

# <D DU[ YK ]XY 7c`cf A: D ++( Df]bhYf gYf]Yg



5ZcfXUVY W`cfza Ul ]a i a i dh]a YzUbX grfcb[ gYWf]mZfca Uga Ufrz  
YZZVYbhA: D"

6i g]bYgg a cj Yg ZUghzUbX g`ck ]b[ Xck b a YUbg ZU`]b[ VY\]bX" h]g k \m<D Vi ]hh\Y bYI h  
[ YbYfU]cb cZ<D DU[ YK ]XY A: Dg] hc dck Yf dfcXi Vm] ]m k ]h Uga UfrzYZZVYbhXYg][ b h\U  
XY]j Yfg h\Y `ck YghW`cf W`ghz a Ul ]a i a i dh]a YzUbX grfcb[ gYWf]m

8nbUa ]MgYf]m8nbUa ]MgYf]mYbUVYX  
df]bhYf" Cb]m]bhYbXYX hc VY i gYX k ]h  
Wf]f]X[ Yg i g]b[ Ub <D cf][ ]bU W]d" 7Uff]X[ Yg  
i g]b[ U]bcb<D W]d a Umbchk cf\_ZUbX h]cgY  
h\Uk cf\_ hXUla Umbchk cf\_]b h\Y Z h fY"  
\\hd.##k k k "\d\W]a # c#YUfbUci h] dd"]Yg

H\Y `ck YghW`ghZcf W`cf\*

- Yh\Y ei U]mnci Yl dYVik ]h <D DU[ YK ]XY H\Wbc`c[ m]h\UhXY"] Yfg h\Y `ck YghW`ghZcf dU[ Y\*\*
- Df]bhYf Yb ZUghYf` UbX g]j Y Yj Yb a cfY dyf dU[ Y` VmgYf]h]b[ h]g df]bhYf hc ; YbYfU CZZ]W a cXY"
- <Yd\_YyD YbYf] mW`ghz Xck b k ]h h\Y a cghYZZVYbhA: D ]b ]hg WUgg\*

A]b]a U ]bhYf] dh]cbg" AU ]a i a i dh]a Y"

- A ]b]a ]nY ]bhYf] dh]cbg k ]h Ub <D DU[ YK ]XY A: D XYg][ bYX Zcf h\Y YUgha U]bhYbUbW ]b ]hg WUgg"
- Df]bhgdyYXgi d hc ) \$i ZUghYf h\U W]a dYh]c fgt` Ug ZUghUg \*) dda ]b W`cf UbX V]UW] UbX k \ ]h"
- Df]bhA ]M]cgcZfE k cX U]bX Dck YfDc]b]hE Z]Yg k ]h U] G6 dcf]h\Uhei ]M]mfYW`[ b]nYgZcf]a UhgZUbX df]bhg"
- Cf[ Ub]nYzghUd YzUbX W`UH YcW]a Ybhg k ]h ]b ]bY Z]b]g\]b[ h\Uh\Y dgnci g]j Y h]a Y UbX `cc\_ dfcZ]gg]cbU"



<D DU[ YK ]XY 7c`cf A: D ++(Xb

Gfcb[ gYWf]mXYg][ bYX hc XYHVMU]bX g]cd UH]Wg

- 5 gi ]h cZYa VYXXYX gYWf]mZ]Uhi fYg \Yd dfc]hV]h]g]A: D Z]ca VY]b[ Ub Yb]fmdc]b]hZcf UH]Wg"
- <Yd Ybgi fY h\Y gYWf]mZ]W]bZ]Yb]h]U ]b]z]fa U]h]cb" 9bhYf U]D]B U]h\Y XY] ]W hc fYf]Y Y nci f df]bh`cV"
- 9Ug]mgYhW]bZ][ i f]h]cb dc ]M]Yg UbX U] hca U]h]m]nj U ]XU]H gYf]h]b[ gZcf Yj Yfm<D df]bhYf ]b nci f ZYf]h"
- H\k U]hdch]b]h]U UH]Wg UbX hU\_Y]a a YX]U]H U]h]cb k ]h ]og]ub]h]b]h]Z]M]h]cb cZgY]Wf]m]gg] Yg"



