

Gc``]M]hYfYb  
Gc``]M]h]YVf]YZ



Gc``]M]h]YVf]YZ!`5Ub\YZ

5fUM]gW

Dcfh [ Yg

DfYrLXc'GYb\cfž

7Ufc'GYb\cfž

: cfa Y'ža UbbY]^\_Y[YUXfYggYfXYžbUa `cbVY\_YbX

DfYrLXU'GYb\cfUž

7UFU'GYb\cfUž

: cfa Y'žj fci k Y]^\_Y[YUXfYggYfXYžbUa `cbVY\_YbX

P

DfYrLXcfU'GYb\cfUž

7UfcU'GYb\cfUž

: cfa Y'žbUa `Yb[YgUW]hj Ub`XY[YUXfYggYfXY`cbVY\_YbX

DfYrLXcgjGYb\cfYgž

7UfcgjGYb\cfYgž

: cfa Y'žYb[fcYd`cbVY\_YbXY`a YbgYb`cZYb`UZY]b[ `k cfXhUUb[Ygdfc\_Yb

5`ei Ya `dcegU]b]hYfYggUfž

: cfa Y'žbUa `Yb[YgUW]hj Ub`XY[YUXfYggYfXYfb]j c``YX][ `cbVY\_YbX

DfYrLXc'Gf"G]j Už

7Ufc'Gf"G]j Už

: cfa Y'ža UbbY]^\_Y[YUXfYggYfXYžbUa `VY\_YbX

DfYrLXU'Gf"G]j Už

7UFU'Gf"G]j Už

: cfa Y'žj fci k Y]^\_Y[YUXfYggYfXYž[ \i k XžbUa `VY\_YbX

DfYrLXU'Gfh"G]j Už

7UFU'Gfh"G]j Už

: cfa Y'žj fci k Y]^\_Y[YUXfYggYfXYžcb[ \i k XžbUa `VY\_YbX

DfYrLXU'Gf"G]j Už

7UFU'Gf"G]j Už

: cfa Y'žj fci k Y]^\_Y[YUXfYggYfXYžVi f[Yf]^\_Y`ghUhcVY\_YbXžbUa `VY\_YbX

Gc`][M]HYfYb  
Gc`][M]Hh]YVf]YZ



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

A ]bXYf`Zcfa YY`ža Yb`\\YYZhfYYXgnU\_Yb`a YhXY`[ YUXfYggYfXY`[ YXUub

9i`[cg]UF]U`XY`WbX]XUUF!a YUc`Wf[c`XY`""ei Y`Zc]  
Ubi b]UXc`Ya`#bc`#bU`""Ya`""

GHubXUFXn]b]j ccf`Yyb`gc`][M]Hh]Y`bUf`Uub`Y]X]b]j` Ub`Yyb]j UWhi fY]b`Yyb`\_fUbcZ]h`Xg]Wf]Zh

9g]fY]c`Ya`fYg]c]U`Uc`Ub`Ob]V]c`di V]W]Xc`Ya`#bc`#bU`""

GHubXUFXn]b]j ccf`Yyb`gc`][M]Hh]Y`bUf`Uub`Y]X]b]j` Ub`Yyb]j UWhi fY`cd`]bh]fb]Yh

F YZ]f]c]a YUc`g]i` Ub`Ob]V]c`Ya`#bc`#bU`""XU]UXc`XY`""

GHubXUFXn]b]ca`i`]h]h`Y`[ Yb`k`Uf`XY]j UWhi fY`[ Yj`cbXYb]g

9i`][c`g]i` Ub`Ob]V]c`gc`VfY]i` a`fUc`""Y]dYf]Yb]h`""bc]fUc`""  
YX]Ā;c`XY`""z`Y`h]b`c`[ fU]bXY]bh]fYgg]bU]j`U`U`

GHubXUFXn]b]j ccf`Yyb`gc`][M]Hh]Y`bUf`Uub`Y]X]b]j` Ub`Yyb]j UWhi fY]b`Yyb`h]Xg]Wf]Zh]c]Z]j`U\_]h]Xg]Wf]Zh

