

# Gc`]M]h XYg 7 UfhU'XY'DfYgYbhUM]i b



7 UfhU'XY'DfYgYbhUM]i b! `=bhf cXi W]i b  
7 cfYUbc

Dcfh [ i Åg  
DfYrLXc'GYb\cfž  
7 Ufc'GYb\cfž

: cfa UžXYgh]bLUF]c'a UjW`]bcž'bca VfY'XYgVčbcV]Xc

DfYrLXU'GYb\cfUž  
7 UFU'GYb\cfUž

: cfa UžXYgh]bLUF]c'ZYa Yb]bcž'bca VfY'XYgVčbcV]Xc

DfYrLXcfUč'GYb\cfFUž  
7 UfcFUč'GYb\cfFUž

: cfa Už'bca VfY'mgYl c'XY'XYgh]bLUF]c'XYgVčbcV]Xcg

( )

DfYrLXcgjGYb\cfYgž  
7 UfcgjGYb\cfYgž

: cfa UžU'X]f][ ]fgY'Uj Uf]Uj'dYfgcbUj'XYgVčbcV]XUj'c'Ui b'XYdUfh]a Ybhc

( )

5`ei Ya `dcegU]bhYfYggUfž

: cfa Už'bca VfY'm[ ÅbYfc'XY'XYgh]bLUF]c'hcU]a YbhY'XYgVčbcV]Xcg

DfYrLXc'Gf"G]j Už  
7 Ufc'Gf"G]j Už

: cfa UžXYgh]bLUF]c'a UjW`]bcž'bca VfY'VčbcV]Xc

DfYrLXU'Gf}"G]j Už  
7 UFU'Gf}"G]j Už

: cfa UžXYgh]bLUF]c'ZYa Yb]bcž'W]g]XUž'bca VfY'VčbcV]Xc

DfYrLXU'Gfh}"G]j Už  
7 UFU'Gfh}"G]j Už

: cfa UžXYgh]bLUF]c'ZYa Yb]bcž'gc`hYfUž'bca VfY'VčbcV]Xc

DfYrLXU'Gf}"G]j Už  
7 UFU'Gf}"G]j Už

: cfa UžXYgh]bLUF]c'ZYa Yb]bcž'bca VfY'VčbcV]Xcž'Ygh]Xc'V]j ]'XYgVčbcV]Xc

# Gc`]M]h XYg 7 UfHJ'XY'DfYgYbHUM]i b



DfYnUXc`J Ęrcf`G]j UŁ  
7 Ufc`J Ęrcf`G]j UŁ

A YbcgZcfa Użg]`gY`U`Hb]Xc`fUŁc`VŁb`Y`XYg]bUŁf]c`dfY] ]Ua`YbH

... . 9i` [cgHUF]U`XY`WbX]XUŁUF!a`Y`Uc`WŁf`[c`XY`""ei`Y`Zc]  
Ubi`bV]UXc`Ya`#bc`#bU`""Ya`""  
: Ę fa`i`U`YgHbXUf`i`g]XU`WUŁbXc`gY`gc`]V]HUF`i`b`Ya`d`Yc`YbWŁbHfUXc`Yb`i`b`dYf]Ę`X]WŁc`fY]`]gU

... . 9g]fY]c`Ya`fYgŁcg]U`Uc`Ub`ÖbV]c`di`V]VMXc`Ya`#bc`#bU`""  
: Ę fa`i`U`YgHbXUf`i`g]XU`WUŁbXc`gY`gc`]V]HUF`i`b`Ya`d`Yc`YbWŁbHfUXc`cb`]bY

...( ) ... F YZ]fcl`a`Y`Uc`gYi`Ub`ÖbV]c`Ya`#bc`#bU`""XUŁUXc`XY`""  
: Ę fa`i`U`YgHbXUf`i`g]XU`dUŁU`Yi`d`]WŁf`XĘ`bXY`gY`YbWŁbHfĘ`Y`Ubi`bV]c`dUŁU`i`b`di`YgŁc`XY`fUŁUc`

...( ) ... 9i`"]c`gYi`Ub`ÖbV]c`gc`VfYi`a`fUŁ`""Yi`dYf]YbH`""bcfUŁ`""  
YX]Ęc`XY`""Z`Y`Hb`c`[`fUŁbXY]bHfYgŁ`bUj`U`U`  
: Ę fa`i`U`YgHbXUf`i`g]XU`dUŁU`gc`]V]HUF`i`b`fUŁUc`YbWŁbHfUXc`Yb`i`b`dYf]Ę`X]WŁc`fY]`]gU

