

# DYfgcbU 9a Uj`



9a Uj` ! 9bWVYnLa ]Ybhc`Y]bhfCxi Wj` b

Gı Wđ

<Y^>c\bž

⇒Zcfa UžZcfa UYgřbXUF`XY`X]f][ ]fgY`Ui b`La ][ c

F i a Ubc

8fU[ B`5bXfY]ž

<Y^a La a U#lUddLž

⇒Zcfa UžZcfa UYgřbXUF`XY`X]f][ ]fgY`Ui h`gdUXfYg

8fU[ B`A La B#HURž

<Y^ZUFVcf# a cfVfcf`>Yfca Yž

⇒Zcfa UžZcfa UYgřbXUF`XY`X]f][ ]fgY`Ui b`a ]Ya Vfc`XY`h`Zla ]`]U

8fU[ B`i bW]i `Y5bXfY]ž

<U`Á`>c\bž

⇒Zcfa UžZcfa UYgřbXUF`XY`X]f][ ]fgY`Ui b`La ][ c

8fU[ B`5bXfY]ž

<Y^>c\bž

A i m]bZcfa UžZcfa UYgřbXUF`XY`X]f][ ]fgY`Ui b`La ][ c

6i bB`5bXfY]°

>c\bž

⇒Zcfa UžZcfa U`X]fYMU`XY`X]f][ ]fgY`Ui b`La ][ c

GU i h5bXfY]°

A ]b`À`g`\_`]b[ ž

A i m]bZcfa UžgY`i gJ`dUFU`X]f][ ]fgY`Ui b`gYf`ei Yf]Xc

8fU[ Ua YU#8fU[ i `a Yi ž

F Uf]b[ ž

A i m]bZcfa UžgY`i gJ`dUFU`X]f][ ]fgY`U`U`dUFY`U

⇒ V]h` `a Yi ž#⇒ V]U`a YUž

A ]b`\_`ÁfY`>c\bž

⇒Zcfa UžgY`i gJ`dUFU`X]f][ ]fgY`U`U`dUFY`U

8fU[ i `a Yi `5bXfY]ž

HUW`ZÖf`X]h`ia Y^"

Gy`i gJ`dUFU`fYgdc`bXYf`Ui bU`VčffYgdc`bXYbV]U

ª ]`a i ` i a YgW`Ybhf`i `Y`a Uj`!i `dY`WfY`a ]`!Uj`f]a ]g`

8Yhj Uf`fc`][ hU`hXi ` \ÖfXY`Uj` `X]` ][ Yb"

Gy`i gJ`dUFU`fYgdc`bXYf`Ui bU`VčffYgdc`bXYbV]U

A ]!U`ZB`W`hd`B`WfY`g`b`df]a YgW`Y`h`j`XY`U`h`bY`

>U[ `Áf`j`À`X]`[ h`Y`XgYb`U`h`U`[ `]b`h`g`\_`f]j` ]hd`Á`g`Á`À`b`[ Y`

Gy`i gJ`W`UbXc`gY`YgW`]Y`U`i b]j` ]Y`c`La` ][ c`U`ei` ]Yb`bc`gY` \U`Včb`h`U`U`Xc`XYg`XY` \U`W`h`j`Ya` dc

ª a ]`dUFY`ZcUF`Y`f`B`i` V]B`bi` ` ]!Ua` `a Uj`gW]gXY`U`h`j`fYa` Y`

8Yhj Uf'gÁ`Àb[Y'gyb'gca`j`j`Uf']\_cbhU\_ha YX  
j UfUbXfU'

5`f'fWWhZcUfHY'a i`hBj fYa Y'XY'WbX'La j cfV]hi`h)a U  
XUfB'

GY'i gJ'WUbXc'gY'YgW]VY'Ui bj ]Y'c`La ][ c`Uei ]Yb'bc'gy`U'W'bhU'U'Xc`XYgXY`UW'h]Ya dc

9a Uj`!`7i Yfdc

Gi Wf

F i a Ubc

>U[ 'g\_f]j Yf`ZÖf`Uth'Vf`ÄH'U'Uth''''''

<sup>a</sup> ]'gW]i`dYb'f'i`U'fY'U'bi b U'VB''''

GY'i gJ'WUbXc'h]Yb'Yg'bc'h]V]Ug]a dcf'f'Ub'h]Yg

< Uf'b]`bÁ[ fU'd`UbYf`ZÖf''''''''3

!]U]`ZB'W'h'd`U'bi f]'dYb'f'i`''''3

GY'i gJ'WUbXc`ei ]Yf'Yg]bj ]hUf`U'U'[ i ]Yb`U'i b`Yj Yb'hc`c`U'i bU'fY'i b]i] b

HUW`ZÖf`Uthib]'g\_]W`UXY`#V`ÖX]b`#V]Zc[ UXY''''''

