H]dc`XY`a UfE`W`U

Z`X]Xg

cg]U]\_U]g]Yb`c`Y`a Ub

H]dc`XY`a UfE`W`U

XY]Xg

j Yf\_cg]U`\_A]h]A] AAb`c`Y`a Ub

H]dc`XY`a UfE`W`U

cb`]bY

<Ui U]g]b`cd]g\_Y`U`m]cd]g`c`UbY`SSSSSSSSSS"

=bX]Wf`U`Xi fUM]i b`XY`h`i`dYf]cXc`XY]b]hYfW]a V]c

>Y[ j ]`[ YfbY`gi XYfY`dA`XYhY`i b]j Yfg]hYh`]`SSSSSSSSSSSS"

`i`\_j`\_U`XYb

8i fUM]i b`XY`U`Yg]ubV]U`Yb`U`i b]j Yfg]XUX`XY`XYg]bc

Yng]a YgYf

`i`\_j`i`cXYb

8i fUM]i b`XY`U`Yg]ubV]U`Yb`U`i b]j Yfg]XUX`XY`XYg]bc

Yng]i X]YAf

Cb\_c`cd]g\_Y`]c`]Y`c`]h]U]b`fU`c`]h]U]m]O]Cb

]h]m]Yb3

=bZcfa UfY`XY`Ug]fYg]f]W]cbYg`UwcfU`Yg]dUfU`Ygi X]UbYg

<j UX`Yf`UfVY`Xg]fYg]f`\_h]cbYfbY`Zcf`gi XYfYbXY3

# =ba ][ fUM]i b 9gi X]Uf



HUfj ]hgYY\_c'a ]bi b'hc]a ]hU'U\_i dYfA]gYh  
Xc\_i a Ybh]hj U]\_cd]ch3

G\_U`Y[ j ]gY'\_cd]Yf'UZXY'cf][ ]bUY'Xc\_i a YbhYf`Y`Yf  
gY] YXY'cf][ ]bUY'Xc\_i a YbhYf 3

DfY[ i bhUf'g] ]YbYgei Y'dfYgYbhUf'XcW'a Ybhcg'cf][ ]bUY'g'c'ZchWtd]Ug

A ]h\_A'cj Um]cd]gcb'g]gAAbdAAgnj U]ja i \_gYh3  
DUFU`U'gc`]V]hi X'XY'UWVgc`U`U'i b]j Yfg]XUX

< j UX'Yf'cdhU[ YgYg\_fUj YbY'h]'i b]j Yfg]hYhYh3

@A\YhYhAAb\_O'a ]bi ``Yj ]fU`]bYb'\nj A\_gna ]g\_fY3  
DfY[ i bhUf'g] ]fYV]W]f]g]i bU'VW]U'XY'UWd]hU]V]i b

GybXYf`=a ][ `Yb'Zcfa Y'cdhU[ YgWY\_fA`ZHY'gY3

HUF'cU'c'm]cd]gcb'a nDg]Uj a i \_gYb3  
DfY[ i bhUf'g] `U'i b]j Yfg]XUX'dfcdcf]V]cbU'U'c'Ua ]Ybhc

; UFUbhYfYf`i b]j Yfg]hYhYh]bX\_j UfHf]b[ 3

? i i `i i \_c'hi h\_]bhc!c\`Y'a Uub]a nDg]mD`Uf'c]hY'i 3  
DfY[ i bhUf'g] ]h' d'Ub'XY'Ygi X]cg'VcbY'a d'U'dYf]cXcg'XY'df'W]V]W]g'dfcZYg]cbUYg

=bXY'c`XYf`ZU[ Yhc[ gA`Yb'dfU\_h]\_dYf]cXY3

HUfj ]hgYY\_c'j U]\hc!cd]g\_Y]'c]XYb'a U\_gU  
m]cd]gcb`YbbY'`cU\_]b'cd]g\_Y'i gU3

9f`XYf`ca \_cg]b]b[ Yf`j YX'Uhg]i XYfY'gca  
i Xj Y\_g]b[ gg]i XYfYbXY'dA`XYhY'i b]j Yfg]hYh3