<D DU[ YK ]XY 7c`cf A: D ++(Xbg

8Yg][ bYX k ]h h\Y Yb] ]f]c]a Ybh]b]a ]bX

- 7cbg]f] YfYgci fWgk ]h <D DU[ YK ]XY` XYg][ bYX hc i gY`Ygg YbYf] m]h\Ub Ubm]UgYf A: D ]b ]hg WUgg\*
- H]g]A: D]a Yf]f]g][ cf]ci g]g]h]U]X]gZcf ]c WUgg) W]U]b]c]ca g]t` dYfZ]M]Zcf gYb]g]h] Y Yb] ]f]c]a Ybh]g"
- <Yd fYXi W nci f]a dU]W] 7ci bhcb YU]m]Wf]f]X[ YfY]W]M]b[ U]h]c W]U]f] Y]h]f]ci [ \ <D]D]UbYhD]U]f]bYf]g"
- ?Yd]b]c]g]Y hc U]a ]b]a i a ]k ]h Ub]A: D XYg][ bYX hc VY ei ]h]D]U]W ]h]b]Y]U]f]Ycd Yk ]h]ci h]X]g]i dh]b[ k cf."

\*@ck YghW`ghZcf dU[ Y W]a Udd]g]hc XY ]M]g]h\U]h]Y b]h]c]X i bXYf W]b]h]U]M 7ca dU]f]g]cb c<D DU[ YK ]XY 5` XY ]M]g k ]h h\Y a U]f]m]c]Z]b] WUgg W]cf ]b\_#U]gYf A: Dg]f] : zSS] +X - - UbX s&2; 8]s] s+Z(- LUbX W]cf ]b\_#U]gYf]g]b] Y z b]M]cb df]bh]f]g  
f]h] S]S] ` 8z - - UbX s% %s] s&2 % E]U]g]c]Z]U]b] U]f]h] V]f] U]f]m]s] %/a U]f\_Y]h]g]U]Y U]g]f]d]c]f]X V]m]87 U]g]c]Z E ( &S% " 7c]g]h]d]Yf dU[ Y ]f]D]D]E]f]d]c]f]X V]m] ]b]h]" ] Y]b]W D]f]M]b] / D]f]ca c]h]c]b]g]F]d]c]f]h]U]b] U]f]h] V]f] U]f]m]s] %/W]a dU]f]g]c]b]g]z]f] XY] ]M]g]g] dd ]Y]g]b]c]h]c]X i bXYf  
W]b]h]U]M]U]Y V]U]g]X]cb di V ]g]Y]X]g]d]Y]M]h]c]b]g]c]Z]h]Y a U]b] Z]M]h] f]Y]g \ ] \Y]g]h] W]b]U]f]m]W]f]f]X[ Y]g]z]b]W g]j Y c]Z]cb] ]Z] W]b]g] a U]V]g]UbX dU] Y ]m]X] S]j Y]U]f] Y <D ]m]X] V]U]g]X]cb 6C#97 & (+%L]b]X W]b]h]b]i ci g]d]f]h]b] ]b XY]Z]i ha cXY 5]M] U ]m]X]j U]f]g]V]U]g]X]cb W]b]h]b]h]c]Z  
df]bh]X dU] Y]g]Ub]X]c]h]Y]Z]M]f]g] : c]f a c]Y ]b]z]f]a U]h]c]b]g]Y ]h]d.##d]W]a # c#YU]f]b]U]ci h] dd"]Yg]UbX \]h]d.##d]W]a # c#DU[ YK ]XY 7]U]g] g` 9b]Yf] m]W]a V]U]g]X]cb ]H97 X]U]H]f]d]c]f]X]cb Y]b]Yf] ]m]U]f] c]j U]g]c]z V]f] U]f]m]s] % " 8]U]H]b]c]f]a U]n]Y]f]a ]b]Y Y]b]Yf] m]Z]Z]V]b]W]h  
c]Z]b] WUgg 5` W]cf U]g]Yf] df]bh]f]g]Ub]A: D]g]k ]h di V ]g]Y]X]g]d]Y]X]g]c]Z&S] hc , \$ dda Z]Y] W] X]b] c]h]Yf <D DU[ YK ]XY d]f]c]X ]M]g] G V]Y]M]h]c] XY] ]W] g]Y]h]b] ]g] 5]M] U ]f]g ]h]a U]n] U]m] 7ca dU]f]g]cb V]U]g]X]cb df]bh]b] ]b] D]f]c]Z]gg]cb]U a cXY` : Yk Yf] g]f] ]W] dU]f]g] W]a V]U]g]X]cb <D  
Ub]U]m]g]c]Z] Y]U]X]b] ]b] WUgg 5` W]cf U]g]Yf] df]bh]f]g]Ub]A: D]g]U]g]c]z V]f] U]f]m]s] % /W]W] U]h]c]b]g]i g]Y di V]M]h]U] U]U]V]Y U]b]X]E]f] di V ]g]Y]X]a U]b] Z]M]h] f]Y]f]U]X]m]X]g]z]f]cb] ]Z] W]b]g] a U]V]g]UbX]U]g]g] a Y` :SS]Z]S]S] dU] Y]g]df]bh]X]f]g]b] U` S]i V]U]W]f] S]i W]cf f]u]h]c]e]@U]b]a c]Y  
U]h]V]h]d.##d]W]a # c#DU[ YK ]XY W]a g` 7ca dU]f]g]cb c<D DU[ YK ]XY 5` XY ]M]g k ]h h\Y a U]f]m]c]Z]b] WUgg W]cf ]b\_#U]gYf A: Dg]f] : zSS] : %8z - - UbX s&2; 8]s] s% %s] s&2z - LUbX W]cf ]b\_#U]gYf]g]b] Y z b]M]cb df]bh]f]g]f]h] S]S] : ( 8z - UbX s% %s] s(- E]U]g]c]Z]d]f] 8]S%  
Y] W] X]b] c]h]Yf <D DU[ YK ]XY d]f]c]X ]M]g] W]a d]Y]h] ] Y]g]h]U]Y X]U]H]U]g]f]d]c]f]X V]m]87 U]g]c]Z E ( &S%+Z]A G]F]D]X]U]H]d]f]c]j]X]Y]V]m] ]d] ]b]h]" ] Y]b]W U]b]X]E]f] 6i ]m]f]g]@U]M] <D DU[ YK ]XY g]d]Y]X]g]V]U]g]X]cb : Y]b]Y]U] CZZ]W a cXY UbX Y] W] XY Z]gh]dU] ]Y]@U]b]a c]Y U]h  
]h]d.##d]W]a # c#df]bh]f]g]Y]Y]g] : Y]U]h]f]k] c]g]k ]h A ]M]c]gc]Z]E k c]X]U]b]X]D]ck Y]f]D]c]b]h]E]8]S] UbX U]H]f] C]b]m]h]b] ]b]i U]f] Y]Z]b]g]U]Y]g] d]d]c]f]X]Y` F]Yei ]Y]g]g]d]U]U]H]d]f] W]U]g] : c]f XY]U]g]g]Y]Y]h]d.##d]W]a # c]g]Y]W]f]m]a U]b]U]f]Y] : D]f]c]f]a U] ]U]U] ]m]j U]f]Y]g] : c]f a c]Y  
]b]z]f]a U]h]c]b]g]i ]h]h]d.##d]W]a # W]W]W"



