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9,%,:/&#)%&(#!</th><th>DV</th></tr><tr><td>G)#4%(#\$!</td><td>XJ</td></tr><tr><td>E33,)*\$!</td><td>XJ</td></tr><tr><td>E33,#5&2!Z\$!E5)3%)M*,!A,\$(*'%&(#!H:(4,5':,\$!</td><td>XD</td></tr><tr><td>E5)3%)M*,!A,\$(*'\&(#!W3\&(#\$!</td><td>XX</td></tr><tr><td><math>E5)3\%)M^*,!A,\$(*'\(#!E>:,,/,#\)!</math></td><td>XK</td></tr><tr><td><math display="block">E5)3\%)M^*, !A, /, 5\&, \\$!(:!''\#\%, :@, \#\%\&(\#\\$!7(:!\%=,!.(**,>,!.(//'\#\&\%0!))))))</math></td><td>XI</td></tr><tr><td>E33,#5&2!.\$!G%'5,#%!G)#4%&(#&#>!H:(4,5':,\$!</td><td>XP</td></tr><tr><td>E33, #5&2!9\$!N)4'*%0!(:!G%)77!Y, /M, :!G)#4%&(#&#>!H:(4,5':,\$!)</td><td>XV</td></tr><tr><td></td><td></td></tr></tbody></table>
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,5'4)%&(#)\*!)4%&@&%O!(:!(%=,:!3:(>:) / !(7!%=,!&#\$%&%'%&(#-!)\$!F,\*\*!)\$!&#4&5,#%\$!%=)%!(44':!('%&&5,!(7!%=(\$,!,5'4)%&(#)\*!3:(>:) / \$!(:!)4%&@&%&,5'!F=,%=,:!%=,0!(44':!(#!(:!(77!4) / 3'\$-!&7-!M)\$,5!(#!%=,!)\*\*,>)%&(#\$-!%=,:,!&\$!:,)\$(#!%(!M,\*&,@,!%=)%!%=,!&#4&5,#%!4('\*5!4(#%:&M'%,!%(!)!=(\$%&\*,!,5'4)%&(#)\*!,#@&:(# / ,#%!(:!(%=,:F&\$,!&#%,:7,:,!F&%=!)!\$%'5,#%?\$!)44,\$\$!%(!,5'4)%&(#\_!

 $A_{,>}:5^{*},\$!(7!F=,\$=,:!)!4(/3^{*})\&\#\$!=)\$!M_{,,}\#!7\&^{*},5!'\#5_{,:!}\$=,!>:\&,@)\#4_{,}!3:(4,5':,\$!('\$\&\#,5!M,*(F-!))!)!A(',1)!=1$ 

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9&\$3):)%,!%:,)%/,#%!5&\$4:&/&#)%&(#!&\$!)#0!'#\*)F7'\*!5&\$%&#4%&(#-!3:,7,:,#4,-!(:!5,%:&/,#%!%(!)#! &#5&@&5')\*!)\$!4(/3):,5!%(!(%=,:\$!%=)%!&\$!M)\$,5!(#!)#!&#5&@&5')\*?\$!3:(%,4%,5!4 <u>: ', \$&/&)+6<#\$&7)6 : ', 7/'#'(&)'''(</u>6

9&\$3):)%,!&/3)4%!5&\$4:&/&#)%&(#!(44':\$!F=,#!%=,:,!&\$!\$'77&4&,#%!,@&5,#4,!%=)%!3(\*&4&,\$!(:!3:)4%&4,\$! %=)%!):,!#,'%:)\*!(#!%=,&:!7)4,!5&\$3:(3(:%&(#)%,\*0!,24\*'5,!(:!)5@,:\$,\*0!&/3)4%!3,:\$(#\$!F&&=&#!)! 3:()4\$#,'%:)0.2('5,)500.2(:.2(/)0.20.2(\$)-3))0.2412589.(%)0.2(92cmBT5000501956.494414Tr