J Yb`cz]dcf`a`Y]c`XYg]Uc`WbX]XUUF!a`Y`%dcg]Ā;c`  
Ubi b]UXUc`V]a`c`""

GHubXUFXn]b]j ccf`Yh]gc`][M]HYfYb`bUf`Yyb`VUub

9i`[cg]UF]U`XY`WbX]H]UF!a YUc`Wf[c`XY`""

GHubXUFXn]b]j ccf`Yh]gc`][M]HYfYb`bUf`Yyb`VUub

5hi`U`a`Yb]h]f]U]U`c`dUfU`""Y`gci`fYg]cb]g]j`Y`dcf`""

C`dYb]b]g]n]b]ca`XY`U]h`Y`Y`k`Yf`nU]a`\\YX]b]h]VYg]Wf]j`Yb

Gc`][M]Hh]YVf]YZ!`A`ch]j`U]h]Y

Gc``]M]hYfYb

Gc``]M]hYf]YZ



5fUM]gW

Gc`][M]hYfYb  
Gc`][M]hUj]YVf]YZ



Dcfhi [ YGg

9gci `dUfh]W`Ufa YbhY]bhYfYgg]Xc`bYghY`fUWU`c`#Mf[ cz  
Vta c`""

A chj UjYj ccf`XY]bhYfYggY`j ccf`Yb`VYdUWXY`VUub

9i [cgUf]U`XY`fUWU`Uf`dUfU`""fbca Y`XU`Ya dfYgUzU  
Zja `XY`""

A chj UjYj ccf`XY]bhYfYggY`j ccf`Yb`VYdUWXY`VUub

A Yi gdcbhcgZcfHYgg;c`""

6YgMf]j]b[ `j Ub`ci k `j ccfbUa gh`Y][ YbgMlUddYb

9i `X]f]Uei YUa ]b\UÖb]M]ZUei YnU`#Uga ]b\UgÖb]M]g  
ZUei YnUjg;c`""7 cbh XczYgci `hYbUbx`a Y`cfUf  
bYghYfj;UgdMkcfj`

" P

6YgMf]j]b[ `j Ub`ci k `nk U\_\_Y`di bhYbžj YfVcbXYb`a YhXY`j UghYfUXYb`Y]X`Xyn`h`j YfWYfYb

5VfX]hc`ei Ygci `]bX]M]Xc`dUfU`c`fUWU`c`dc]g`""

.....

A chj UjYk Ufca `j`^Yb[ YgM]\_h`\_UbX]XUuhj ccf`XY`VUub`Yb

9a VcfU`Yi `b;c`hYb`U`Yi dYf]45]U`UbhYf]cf`Ya `""Z`Yi `h] Y  
""

.....

I ]hY[ `k Ufca `Y`b`Yb`VYdUW`X`j U\_[ YV]YX`bc[ `b]Yh[ Yk Yf\_h`YVh`a Uf`k Y `UbXYfY`Yfj Uf]b[ Yb`YVhcd[ YXUub

A ]b\Ugei U]Z]M]ÑYg#Vta dYh45]UgdfcZ]gg]cbUlg  
dUfWVa YghUf`XY`UmfXc`Vta `UgbYVgg]XUXYgXU`g U  
Ya dfYgU`"

6YgMf]j]b[ `j Ub`XY`Y][ Ybj UfX][ \YXybžX]Y`ci `j ccf`XY`VUub [ YgM]\_ha U\_Yb

8i fUbh`a Yi `hYa dc`Vta c`""Z`Yi `UdYfZ]ÃcY] #UdfcZ] bXY]  
#YghYbX] #a Yi `Vtb`Y]a Ybhc`Ya `""

.....