... . J`Yb`ł`cz`dcf`i`a`Y]c`XYgHŁ`WbX]XUŁUF!a`Y`¼`dcg]Ęc  
Ubi`bV]UXŁ`VŁa`c`""  
: Ę fa`i`U`YgHbXUf`i`g]XU`dUŁU`gc`]V]HUF`i`b`fUŁUc`

... . 9i` [cgHUF]U`XY`WbX]HUF!a`Y`Uc`WŁf`[c`XY`""  
: Ę fa`i`U`YgHbXUf`i`g]XU`dUŁU`gc`]V]HUF`i`b`fUŁUc`

... , .... 5h`U`a`YbH`fUŁU`c`dUŁU`""Y`gci`fYgŁcbg]Y`dcl`""  
Gy`i`gU`VŁa`c`cfUŁ]i`b]bHfcXi`VŁcf]U`dUŁU`XYgV]V]f`h`i`g]h`U]i`b`U`VcfU`UŁi`U`m`c`ei`Y`]bj`c`i`VŁU

## 7 UfHJ'XY'DfYgYbHUM]i b!`5f`[i`a`YbŁcg

7cfYUbc

Dcfh`[i`Ęg

... , . 9gci`dUŁf]W`Ufa`YbH`]bHfYgŁUXc`bYgY`fUŁU`c`#WŁf`[c`Z  
VŁa`c`""  
Gy`i`gU`dUŁU`Yi`d`]WŁf`dcl`ei`Ę`ei`]g]YfUg]gc`]V]HUF`i`b`di`YgŁc`YgdVŁZ]VŁ

... , . 9i` [cgHUF]U`XY`fUŁU`UŁ`dUŁU`""fbc`a`Y`XU`Ya`dfYgŁZ`U  
Z]a`XY`""  
Gy`i`gU`dUŁU`Yi`d`]WŁf`dcl`ei`Ę`ei`]g]YfUg]gc`]V]HUF`i`b`di`YgŁc`YgdVŁZ]VŁ

# Gc`]M]h XYg 7 UfHUXY'DfYgYbHUM]i b



A Yi gdcbhcgZcfHYgg;c''''

GY'i gJ'dUFU'YI dcbYf'W'½Yg'gcb'hi'g'df]bV]dU'Yg'Urf]Vi hcg

9i 'X]f]U'ei Y'U'a ]b\U'Öb]M]Z'U'ei YnU'Å#Ugja ]b\Ug'Öb]M]g  
Z'U'ei YnU]g'g;c''''''7 cbh' Xcz'Yg'ci 'HbHUbXc'a Y\cfUf  
bYg]Yf]g;Ugd]M]c'f]g'

GY'i gJ'dUFU'fYZ'YI ]cbUf'gcVfY'hi'g'di b'hcg'XÅV]'Ygž'dYfc'a c'gfU'UbXc'ei Y'Yg]h'g]XV]X]Xc'U'a Y'cfUf'Yb'Yg]Ug]½YUg

5VfYX]hc'ei Y'gci ]bX]VM]Xc'dUFU'c'f'UMU'c'dc]g''''

GY'i gJ'dUFU'YI d']Wf'dcf'ei Å'YfYgi b'Vi Yb'WbX]XUhc'dUFU'Y'f'fUMU'c'

9a VcfU'Yi 'b;c'h'b\U'YI dYf]f]U'UbHf]cf'Ya ''''ž'Yi 'h]j'Y  
''''

GY'i gJ'g]bi b'W'\Ug]f'fUMU'UXc'Yb'V]Yf]hc'W'a dc''U'cfU'ž'dYfc'di YXYg'XYa c'gfUf'WU]XUXYg'U'dUf]f'XY'cfUg  
YI dYf]YbV]Ug'ei Y'\Ug]Hb]Xc

A ]b\Ug'ei U]Z]M]Å'Yg'W'a dYh'f]Ug]dfc]Z]g]cbU]g  
dUFY'W'a Yg]Uf'XY'UM]f'Xc'W'a U]gb'W]g]XUXYg'XU'g'U  
Ya dfYg]U''

GY'i gJ'dUFU'YI d']Wf'ei Å'\U]']XUXYg'\UWb'XY'h]i b'Vi Yb'WbX]XUhc'dUFU'Y'f'fUMU'c'

8i fUbH'a Yi 'H'a dc'W'a c''''ž'Yi 'UdYfZY]ÄcY]#UdfcZ]bXY]  
#Yg]YbX]#a Yi 'Wb\W]a Ybhc'Ya ''''