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- d : ,3,) %,5!@,:M)\*!)M'\$,!(:!'\$,!(7!:)4&\$-!2,#(3=(M&4-!)#M&8E:)M-!(:!)#M&\$, / &M&4!\$':\$!(:! \$\*(>)#\$-!F=&4=!4('\*5!&#4\*'5,!&#\$'\*M&#>-!%,)\$&#>-!/(4c&#>-!5,>:)5&#>-!(:!:&5&4'\*&#>!) #(%=,:!3,:\$(#!(:!>:('3!:,>):5\*,\$\$!(7!F=,%=,:!%=,!3,:\$(#!&\$!)4%')\*\*O!)!/, / M,:!(7!%=,! >:('3`!) = ('3'!) = ('3'
- d &#)33:(3:&)%,!3=0\$&4)\*!4(#%)4%-!4(//,#%\$-!U',\$%&(#\$-!h(c,\$-!,3&%=,%\$-!(:!5,/)#5\$! M)\$,5!(#!(#,!(:!/(:,!3:(%,4%,5!(:!3,:4,&@,5!3:(%,4%,5!4=):)4%,:&\$%&4\$`!
- $d 5\&\$3*)O\&\#>!(77, \#\&\&@, ! / )\&, :\&)*!(:!5, 7)4\&\#>!)\#!\&\#5\&@\&5')*?\$!(:!\&=, !. (**, >, ?\$!3:(3, :&O! F\&\&=!=)&, 7'*!$O / M(*\$![\$'4=!)$!)!#((\$, -!\$F)\&\&c)-!(:!(\&=, :!=)&, !\$O / M(*\$-!(:!(77, \#\&\&@, !. 4))))!*((\#\$-!3=(\&(>:)3=\$-!(:!>:)77\&\&^{\circ}))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(77, \#\&\&@, !. 4)))) = (:!(\&=, :!=)&, !\&O / M(*\$-!(:!(?7, \#\&O)))) = (:!(\&=, :!=)&, !\&O / M(*\bullet, !. 4))) = (:!(\&=, :!(`*, :!))) = (:!(\&=, :!(`*, :!(`$

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 $E@)\&^{M}, \\ \|(!; $3(#5!\%(!)#0!: 3(:\%!(7!4:\&/,!(:!@\&(*,#4,-!\&#4*'5\&#>!H:(=\&M\&\%,5!.(#5'4\%_!N(:!1/,:>,#4\&,\$S!V;;!N(:!4(#4,:#\&#>!\&\&')'))))) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&\&')) \\ \|(:!4(#4,:#\&#>!\&EGEE)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&#)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&)) \\ \|(:!4(#4,:#\&$ 

FD.: 6I''/J+&, 6: '?', '''(6)

E@)&\*)M\*,!%(!:,\$3(#5!%(!)#0!:,3(:%\$!(7!4:&/,!(:!@&(\*,#4,-!&#4\*'5&#>!H:(=&M&%,5!.(#5'4%\_!! XXIX!6(:%=!G)#!N,:#)#5(!A()5!n(\$!E#>,\*,\$-!.E!VJJPI! N:(#%!5,\$c!3=(#,!#'/M,:\$![XDX^!XKK8IQJ;!

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 $\begin{array}{l} .: \& / \& \# ) * \& \# @ , \& \& ) \& (\# \$ ! / ) 0!M, ! $, 7' * \& \# ! =, !>) \& =, : \& \# > ! (7!:, *, @) \# \& !, @ \& 5, \# 4, -!3) : \& \& 4 ' *) : *0!7(:, \# \& \& 4! ) \\ . @ \& 5, \# 4, _! <=, ! \& \& \# 5) : 5 \$!7(:!7\& \# 5) : 5 \$!7(:!7\& \# 5) !) ! @ \& (*) \& \& (\#!(7!4: \& / \& \#) *!*) F!) :, !5 \& 77, :, \# \& ?!?( / ! \& =, ! \& W) \# 5) : 5 \$!7(:! \\ . & \# 5 \& \# >!)! @ \& (*) \& (\# ! (7! & = \& \$! H (* \& 40_! . (\# 5' 4 & ! / )0! 4 (\# \$ \& \& W & W, !H: (= \& M \& \& , 5! . (\# 5' 4 & ! ' \# 5, :! & = \& \$! H (* \& 40! \\ . & @, \# ! \& 7! *) F!, \# 7(:4, / , \# & !) >, \# 4 \&, \$!*) 4 c ! \$' 77 \& 4 \&, \# & !, @ \& 5, \# 4, !(7!)! 4 : \& / ,!) \# 5! 5, 4 * \& \# , W (!3: (\$, 4' & , \_!!)! \\ \end{array}$ 