## <D GYf] JWg

8ck bhja Y WUb \Uj Y gYf]ci g WzbgYei YbWgžgc  
<D dfcj ]XYg gi ddcfhVYmcbX hY gHUbXUFX  
k UffUbm!Mdi VYbYZhZca fYXi WX f]g\_z  
a U ]a ]nYXi dhja YzdfYX]MUV Y gyfj ]W XY"] Yfm  
UbX bc i bVi X[ YHfX fYdU]f Wzghg" <D 7UFY DUW\_  
GYf] JWg dfcj ]XY U Wza dFY\Ybgj] Y gi ]hY cZ  
dfchV]cb gyfj ]Wg XYg] bYX hc \_YYd <D  
\UFXk UY Ubx gcZk UY i d Ubx fi bb]b[ gc  
Ya d'cnyYg WUb ghUmdfcXi W]j Y"

## Hcd ZUhi fYg

7c`cf df]bh]b[ ]gk ]h] b Y] YfmVi g]bYgg Vi X[ Yhk ]h <D DU[ YK ]XY HfWbc`c[ m] hXY"] Yfg hY  
'ck YghWzghdYf Wz`cf dU[ Y\*Zc fdcZygg]cbU!ei U ]]mfYgi hg nci YI dYWzZca <D# Ub Yi Wdh]cbU  
j U i Y nci WUb fY'mcb"

5bbcn]b[ ]bhYfi dh]cbg UbX Wza d'Yi a U]bhYbUbW WUb g'ck Xck b df]bh]b[ UbXzi 'hja UH' nzhHY  
dUW cZVi g]bYgg" 5] c]X dU] gYg ]b dfcXi W]j ]mk ]h Ub <D DU[ YK ]XY A: D XYg] bYX Zc f  
a U ]a i a i dhja Y# gc nci WUb Wzi bhcb fY"]UV Y fYgi 'rg XUm] b UbX XUmc i"

<D Df]bhGYWf]m]gb,h' ghUvci hgYWf]b[ nci f df]bhYfg" h]g UVci h\Y d]b[ hc gyWfY nci f  
bYfK cf\_k ]h fYU! hja Y h.fYUhXYHfW]cbzU! hca UHYX a cb]rcf]b[ ž UbX gcZk UY  
j U ]U]cb# XYg] bYX hc XYHfW]UbX g'cd Ub UHfUW\_ Uj ]h \UddYbg"