GY'i gJ'dUFU'XYa c'gfUf'hi'YI dYf]YbV]U'Yb'i b'V]Yf]hc'W'a dc'm'U'W'dU]XUX'dUFU'UXei ]f]f'bi Yj U]g'\U]']XUXYg

A ]b\U'½YU'XY'Ygd]W]U]n]U]c'Å''''#Gci 'Ygd]W]U]n]UXcfUk  
Ya ''''

GY'i gJ'dUFU'a c'gfUf'Yb'ei Å'W'a dc'h'Y'\Ug]XYg]Uf]c''UXc

5dYg]f'XY'f'fUMU'\Uf'Ya #W'a ''''ž'hcfbY]!a Y  
YI f'fYa Ua YbH'W'a dYHbH'Ya ''''

GY'i gJ'dUFU'XYa c'gfUf'hi'YI dYf]YbV]U'Yb'i b'V]Yf]hc'W'a dc'c'XYa c'gfUf''U'\U]']XUX'dUFU'UXei ]f]f'bi Yj U]g'\U]']XUXYg

5]bXU'ei Y'f'fUMU'\UbXc'Ya 'f]h'a c'UW'Yf'UXcž'Yi 'b;c'gci  
bY]']YbH'Y'f'fUMU'\c'W'a 'df]W]g;cž'gYbXcž'dcf]U]bhcž  
UX'ei UXc'dUFU'U]g]XYa UbXU]g]Xc'f'fUMU'\c'W'a c''''

GY'i gJ'dUFU'YI d']Wf'dcf'ei Å'g]f]ÉU]g]Vi Ybc'dUFU'i b'di Yg]c'V'U]g]Xc'Yb''U'YI dYf]YbV]U'c'V]Hb]XU'Yb'f'fUMU'c'g'dfYj ]cg

가 , Gci `WdUh'XY'a UbhYf i a `Uhc'dUXf\_c'XY'fUMU\cz a Yga c'gcV'dfYgg\_c"

GY'i gJ'dUFU'a cgfUF'ei Y'di YXYg'fUMU'f'Yb'i b'La V]YbhY'XY'bY[cV]c'Yi ][ YbhY

, . 8YgU'Zcfa UYi `hYf]U'U'cdcfh b]XUXY'XY'WzbV]U'f'cg a Yi g]bhYfYggYg'Wta `YgU'W'c'W'Ä\_c"

GY'i gJ'dUFU'a cgfUF'ei Y'dcgYg'i b]bhYf'Äg'dYfgcbU `Yb'Y`'fUMU'c

... . 9i `hYb\c'YgdW]U` ]bhYfYggY'Ya `#bc`#bU'''Y[cgUf]U'hYf`U cdcfhi b]XUXY#WUbW'XY'La d`]Uf'a Yi g'Wzb\W]Ä YbhcgZ fUMU\UbXc'Ya `#bc`#bU'''fbca YXUYa dfYgU'f"

GY'i gJ'dUFU'a cgfUF'ei Y'dcgYg'i b]bhYf'Äg'dYfgcbU `Yb'Y`'fUMU'c

, 가가 7 ca c'dcXY'gYf'cVgYfj UXc'bc'a Yi `WffÄW`c'UbYI czU a ]b\UYI dYf]ÄV]U'Y'ei U]Z]W'Ä'Ng'W'ffYgdcbXYa `Ucg fYei ]g]hcgXYgU'dcg]Ä\_c"

GY'i gJ'dUFU'\UWf'fYgU'f'hi `WffÄW`c'miXYa cgfUF'W`1b`WdUM]hUXc`Yg'h'g'dUFU'YgY'di Ygfc

... , . A ]b\U'dcg]Ä\_c'Uhi U`Wta c'''XY`#Xc`#bU'''za Y dfcdcfV]cbci `U'cdcfhi b]XUXY'XY'fUMU\U'f'Ya `i a La V]YbhY'XY'[ fi dc'XY'U'fU'dfYgg\_czcbXY'Ä'YggYbV]U`gYf WdUh'XY'fUMU\U'f'Wta `W'Y[UgZ'U'Z]a `XY'Wa df]f dfU'ncg"

GY'i gJ'dUFU'a cgfUF'ei Ä`UW]`]XUXYg`Ug'cVhYb]Xc`U'dUf]f'XY'hi `fUMU'c`UMÄ U

... , .... 5`Äa `XY'a ]b\Ug'fYgdcbgU]`]XUXYg'Wta c''''Z'Yi `hLa VÄa XYgYbj c'j ]`UW]`]XUXYg'Wta dYh'ÄV]UgYa ''''

GY'i gJ'dUFU'a cgfUF'\UW]`]XUXYg'UX]V]cbU'Yg'cVhYb]XUg'U'dUf]f'XY'hi `fUMU'c`UMÄ U''@Ug\UW]`]XUXYg'di YXYb'YgU'f UgcV]UXUg'c'bc`Wzb'hi `Wf[c"

7 UfhU'XY'DfYgYbhUM]i b! < UW]`]XUXYg

7 cfYUbc

... , ...