$$\begin{split} & \text{H:} (4, 5\&\#>\$! '\#5, :!\%=\&\$!\text{H}(\ast40! / )0!\text{M}, !4)::\&, 5!('\%!3:\&(:!\%(-!\&\& / '\%))\#, ('\$*0!F\&\%=-!(:!7(**(F\&\#>!4\&@\&*! (:!4:\& / \&\#))))) \\ & (:!4:\& / \&\#)*!3:(4, 5\&\#>\$!(77!4) / 3'\$_!O(F,@,:-!F=,\#!)!4(/3*)\&\#\%!\&\$! / )5,!\%(!\%=,!.(**,>,!)\$!F,**!)\$! \\ & (!*)F!, \#7(:4, / ,\#h:!\%=,!.(**,>,! / )0!5,*)0!\&\$\$!3:(4, \$\$!3:(4, \$\$!\&!/)!*)F!, \#7(:4, / ,\#\%!)>, \#40!:, U', \$\$!\$=)\$! \\ & (!*,>,!5,*)0!\&\$\$!3:(4, \$\$!7(:!)!:,)\$(\#)M*,!) / ('\#\%!(7!!\& / ,!\%(!)**(F!*)F!, \#7(:4, / ,\#\%!\%(!>))=,:!, @\&5, \#4,!(7!!\& / \&\#)*! / \&\$4(\#5'4\%!)!(:!*,>)*!3:(4, 5\&\#>\$!):,!\$(!), \$;, 3):)\%,!7:(/!\%=,!3:(4, \$\$, \$!\&!!) \\ & = \&!H(*\&40!)\#5!5(!\#(\$!5,\%,: / \&\#, !F=, \%=,:!\%=\&\$!H(*\&40!=)\$!M, ,\#!@\&(*)\%, 5_!!!) \\ & = \&!H(*\&40!)\#5!5(!\#(\$!5,\%,: / \&\#, !F=, \%=,:!\%=\&\$!H(*\&40!=)\$!M, \#!@\&(*)\%, 5_!!!) \\ & = \&!H(*\&40!)\#5!5(!\#(\%!5,\%),: / \&\#, !F=, \%=,:!\%=\&!H(*\&40!=)\$!M, \#!@\&(*)\%, 5_!!!) \\ & = \&!H(*\&40!)\#5!5(!\#(\%!5,\%),: / \&\#, !F=, \%=,:!\%=\&!H(*\&40!=)\$!M, \#!@\&(*)\%, 5_!!!) \\ & = \&!H(*\&40!)\#5!5(!\#(\%!5,\%),: / \&\#, !F=, \%=,:!\%=\&!H(*\&40!=)\$!M, \#!@\&(*)\%, 5_!!!) \\ & = \&!H(*\&!M) \\ & = \&!H(*\&M)! \\ & = \&! \\ & = \&!H(*\&M)! \\ & = \&!H(*\&M)! \\ & = \&! \\ & = \&!H(*\&M)! \\ & = \&! \\$$

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 $E^{**!} k^{\#}(0, \$) k^{(\#\$!)} + 5!5, \$, : / k^{\#}) k^{(\#\$!'} + 5, :!\$ = k^{!} H(*k40! F^{**!}M, !\$ = (: ('>=-!:, *k)M^{*}, !) + 5!k / 3): k^{*}-! ) + 5!F^{**!}, c! \$(!4(**, 4\$!, @k5, \#4, !) + 5!#) / , \$!(7! F^{*}\#, \$\$, \$!(!>) \$= (: ('>=-!:, *k)M^{*}, !) + 5!k / 3): k^{*}-! ) + 5!F^{**!}, c! \$(!4(**, 4\$!, @k5, \#4, !) + 5!#) / , \$!(7! F^{*}\#, \$\$, \$!(!>) \$= (: (') + 10.5) + 10.5) + 10.5 + 10$ 

<u>! '? '%6 \* '8J</u>), 6&( -6; ')%+6<K6399'7+6

$$\begin{split} & E@)\&^*)M^*, !(\#!F, ,c5)0\$!5':\&\#>::,>'*):!(77\&4, !=(':\$!\&(!:,\$3(\#5!\&(!4(/3*)\&\#\&\$!(7!H:(=\&M\&\&,5!:(**1.5)))))))))) & H(1:(=\&1:(**1.5))) & H(1:(**1.5))) & H$$

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"#5&@&5')\*\$!/)0!)\*\$(!:,3(:%!%(!%=,!7(\*\*(F&#>!(77&4,\$-!F=&4=!F&\*\*!7(:F):5!)#0!:,3(:%\$!&#@(\*@&#>! 3(%,#%&)\*!H:(=&M&%,5!.(#5'4%!%(!%=,!.&@&\*!A&>=%\$!)#5!<&%\*,!"C!W77&4,\_!