A ]]XY'a i`i`a ]f]'dYb'f'i`''''#]bj ]hU ]Y#fa d'f'f'fB ]fYU  
Z'dh`i`]`VB''''

GY'i gJ'dUfU'U[ fUX'W'f`U'U'[ i ]Yb`#]bj ]hUf`U'U'[ i ]Yb`#UX'f`b'f'f']bZcfa U'W]i b

>U[ 'Äf'a mW`Yh'fUW`gLa`ZÖf`Uthib]`Äha ]]`j`YhU`#  
YfV`ÖX'a ]]`#g\_fY]`h]`a ]]`Ub[ ÄYbXY''''''

<sup>a</sup> ]'g`b'h'd'f'c`Z`bX`f'f'W'b'c'g]W'b'c'f`#f'f'W'b'c'g]W'b'c'f`U'f'Y`d'Y'b'f'i`  
Z'dh`i``VB'a`!U]`U'bi b U'h'a`!]U]`c`Z'f']h'a`!]U]`g'W]g''''

GY'i gJ'WUbXc'gY`U[ fUX'Y'W`g]b'W'f'La Yb'hY`U'U'[ i ]Yb`d'c'f`XY'W]f`U'[ c`#c`Z'f'W'f`U'[ c`#Y'g'W]V]f`Yb`f'Y'Z'f'Y'b'V]U'U'U'[ c

8Yhj Uf'gÁ`gö`Ä`hUj`X][`Uth'g\_f]j`U'h]`a ]]`#V'f`XU]b  
a ]]`#g\_]W]U'a ]]`''''

<sup>a</sup> ]'g`b'h'd'f'c`Z`bX`f'f'W'b'c'g]W'b'c'f`#f'f'W'b'c'g]W'b'c'f`U'f'Y`d'Y'b'f'i`  
Z'dh`i``VB'a`!]U]`g'W]g'a`!U]`]bj ]hU'h'a`!]U]`f'f]a ]g''''''''

GY'i gJ'WUbXc'gY`Ud'f'Y'W]U`g]b'W'f'La Yb'hY`U'U'[ i ]Yb`d'c'f`Y'g'W]V]f'hY`#d'c'f']bj ]hU'f'Y`U`#d'c'f`Y'bj ]hU'f'Y`U'[ c

>U[ 'Äf`[`UX`Uth\_i`bbU`VYf`ÄH'U'Uth''''''

<sup>a</sup>a ]'Z'W`c`X'Y'c'g]V]h'B`d`B'W'f'Y`g]j`B`U'bi b`VB''''

GY'i gJ'WUbXc'gY`U'bi b'V]U'b`Vi`Yb'Ug'bc'h]V]Ug`U`cg]La ]]`cg

>U[ 'Äf`[`UX`Uth`Öf`U'Uth''''''

5a`U'Z`U'h`W`d`B'W'f'Y`Z'dh`i``VB''''

GY'i gJ'WUbXc'gY`f'f'U'bg'a ]hY`i`b`a`Y'bg]Y`c`i`b'U'bc'h]V]U

>U[ 'Äf`gÁ`YX'gYb'a`Yb`U[`a`ÄgY`VYf`ÄH'U'Uth''''''

8]b`d`B'W'hY'a`B`j`B`X`b`Y`c]h`b`Y`c]h`B`g]j`B`U'bi b`VB''''

GY'i gJ'WUbXc'gY`U'bi b'V]U'b`a`U`Ug'bc'h]V]Ug`U'i`b`La ]]`c

>U[ `V`Yj`gÁ`YX'gYb`XÁ`U[`Z]W`Öf`U'Uth''''''

<sup>a</sup>a ]'d'U'f'Y`Z`c'U'f'f'Y`f`B`i`g`B`U`X`Z'dh`i``VB''''

GY'i gJ'dUfU'W'b'g'c`U'f`U'i`b`La ]]`c`W`UbXc`U'f'Y'W]Xc`a`U`Ug'bc'h]V]Ug

>U[ 'g\_i`Y`i`ddg`Uth`U`XY'hca`Xi`j`]`Y`\_c`U]b'a`]b  
b'mU`Y`a`g]XU''''''

5`U'd'f'Y]U`Z`c'U'f'f'Y'a`i`h`W`B`U]U'f'i`b`W`c`d'f]j`]f'Y`d'Y`b'c'i`  
a`Yi`g]hY''''''''

GY'i gJ'WUbXc'gY`ei ]YfY`ei`Y`i`b`La ]]`c`j`Y`U`h`i`b`i`Y`U`d`f]j`b`U`k`W`

@À [ 'h`'a ] [ 'dÁ''''a YggYb [ Yf''A ] hUbj ÀbXUfbLa b Af''''

HY'fc [ 'gß'a B'UXU [ ] 'dY''''a YggYb [ Yf''=8!i `a Yi 'YgY''''''