Dcfh [i Äg

A ]b\U'df]a Y]fU`Éb[i UÄ''''za Ug'hLa VÄa `Z]c''''

GY'i gJ'dUFU'fYZYf]fgY`U`U`Yb[i U'a UYfbU'mU`Ug'gY[i bXUg`Yb[i Ug

... . 9i `Z]c''''Wta `Zi ÄV]U' Gci `Zi YbhY'Ya ''''

GY'i gJ'dUFU'fYZYf]fgY`U`Ug`Yb[i Ug'YI fU'YfUg'ei Y'Xca ]bUg

# Gc`M]h XYg 7 UfhU'XY'DfYgYbhUM]i b



...

9i 'hYb\c'Vtb\W]a Ybhc']bhYfa YX]1/2]c'XY'''

GY'i gJ'dUFU'fYZYf]fgY'U'Ug`Yb[ i Ug'YI fFub'YfUgjei Y'a UbY'Ug'U'b]j Y` ]bhYfa YX]c

... ..

9i 'hYb\c''''''Ubcg'XY'YI dYf]A5M]U'XY'f'UMU'\c'Ya '#Aa c''''

GY'i gJ'dUFU'a cghfUF`U'YI dYf]YbV]U'Yb`V]YfUg'1/2YUg'XY'bY[ cV]cg

...

9i 'hYb\c'YI dYf]A5M]U'Ya '#Aa ''''

GY'i gJ'dUFU'fYZYf]fgY'U'gcZrk UfY'ei Y'a UbY'Ug

가 ... ..

9i 'UW'YX]hc'hYf'U'Wta V]bUÃ;c'UXYeI UXU'XY''''''Y''''''

GY'i gJ'dUFU'a cghfUF'W'Yb`YeI ]`VfUXUg'gcb`h'g`UM]`]XUXYg

9I W'Ybh'\UM]`]XUXY'XY'Wta i b]WÃ;c

@J'\UM]`]XUX'XY'Wta dUfh]f'mYI d`]Wf`]bZcfa UM]i b'U'h'g'Wc`Y[ Ug

F UM]cV]b]c'XYXi hj c

@J'\UM]`]XUX'XY'Wta dfYbXYf'mYI d`]Wf'Wc]gUg'XY'Zcfa U'f'2]XU'mYZYV]j U

DYbg]a Ybhc`i [ ]Wc

@J'\UM]`]XUX'XY'XYgUffc`Uf`]XYUg'dfcd]Ug'XY'Zcfa U'dfYV]gU'mLbU'É]W

< UM]`]XUXYg'UbU'É]Wg

@J'\UM]`]XUX'XY'Yj U'i Uf`U'g]h UM]i b'XY'Zcfa U'a ]bi V]cgJ

6ca 'fYUM]cb]a Ybhc']bhYf'dYggcU

@J'\UM]`]XUX'XY'a UbY'Uf'U'i b'[ fi dc'XY'Wc`Y[ Ug'mXY'Wta i b]Wf]g'Wc'b'Y`cg'XY'Zcfa U'YZYV]j U

< UM]`]XUXYg'XY'bY[ cV]UÃ;c

@J'\UM]`]XUX'XY'\UMf'bY[ cV]cg'Wc'b'chfUg'Wta dU' É]Ug'XY'Zcfa U'YZYV]j U

< UM]`]XUXYg'XY'Wta i b]WÃ;c

@J'\UM]`]XUX'XY'Wta i b]Wf`]XYUg'XY'Zcfa U'YZYV]j U'ZfYbh'U'i bU'U X]YbV]U

## 7 UfhU'XY'DfYgYbhUM]i b! 7 cbW gj] b 7 cfYUbc

Dcfh [ i Åg

# Gc`]M]h XYg 7 UfHJ`XY`DfYgYbHUM]i b



가

9gci `a i ]hc`a chj Uxc`YUbg]c`dYc`fUMU`c  
X]j Yfg]WUxc`ei Yi a WUf[c`bYgU`Ya dfYgU`dfcdcfV]cbU`