GU ]b[ fYci fWg ]g YHfYf Zc f hY d'UbYhUbX Y] YfmVi g]bYgg Vchca 'bY" <Y'd \_YYd Wzghg`ck  
k ]h hY a cghYZZ]WbhA: D ]b ]hg WUgg^ <D DU[ YK ]XY HfWbc`c[ m] gYg Ygg YbYf[ m]h Ub Ubm  
'UgYf Wza dYh]rc# k \]Y XY"] Yf]b[ \] \ dYfZca UbW"

: cf WfYdUW\_ Uj U]UW"]m] j]h \d'Wza # c#A#W

## 5WggcfYg

5+k -- 5' ! <D DU[ YK ]XY ) \$! G\YhDUdYf HfUm  
K %) \$5' ! <D DU[ YK ]XY ) \$! g\YhDUdYf HfUmUbX GHUbX  
K %) %5' ! <D DU[ YK ]XY ( ) \$! g\YhDUdYf HfUmUbX GHUbX  
K %) &5' ! <D DU[ YK ]XY ( \$\$\$! g\YhDUdYf HfUmUbX GHUbX  
6) @, 5' ! <D`bh'fbU! G6 Dcftg  
6) @ %5' ! <D: cfY] [ b`bhYfZM^ <UfbYgg  
77(, +5' ! <D@]gYf>hA: D'5bUc[ ] \$\$\$: U! 5Wggcfm  
> \$' %5' ! <D>YH]fYV]M&- \$\$\$k Df]bhGYf Yf  
> \$' \$5' ! <D>YH]fYV]M' \$\$\$k B: 7#k ]fY Ygg 5Wggcfm  
&A I (+5' ! <D 5Wgg]V] ]m5gg]ghUbh

## G d d]Yg

A \$>, 5B' ! <D' - \$5'6'UW\_ DU[ YK ]XY 7Uff]X[ Y fi %\$Z\$ \$dU[ Ygt  
A \$>' 5B' ! <D' - \$5'7ntub DU[ YK ]XY 7Uff]X[ Y fi , Z\$ \$ \$ dU[ Ygt  
A \$>+5B' ! <D' - \$5' A U] YbhU DU[ YK ]XY 7Uff]X[ Y fi , Z\$ \$ \$ dU[ Ygt  
A \$> %5B' ! <D' - \$5' M`ck DU[ YK ]XY 7Uff]X[ Y fi , Z\$ \$ \$ dU[ Ygt  
A \$? %5B' ! <D' - \$5' 6'UW\_ DU[ YK ]XY 7Uff]X[ Y fi &\$Z\$ \$ \$ dU[ Ygt  
A \$>, 5B' ! <D' - \$5' 7ntub DU[ YK ]XY 7Uff]X[ Y fi % Z\$ \$ \$ dU[ Ygt  
A \$>' 5B' ! <D' - \$5' A U] YbhU DU[ YK ]XY 7Uff]X[ Y fi % Z\$ \$ \$ dU[ Ygt  
A \$>+5B' ! <D' - \$5' M`ck DU[ YK ]XY 7Uff]X[ Y fi % Z\$ \$ \$ dU[ Ygt

## Gyf] JWg

### <D DU[ YK ]XY 7c`cf A: D++( Xb

I 5( > 9' ! <D( mYUF BYI h6i g]bYgg 8UmK #8YZVW] Y A YX]U F YHbh]cb Gyf] JW Zc f DU[ YK ]XY Dfc A: D++( '  
I 5( ? \$9' ! <D( mYUF BYI h6i g]bYgg 8UmK #8YZVW] Y A YX]U F YHbh]cb Gyf] JW Zc f DU[ YK ]XY Dfc A: D++( '  
I 5( ? \$9' ! <D( mYUF BYI h6i g]bYgg 8UmK #8YZVW] Y A YX]U F YHbh]cb Gyf] JW Zc f DU[ YK ]XY Dfc A: D++( '  
I - +H&9' ! <D`hghGJ 7k #k K cf\_] fci d Df]bhYf