6YgMf]j]b[ `j Ub`XY`Y][ Ybj UfX][ \YXyb`]b`Yb`VYdUW`X`j U\_[ YV]YX`Yb`Y`h] Yfa c[ Yb`b]Yi k Y`j UfX][ \YXyb`h`  
j Yfk Yfj Yb

Gc`][M]hfyb  
Gc`][M]h]YVf]YZ



..... . . A ]b\U'1EYU'XY'YgdW]U]nU'c'Ä'""#Gci 'YgdW]U]nUXcfUk  
Ya ""

6YgWf]j]b[ ] Ub`Yhj U\_[ YV]YX'k Uf]b`Y'XY'a YgY' \_Ybb]gYb'Yfj Uf]b[ `YVh

..... . . 5dYgUf`XY'fUMU`UF Ya #Wta ""z'hcfbY]!a Y  
YI fYa Ua YbY'Wta dYhYbY'Ya ""

6YgWf]j]b[ ] Ub`XY'Y][ Yb] UfX][ \XYb`]b`Yb`VdU'X'j U\_[ YV]YX'Yb`Yhj Yfa c[ Yb`b]Yi k Y'j UfX][ \XYb`Y  
j Yfk Yfj Yb

..... . . 5]bXU'ei Y'fUMU`UbXc'Ya 'f]ha c'UWYfUXczYi 'b;c'gci  
bY[ ]][ YbY'Y'fUMU`c'Wta 'dfY]g;c'z'gYbXc'z'dcf]Ubcz  
UXYei UXC'dU'U'UgXYa UbXUgXc'fUMU`c'Wta c""

6YgWf]j]b[ ] Ub`ci k [ YgW]\_hY]X]j ccf'XY'VUub'cd'VUg]gj Ub`YfXYfY'k Yf\_Yfj Uf]b[

..... . . Gci 'WdU'XY'a UbYf' i a 'Uhc'dUXf;c'XY'fUMU`cz  
a Yga c'gcV'dfYgg;c"

6YgWf]j]b[ ] Ub`Yhj Yfa c[ Yb'ca ]b`Yb] Y'Y]gYbXY'k Yf\_ca [ Y] ]b[ 'h'k Yf\_Yb

..... . . 8YgU'Zcfa UYi 'hY]U'U'cdcfh b]XUXY'XY'WbW]Uf'cg  
a Yi g]bYfYggYgWta 'YgU'W'c'WÄ;c"

A ch]j Yf]b[ ] Ub`XY'dYfgccb`]^\_Y]bYfYggY'j ccf'XY'VUub

..... . . 9i 'hYb`c'YgdW]U ]bYfYggY'Ya #bc:#U""Y[ cg]Uf]U'hY' U  
cdcfh b]XUXY#WUW'XY'Ua d']Uf'a Yi gWb`W]a Ybhcg'  
fUMU`UbXc'Ya #bc:#U""fbca Y'XU'Ya dfYgU'!

A ch]j Yf]b[ ] Ub`XY'dYfgccb`]^\_Y]bYfYggY'j ccf'XY'VUub

..... . . 7ca c'dcXY'g'f'cVgYfj UXC'bc'a Yi 'WffÄW'c'UbYi czU  
a ]b\U'Yi dYf]W]U'Yei U]Z]WÄ'NgW'fYgdcbXYa 'Ucg  
fYei ]g]hcgXYgU'dcg]Ä;c"

6YbUXfi \_\_Yb] Ub`YhVj'Yb'hcbYb`cY'[ cYX'XY'VUub'V]^ci 'nci 'dUggYb

Gc`]M]HfYb  
Gc`]M]Hh]Vf]YZ



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.....

A ]b\U'dc]Ā;c'Uhi U'Wta c'''XY#Kc:#XU'''za Y  
dfcdfV]cbci 'Ucdfh b]XUXYXY'fUMU\UF Ya 'i a  
La V]Ybh'XY[ fi dc'XYUHU'dfYgg;cžcbXY'Ā'YggYbV]U'g'f  
WdUh'XY'fUMU\UF Wta 'Wt'Y[UžUZ]a 'XY'Wa df]f  
dfU'ncg''

6Yg]Mf]j] ]b[ 'j Ub'XY'j UFX][ \XYyb'X]Y'Y'V]^Y'i ]X][ Y'VUub \Y'hj Yfk cfj Yb

.....  
.....  
.....