DfY[ i bhUf'g] ]YbYgei Y'dU[ Uf`U'a UfE'W`U'Yb`U'i b]j Yfg]XUX'XY'XYg]bc

? i ]b\_U'dAAgyb'gYi fUa Uub`\U\_Ya i \_gYb]  
YhYbYa ]g]A3

< j cfXUb`\_Ub`Y[ `ZD[ Y'a ]b'Ubg]b]b[ gZfYa [ Ub[ 3

=bZcfa UfY'XY'W'a c`Vcbg]`hUf'Y`Yg]hXc'XY'hi`gc`]V]hi X

A ]hA`\_Y]hU]hc`Uj UUX]hUub3

< j UX'Yf'gdfc[\_fUj YbY3

=bZcfa UfY'XY`b]j Y`XY]X]ca U'bWVg]Uf]c'dUfU'gYf'UWd]hXc`Yb`U'i b]j Yfg]XUX

A ]hYb`SSSSSSS!`Af`YgY'a A`hc]a ]]3

< j cfXUb`Yf`SSSSSSSSSSSS`gng]hYa Yh3

DYX]f`]bZcfa U]V]i b'gcVfY`Y`g]g]Ya U

cd]bhc]d]gY

gi X]Ydc]bh

H]dc`XY`g]g]Ya U

Uf]cg]UbU

VYXOa a YgY

H]dc`XY`g]g]Ya U

GUub\_c'j U]\hcb]`c]di gg]U'hcX]g]i \_gYb'g'cf]hYi ]g]U  
cd]bbc]g]Ub]3

: Af`Y[ `Yb`U`UXYa ]g`i Xg\_f]Zhg]Xgh]'a ]h  
i Xj Y\_g]b[ gpd`\c`X3

DfY[ i bhUf'g] ]fYV]W]f]g]i bU'Vtd]U'XY'hi`Yi dYX]Ybh'U'W]X]Aa ]Vt`U`Z]bU`XY`U'Yg]UbV]U

# =ba ][ fUM]i b 9gi X]Uf



A ]b\_À`U]bYb`cdYhi gmm]`hY]`À`cb3  
DYX]f`]bZcfa U]i b`gcVfY`Y`Yg]`c`XY`YbgYl UbnU

< j cfXUb`Yf`i bXYfj ]gb]b[ gZcfa`Yb3

Cb\_c`hY]`À`SSSSSSSS3  
DYX]f`]bZcfa U]i b`gcVfY`Y`Yg]`c`XY`YbgYl UbnU

9f`XYf`SSSSSSSSSSSSSS`3

`i`Ybhc`U  
H]dc`XY`WUgY

ZcfY`Àgb]b[`Yf

gYa ]bUfY`U  
H]dc`XY`WUgY

gYa ]bUfYf

d]Ybfm`a`ÀcdYhi`gU  
H]dc`XY`WUgY

i bXYfj ]gb]b[

\_cbZfYbggY`U  
H]dc`XY`WUgY

\_cbZfYbWf

A ]b\_À`U]g]U`YgÀ`i`fggY`U`hY]`À`cb`hUf`c`U3  
DfY[ i b]hUf`dcf`U`cZf]hU`XY`Wf`ggc`XY`U`Yg`WY`U`XY`j`YfUbc

< j ]`\_Y`ZU[`h]`VnX`Ygd`À`gca`a`Yfg`c`Y3

? cg`U`hYb]h]c] U3  
DfY[ i b]hUf`dcf`Y`dYf]cXc`XY`Yi`1/2`YbYg

< j cfb`Àf`U`Z`c`XYg`Y`g]a ]bYf`bY3

A ]g]h`g]Ub`i`g]h]YhcU`\_U\_]`g]U`j`U`]hU] ]g]U  
\_i`fgg]`g]U3  
DfY[ i b]hUf`X]i`bXY`V`bgY[ i ]f`]bZcfa U]i b`gcVfY`U`g]Ug][ b]h] f]Ug

< j cf`\_`Ub`^Y[ ]bXY]bZcfa`U]cb]ca`ZU[`YbY3

Cb\_c`m]cd]g]c`U`\_]`i`b]hU]`c`U3  
DfY[ i b]hUf`g]`U`i`b]j`Yfg]XUX`W`Yb]U`V`b`]bg]U`U]cbYg`XYdcf]h]`Ug