GY`i gJ`WUbx`c`gY`WzbWl mY`dUFU`fY]HfUF`Y`XYgYc`XY`fUMU`UF`dUFU`YgU`Wza dUf`EU

9i `j Y`c`Ugbcj UgUf]M] ]AÑYg#YgU`dcg]A;c`Wza c`i a  
Yl W`Ybh`XYg]Z]c`"

GY`i gJ`WUbx`c`gY`WzbWl mY`dUFU`fY]HfUF`Y`XYgYc`XY`fUMU`UF`dUFU`YgU`Wza dUf`EU

가

9i `[cgUf]UXY`Hf`U`cdcf`h`b]XUXY`XY`X]gM]h`f`a`U]g  
XYHU`Yg]gc`VfY`Uj`U]`U`dYggc`U`a`Ybh`"

GY`i gJ`WUbx`c`gY`WzbWl mY`dUFU`g`[`Yf]f`U`dcg]V]`]XUX`XY`i`bU`Ybh`fY]`]gU`

A`Yi`W`ff`EW`c`Yb`W`bh`U`gY`Ub`Yl`c`dUFU`g`U`Udf`W]U`A;c`"

:`I`fa`i`U`Yg]h`XUf`i`g]XU`dUFU`Wza`i`b]WUf`U`Ya`d`YUxc`f`ei`Y`h`7J`Yg]h`]bWl`]Xc`Wzb`U`WUf]U`XY`dfYgYbHUM]i`b`

9i`dcggc`Zcf`b`WUf`f`YZf`A`B]Ug`gY`b`WUg]f]c`"

:`I`fa`i`U`Yg]h`XUf`i`g]XU`dUFU`Wza`i`b]WUf`U`Ya`d`YUxc`f`ei`Y`Yg]h`g]X]gdi`Yg]c`U`dfcdcfV]cbUf`f`YZf`f`Yb`V]Ug`

F`YZf`A`B]Ug]dc`XYa`gYf`gc`]M]HUX]g]1/4]Uc`"

GY`i gJ`dUFU`Wza`i`b]WUf`U`Ya`d`YUxc`f`ei`Y`Yg]h`g]X]gdi`Yg]c`U`dfcdcfV]cbUf`f`YZf`f`Yb`V]Ug]m`U`ei`]A`b`di`Y`XYb`Wzb`HUM]Uf`

9gci`X]g]dcb]Y`dUFU`Ybh`fY]`]gU`Ya`""

GY`i gJ`dUFU`]bX]WUf`W`W`Xc`Yg]h`g]X]g]dcb]V`Y`dUFU`i`bU`Ybh`fY]`]gU`

가

C`Vf]U`Uxc`dcf`gYi`h`Ya`dc`Y`W`bg]XYf`U`A;c`"5`[i`Uf`Xc`U`  
cdcf`h`b]XUXY`XY`X]gM]h`f`dYggc`U`a`Ybh`Ug]f`U`h`NYg]dY`Ug`  
ei`U]g]gci`Udf`cdf]Uxc`dUFU`Yg]h`dcg]A;c`"Dcf`Z]j`cf`Ybh`fY`  
Ya`Wzb`Huc`Wza`][c`j]U`""

GY`i gJ`dUFU`XUf`cg]XU`cg]XY`Wzb`HUM]c`midUFU`U]`f`UX`WUf`U`Ya`d`YUxc`f`dcf`h`ca`Uf`Yb`W`Ybh`U`h`gc`]V]h`X`XY`Ya`d`Yc`

... ( )

7`cf`X]U`a`Ybh`Z`

:`cfa`U`z`bca`VfY`XY`XYg]h]bU]Uf]c`XYg]Wzb`V]Xc`

... ( )

5`h`b`V]cg]a`Ybh`Z`

:`cfa`U`za`i`mi`g]Uxc`z`XYg]h]bU]Uf]c`Wzb`V]Xc`

Gc`]M]h XYg  
7 UfhU'XY'DfYgYbhUM]i b



... , ... ( )  
: cfa Užbc'hUb i gJXczXYgh]bUhf]c VčbcV]Xc

7 ca 'Yj UXU'Ygh]a Už

. ... .  
=bZcfa UžYbhfY'gcV]cg'XY'bY[ cV]cgjei Y'gY'hi hYUb

@Ya VfUbÃUgž