5'Āa 'XY'a ]b\Ug'fYg]cbg]M] ]XUXYgWta c'''zYi 'hLa VĀa  
XYg]bj c'j ]\UM] ]XUXYgWta dYh'fV]UgYa ''''

6Yg]Mf]j] ]b[ 'j Ub'Yi hfUj UFX][ \XYyb'X]Y'Y'V]^Y'i ]X][ Y'VUub \Y'hj Yfk cfj Yb'za Uf'X]Y'b]YhV]^\_Yb'i ]h'Y  
dfcZ]gg]cbY'Y'WfcYdgca g]Mf]j] ]b[

Gc`]M]Hh]Vf]YZ! 'J UFX][ \XYyb

5fUM]gW

Dcfh [ YG

.....  
.....  
.....

A ]b\U'df]a Y]fU'Ēb[i UĀ'''za Ug'hLa VĀa 'Z]c''''

6Yg]Mf]j] ]b[ 'j Ub'XY'a c'XYf]hU'Yb'XY'UbXYfY'fU'Yb'X]Y'Y'gdfY'Y\_h

.....  
.....  
.....

9i 'Z]c''''Wta 'Zi 'fV]U'  
Gci 'Zi Ybh'Ya ''''

6Yg]Mf]j] ]b[ 'j Ub'XY'j fY'a XY'fU'YbžX]Y'Y'cd'Yyb'\cc[ 'b]j YU 'V\Yfgh

.....  
.....  
.....

9i 'hYb\c'Wb\W]a Ybhc ]bh'fa YX]½]c'XY''''

6Yg]Mf]j] ]b[ 'j Ub'XY'j fY'a XY'fU'YbžX]Y'Y'cd'Yyb'[ Ya ]XXY'X'b]j YU 'V\Yfgh

.....  
.....  
.....

9i 'hYb\c''''UbcgXY'Yi dYf]fV]U'XY'fUMU\c'Ya '#Wta c''''

6Yg]Mf]j] ]b[ 'j Ub'ei k 'Yf] Uf]b[ 'j]b'Yyb'VdU'X'j U\_]YV]YX

.....  
.....  
.....

9i 'hYb\c'Yi dYf]fV]U'Ya '#Wta ''''

6Yg]Mf]j] ]b[ 'j Ub'XY'Wta di hf] UFX][ \XYyb

.....  
.....  
.....

9i 'UMYX]hc'hf'U'Wta V]bU'Ā;c'UXYeI UXU'XY''''Y''''''

6Yg]Mf]j] ]b[ 'j Ub'XY'i ]h'YVU'UbWYfX\Y]X'j Ub'XY'Y][ Yb'j UFX][ \XYyb

Gc`][M]HfYb  
Gc`][M]Hh]Vf]YZ



9I WYbH\UW]XUXYXYWta i b]WÃ;c

J Yfa c[ Yb']bZcfa U]Y'i ]hiY'k ]ggY'Yb'Yb'X]b[ Yb'i ]hiY''Y[ [ Yb

F UM]cVb]c'XYXi Hj c

J Yfa c[ Yb'ca 'X]b[ Yb'gbY 'H'VY[ f]'dYb'Yb'XcY'fYZYbX'i ]hiY''Y[ [ Yb

DYbgJa Ybhc'Í [ ]Wt

J Yfa c[ Yb'ca 'Y][ Yb']XYYCb'dfV]Yg'Yb'XccfXUM'hiY'VXYb\_Yb

< UW]XUXYgUbUÉ]Wg

J Yfa c[ Yb'ca 'X]b[ Yb' [ YXYH]''YfX'H'VYccfXY'Yb

6ca 'fYUM]cbUa Ybhc']bhYf'dYggcU

J Yfa c[ Yb'ca '[ cYX'a YhWt''Y[ U]g]La Yb'HY'k Yf\_Yb'Yb'HY'Wta a i b]WfYb

< UW]XUXYgXY'bY[ c]UÃ;c

J Yfa c[ Yb'ca 'g WWg c`nU\_Yb'HY'XcYb'a YhUbXYfY'VYXf]j Yb

< UW]XUXYgXY'Wta i b]WÃ;c

J Yfa c[ Yb'ca 'XYYCb'Uub'Yyb [ fchY' [ fcYd'HY'dfYgYbhYfYb

Gc`][M]Hh]Vf]YZ! '5Zgi ]h]b[

5fUM]gW

Dcfhi [ YG

9gci 'a i ]rc'a chj UXc'YUbg]c'dYc'fUMU\c

X]j Yfg]WXC'ei Yi a 'Wf[ c'bYgU'Ya dfYgJ'dfcdcf]cbU'