%@ek YghWzghdYf W'cf dU[ Y W]ja Udd]g]hc XY] ]Wg]hLUHfY bchgc: Xi bXYf WbHfUM 7ca dU]gcb z<D DU[ YK ]XY 5' XY] ]Wgk ]h hY a Uef]mZ] ]b WUgg W'cf ]b\_#UgYf A: Dg fi' zSSS! +Z - - UbX s&2; &S! s+Z(- EUbX W'cf ]b\_#UgYf g]b] Y ž bW]cb df]bhYf  
fi %\$ S\$! - - UbX s% %\$! s&2 % EUbX z-ubi Ufne YVfi UfM&S% /a Uf\_Yhg]UfY UfYf dcf]X Vm&7 Ug cZE ( &S% " 7cghdYf dU] Y fDDE fYdcf]X Vm] U] ]h"] ]YbW Df]M] / Dfca ch]cbg Fydcf]h-ubi Ufne YVfi UfM&S% /Wza dU]gcb ž f XY] ]Wg] dd ]g]bchgc: Xi bXYf  
WbHfUM UfY VUgYX cb di V ]g]YX gdYV]M] h]cbgcZ hY a Ubi ZM] fYf ] \Ygh WUb]m W]Hf]X] YgžbW g] Y cZ cb] ]Z' Wbgi a UY Yg UbX dU] Y mY'X' S] YfU Y <D mY'X VUgYX cb @C#97 & (+% UbX Wb]bi ci gdf]bh]b[ ]b XY Z]i ha cY" 5M U mY'X ] Uf]g VUgYX cb WbH]bhcZ  
df]bhX dU] Yg UbX chYf ZM] fYf: cf a cY ]bZfa U]h]bzgY Vhd.#Ad'Wza # c#YUfbU]ci h] dd]Yg UbX Vhd.#Ad'Wza # c#DU[ YK ]XY 7U]a g' % 9bYf] mWU]a VUgYX cb H97 XUHU fYdcf]X cb YbYf] m]U]U' c] Ug cZ: Vfi UfM&S% " 8UHU bcf]a U]nYX hc XHfYa ]bY YbYf] mY Z]W]bW]bhcZ  
]b] WUgg 5' W'cf ]gYf df]bhYf UbX A: Dgk ]h di V ]g]YX gdYV]M] cZ&S hc , \$ dda zYi W X]b] chYf <D DU[ YK ]XY dfcX W]g V V]W]hc XY] ]W gYf]b] g' 5M U fYgi tga U]j UfM' 7ca dU]gcb VUgYX cb df]bh]b[ ]b DfcZygg]cbU a cY" (- : Yk Yf gYf] ]W dU]g W]ja VUgYX cb <D  
U]n]g]cZ YU]b] ]b] WUgg 5' W'cf ]gYf df]bhYf UbX A: Dg]g cZ: Vfi UfM&S% /M]W U]h]bgi gy di V ]W]h] U]U]Y U]bXef di V ]g]YX a Ubi ZM] fYf fU]X mY'Xg ž f cb] ]Z' Wbgi a UY Yg UbX Ugg a Y \*SS\$S\$ dU] Yg df]bhX ]b] g]b] U' S! VUW] ( S! W'cf ]h]h]e' @U]b a cY U  
hVhd.#Ad'Wza # c#DU[ YK ]XY W]ja g' 7ca dU]gcb cZ <D DU[ YK ]XY 5' XY] ]Wgk ]h hY a Uef]mZ] ]b WUgg W'cf ]b\_#UgYf A: Dg fi' zSSS! %Z&- - UbX s&2; &S! s%Z&- - EUbX W'cf ]b\_#UgYf g]b] Y ž bW]cb df]bhYf g] %\$ S\$! (- Z&- - UbX s% %\$! s (- EUbX zSdf] &S%  
YI W X]b] chYf <D DU[ YK ]XY dfcX W]g]Wza dYf] Y g]hVUgYX cb a Uf\_Yhg]UfY XUHU UfYdcf]X Vm&7 Ug cZE ( &S% zA Cf D XUHU dfc] YX Vm] U] ]h"] ]YbW U]bXef 6i mYf] @U' <D DU[ YK ]XY gdYV]M] VUgYX cb: YbYfU CZ]W a cY U]b YI WY Zf]gdU] Y @U]b a cY U  
hVhd.#Ad'Wza # c#df]bhYf gYf] : YU fYf k g' ]h A ]M]g: ž E K cf U]b Dck YfD]h]e: &S' UbX UHf' cb m]h]b] U]b] i U] Y Z]bh]U]g g' ddcf]X " F Yei ]Y]g]dU]U]V di fW]g] : cf XH]U]g gYf] Vhd.#Ad'Wza # c#gYf]m]a U]b] Yf' Dfc] f]a U] U]U]m] U]f]g' : cf a cY  
]bZfa U]h]bz] ]h] Vhd.#Ad'Wza # YVWV"