9f`XYf`Yb`g]dcf]h]U`d`À`i`b]j`Yfg]h]h]h]3

? i ]b\_U]j`c]b`]]h]m]h]cd]g\_Y]U`Àf`Yg]d]b3  
DfY[ i b]hUf`W]a`c`i`b]fg]U`U`g]UgcV]U]cbYg`XY`Yg]i`X]Ub]h]g

< j cfXUb`\_`Ub`^Y[`XY`hU[`Y]`g]i`XYb]h]f`ZcfYb]b[`Yf`3

? i ]b\_U`\_cf`Y`h]Y]b\_i`g]Ubbi`\_g]h]c]`U`h  
Q\_U`di`b[ ]gg]U]U]j]c`h]U3  
DYX]f`]bZcfa U]i b`gcVfY`Y`V`gh]`XY`U`j ]XU`Yb`U`V]i`XUX

< j UX`Yf`XYb`Ubg]ÀXY`Y]`Yca`\_cg]b]b[ ]`U`n]3

9gi X]Uf`!`7`i`fgcg`XY`X]ca`Ug  
:]b`Ub`X`Àg

8Ub`Àg



# =ba ][ fUM]i b 9gi X]Uf



HUfj ]hgYb`hU`ci XY`]gh`hi \_YU`SSSSSSSSSS`j UfhYb`  
=bX]Wf`ei Y`bYWg]hUg`Lhi XU`Z]bUbV]YfU

>Y[ \`UF`Vfi [ `Zcf`Ô`cbca ]g\_` \`Ã`d`h` `SSSSSSSSSSSS`"

`i`\_i`\_U`g]a`U`g`h  
5ei Y`c`dUfU`c`ei Y`bYWg]hUg`Lhi XU`Z]bUbV]YfU

gi X]Y[ YVnfYf

Y`]b`\_i`g]ubbi`\_g]yb]  
5ei Y`c`dUfU`c`ei Y`bYWg]hUg`Lhi XU`Z]bUbV]YfU

`Y] Yca`\_cg]b]b[ Yf

`UgYb\c]hc  
5ei Y`c`dUfU`c`ei Y`bYWg]hUg`Lhi XU`Z]bUbV]YfU

VÔfbYdUg]b[

A ]`U]g]U`g]dYbXY`Ã`cb`g]U]j ]`U3  
DYX]f`]bZcfa U]i b`gcVfY`VYWg

< j ]`\_Y`g]U`g]dYbX]Yf`Yf`h` [ `Ãb[ Y ] [ Y3

## 9gi X]Uf ! `7 cbj U]XUM]i b`XY`h`h`i` `cgYi hfUb`Yf`cg

: ]b`UbXÃg

8UbÃg

< Ui U]g]b`mj`Ã`g]i`Yi`hU`i` `ca`W`U]gYb  
hi`h`]b]hc]`@`U`gg]U  
=bX]Wf`ei Y`ei ]YfYg`V`bj`U`]XUf`h` `h`h`i` `c`U`W`X`Ã`a` ]V` `Yb`Y`dU`g]XY`XYg]bc

>Y[ ] ]` [ YfbYj U]XYfYa ]hiU]gi hYbXY`Y`g]a`Ybg]Y] ]g]  
OubXQ

Cb\_c`h]`Ã`]ghU`gYfh]Z]c]Xi ]ghU`Q]Y`YbQ  
\_Ã`h`Ã`]ghÃ3

< Uf`=`Yb`Ã`]gh`c] Yf`Wf]h]Z]Wf]YXY`c] YfgÃ`hYfY`Zcf`Q`dfc[ Q3

DYX]f`i`bU`]ghU`XY`hfUXi`V`cfYg`↑`fUXcg`Yb`Y` `Yb[ i`UY`V`ffY`g]cbX]YbY

A ]gh`g]Ub`mj`Ã`g]i`\_i`hcX]gh`\_g]yb3

< j`cf`\_Ub`Y[ `ZÃ`Yh`Ã`\_j`]j`U`Ybg]Wf]h]Z]\_U`h3

DfY[ i`b]Uf`X]i`bXY`V`bg]Y[ i`]f`i`b`Wf]h]Z]W]Xc`XY`V`bj`U`]XUM]i`b