"

5Zgi ]h]b[ 'Yb'\Yf\U]b[ j Ub'XY'k YbgV]^\YhVYXf]'ZHY'k ]''Yb'k Yf\_Yb

P

9i 'j Y'c'Ugbcj UgUrf]Vi ]ÃÑg#YgUdcdg]Ã;c'Wta c'i a  
YI WYbH'XYg]Z]c"

5Zgi ]h]b[ 'Yb'\Yf\U]b[ j Ub'XY'k YbgV]^\YhVYXf]'ZHY'k ]''Yb'k Yf\_Yb

Gc`][M]hYfYb  
Gc`][M]hYfYb



9i [cg]Uf]U'XY'hf'U'cdcfh b]XUXY'XY'X]gM/hf'a U]g  
XYU\Yg]cVfYUj U[U'dYggcUa Ybh'"

5 Zgi ]h]b[ 'Yb]j Yfk ]h]b[ 'bUf'Yb'a c[ Y ]^\_gc`][M]hYfY[ YgdfY\_

A Yi 'Wff]W^c'YbW]b]U'gY'UbYI c'dUfU'g U'UdfY]U]c"

GhUbXUfXn]b'a Yhj Yfk ]h]b[ 'bUf'\YhV]^[ Yj cY[XY'Wff]W'i a 'j ]hY#j/

9i 'dcggc'ZcfbYWf'fYZf]U'g]gY'bYW]g]c"

GhUbXUfXn]b'a Yhj Yfk ]h]b[ 'bUf'fYZfYbh]Yg

F YZf]U'g]dcXYa 'gYf'gc][M]hYfY[ YgdfY\_

J Yfk ]h]b[ 'bUf'fYZfYbh]Yg'Yb'W]b]U'gY'UbYI c'dUfU'g U'UdfY]U]c"

9g]ci 'X]g]dc]b]Y 'dUfU'Yb]fYj ]g]U'Ya '"

J Yfk ]h]b[ 'XU'h'Y'VYg]W\_]VUf'VYbhj ccf'Yb'gc`][M]hYfY[ YgdfY\_

C Vf][ Uxc'dcf'g]i 'hYa dc'Y'W]b]U'gY'UbYI c'dUfU'g U'UdfY]U]c"  
5 [i UfXc'U cdcf h b]XUXY'XY'X]gM/hf' dYggcUa Ybh'Ug]fU'h]Yg]dY Uj  
ei U]g]g]ci 'Udfcdf]Uxc'dUfU'Yg]U'dcg]c" Dcf 'Z]j cf Yb]fY  
Ya 'W]b]U'gY'UbYI c'dUfU'g U'UdfY]U]c"

J Yfk ]h]b[ 'bUf'XY'W]b]U'gY'UbYI c'dUfU'g U'UdfY]U]c"

7 cfX]Ua Ybh]Z

: cfa Y'Z]bU]a 'j Ub'XY'[ YUXfYggYfXY'cbWY\_YbX



Gc``]M]hYfYb

Gc``]M]hUj]YVf]YZ



5 hrbV]cgJa YbHž

: cfa YYžnYf' [ Wfi ]\_Y]^\_ž [ YUXfYggYfXY'cbWY\_YbX

7 ca `Yyj UXUYg]a Už

: cfa YYžb]YhYf' [ Wfi ]\_Y]^\_žbUa 'j Ub`XY' [ YUXfYggYfXY`VY\_YbX

·P

@Ya VfUbÄUž

=bZcfa YYžnU\_YbdUfbYfg'hi hcmYfYb`Y`Uf