GY'i gJ'WUbXc'gY'ei ]YfY'ei Y'i b'La ] [ c'h'U [ fY [ i Y'U'i b'gYf ] ]V]c'XY'a YbgJ'YfÉU ]bgJ'Ubh'YU'dUfU'dcXYf'Wta i b ]VUfgy a 'gJ'U'a Ybi Xc

### 9a Uj` !'7 cbW gj` b

#### Gi Wt`

G\_]WU\À'gb]b [ Uf'h`''''cW'gÀ [ 'ÁhXYa 'Uth'U [ gJ\_bUf'XYa 'a Uggcf''

#### F i a Ubc

HfUbg ]h'hcUhb'XfU [ cgY'a YU'''' ]'gdi bY!'YVß'Éa ]YgY Xcf'XY'Y]"

GY'i gJ'WUbXc'ei ]YfYg'XY'Y'Y'U'U [ i ]Yb'ei Y`c'Yi hfU' Uj'U'fUj 'Ág'XY' 'XYg]bUfU'c'XY' 'Ya Uj`

''''\À'gUf''

''''É] hfUbg ]h'hcUhb'XfU [ cgY'U'

GY'i gJ'WUbXc'chfU'dYfgcbU'Ybj ÉU'gU'i Xcg'Yb'i b'Ya Uj`

< À'gJ'''' ZfÁb'a ] [ ''

GU'i hB'dY''''X]b'dUfU'a YU'

GY'i gJ'WUbXc'gY'ei ]YfY'gU'i XUf'U'chfU'dYfgcbU'U'fUj 'Ág'XY' 'XYg]bUfU'c

>U [ 'gyf'ZfLa 'Ya chUth'ÒfU'Uj 'X] [ 'gbUf'h'

5V]U'U h'dhigß'df]a YgM'fBgdli bgj `hB'i ''

GY'i gJ'WUbXc'gY'XYgU'fY'Y'f'i bU'fYgdi YgU

A Y^U'a ] [ 'gÁ'Zcfh'gca 'a Ò^] [ h'

G'f]Y'a ] 'ÉbUdc] 'Wf'3'X''

8]fY'U'c'gY'i gJ'WUbXc'gY'XYgU'fY'Y'f'i bU'fYgdi YgU

A Y^U'a ] [ [ 'ÁfbU'bÁf''''

Hf]a ]h'!a ]i b'fBgdli bgV'X''''''

GY'i gJ'WUbXc'ei ]YfY'g'ei Y'Y' 'XYg]bUfU'c'gc`c'fYgdc'XU'W'UbXc'h'Yb [ U'bch]V]Uj'XY'U [ c

A Y^U'a ] [ 'gÁ'Zcfh'Xi ] YhbÁ [ chia Yf''

Hf]a ]h'!a ]i b'fBgdli bgV'X''''''

GY'i gJ'WUbXc'ei ]YfY'g'ei Y'Y' 'XYg]bUfU'c'gc`c'fYgdc'XU'W'UbXc'h'Yb [ U'bch]V]Uj'XY'U [ c

G\_Òhca 'X] [ ''

5j Y ] [ f]'B'XYj c]°

=bZcfa U'žgY'i gJ'U' 'YgM]V]f'Yg'U'ZLa ]' ]UfYg'c'La ] [ cg

>U [ 'À'g\_U'f'X] [ ''

HY]i VgW

GY'i gJ'U' 'YgM]V]f'Y'U'U'dUfY'U

< À'gb]b [ Ufž

HcU'W'Y'Vi bYž

=bZcfa U'žgY'i gJ'U' 'YgM]V]f'Yg'U'ZLa ]' ]UfYg'c'La ] [ cg

# DYfgcbU 9a Uj`

< ^fñ][ U\À`gb]b[ Ufž  
=bZcfa UžgY'i gJ'U `YgVf]V]fYg'UZLb ]`]UFYg'c`La ]][ cg

7i `XfU[ž

< ^fñ][ Ugh\`À`gb]b[ Ufž  
=bZcfa UžgY'i gJ'U `YgVf]V]fYg'UZLb ]`]UFYg'c`La ]][ cg

7YY'a Uj`WXYi fBf]ž

>U[ `Öbg\_Uf`X][ `U`h[ chž  
=bZcfa UžgY'i gJ'U `YgVf]V]fYg'UZLb ]`]UFYg'c`La ]][ cg

HcUH`WYVi bYž

A Áb[ U`\_fla Ufž  
=bZcfa UžgY'i gJ'U `YgVf]V]fYg'UZLb ]`]UFYg'c`La ]][ cg

7i `hcUH`XfU[ cgYUž

Di gg'cW`\_fla ž  
=bZcfa UžgY'i gJ'U `YgVf]V]fYg'UZLb ]`]UFYg

7i `XfU[ž

? fla ]gUfž  
=bZcfa UžgY'i gJ'U `YgVf]V]fYg'UZLb ]`]UFYg

7i `a i `hXfU[ž