## <u>! & #\$5,6L&9+)06</u>

$$\begin{split} & E@)\&^*)M^*, !)\$!)!7\&^*\$!(3\&(\#!\&(!:,3(:\&!)\#0!\&\#4\&5,\#\&!(7!4:\&/,!(:!@\&(*,\#4,-!)\$!F,**!)\$!)\#0!\\\&\#4\&5,\#\&^!\&\#@(*@\&\#>!H:(=\&M\&\&,5!.(\#5'4\&_!E*\$(!3:(@\&5,\$!)\#!,\$4(:\&!\&::@\&4,!(\#!4)/3'\$!\&(!)\#0!)\\\&'5,\#\&!)\#5!4)\#1:,)4=!\&=,!9,)\#1(\#19'\&0!)\&!)\#0!\&/,_!E@)\&^*)M^*,!DK!=(':\$!)!5)0-!Q!5)0\$!)!\\F,,c_!.)/3'\$!G)7,&M0!F\&^{**!7}(:F):5!)\#0!:,3(:\&!\&\#@(*@\&\#>!3(\&,\#\&)*!H:(=\&M\&\&,5!.(\#5'4\&!\&(!**))*1)))\\F,...,E@)&^*A\&_2=&(**,**,**)$$

- ! N)4&\*&%&,\$!Y)#)>, / ,#%!Z'&\*5&#>!
- ! <u>FFF\_(20\_5'L(77&4,\$8\$,:@&4,\$L4)/3'\$8\$)7,%0</u>!
  [XDX^!DIV8DIVV![7:(#%!5,\$c^!
  [XDX^!DIV8DI;;![,/,:>,#40!\*&#,^!(:!5&)\*!I!7:(/!)#0!4)/3'\$!3=(#,!

 $=5\#\&(6^{*+}, "5/7+, 6)$ 

$$\begin{split} & E@)\&^*)M^*, ! (\#! F, c5)0\$! 5':\&\#>!:,>'*):! (77\&4, !=(':\$! \%(!:,4,\&0, !4(/3^*)\&\#\%\$!:,*)\%, 5! \%(!, /3^*)(0, \$!(7!\%=,!.(**,>,-!\&\#2'!)))) \\ & + (?!\%=,!.(**,>,-!\&\#2'!)) + (?!\%=,!.(**,>,-!\&\#2'!))) \\ & + (*@\&\#>!3(\%,\#\%)) + (!(=\&M\&\%,5!.(\#5''4\%!\%(!\%=,!.\&@\&*!A\&)=\%\$!))) + (?!\%*,!"C!W77\&4,_!)) \\ & + (:!\&Ef.!N\&:\$\%!N*((:!)) \\ & = FFF_(20,5'L(77\&4,\$8\$,:@\&4,\$L='/))) + (!:4,\$!)) \\ & = (:!A\&DX^!DIV8DP;X!) \end{split}$$

## : +&(6''96L)5 - +(), 6399'7 + 1: +&(6''(6:5)06)

$$\begin{split} & E@)\&^*)M^*, !(\#!F, ,c5)0\$!5':\&\#>!:,>'*):!(77\&4, !=(':\$_!E44, \$\$!\%(!9, )\#!(\#!9'\%0!DK!=(':\$!)!\\ & 5)0! \ M0! \ 4)^{**\&\#>!} \ .) / 3'\$! \ G)7, \%0! \ )\%! \ [XDX^! \ DIV8DIVV_! \ .)\#! \ )\$\&\&\%! \ F\&h=! :,)\$(\#)M^*, !\\ & )44( / / (5)\%\&(\#\$!7(:!=('\&\#>!)4)5, /\&4!7^*, 2\&M\&^*\&M0-!)\#5!6(!.(\#\%)4\%!n, \%\%, :\$_!<=,!9, )\#!(7!\\ & G\%'5, \#\$! \ F\&^{**!}7(:F):5! \ )\#0!:, 3(:\%\$!\&\#@(*@\&\#>!3(\%, \#\%\&)^*!H:(=\&M\&\%, 5!.(\#5'4\%!\%(!\%=,!.\&@\&*!\\ & A\&==\%\$!)\#5!<& \&\%, !"C!W77\&4, _!\\ & Z,:c'\$!O)^{**!}\\ & FFF(20,5'L\$\%'5, \#\%8^{*}\&7, L\$\%'5, \#\%8)77)\&:\$L5, )\#8\$\%'5, \#\%\$!\\ & IXDX^!DIV8DPP:! \end{split}$$

## @'\*'2&\*;#+.-<\*%)"'8+

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 $\begin{array}{l} E\#0!\,\&\#5\&@\&5')^{*!} / \,)0! \, / \,)c, !\,)\#!\,)\#(\#0 / ('\$!:, 3(:\$! 4(\#4, :\#\&\#>!)\#!) 4\$! (7!\,H: (=\&M\&\%, 5! . (\#5'4\%_!\,E\#!)) \\ \&\#5\&@\&5')^{*!} / \,)0!:, 3(:\$!\%_=, !\&\#4\&5, \#\$!\,F\&\%=('\$!5\&\$4*(\$\&\#>!\%=, \&:!\#) / , -!\&5, \#\&70\&\#>!\%=, !:, \$3(\#5, \#\%_!(:!)) \\ :, U', \$\&\&\#>!\,)\#0!\,)4\&\&(\#_!9, 3, \#5\&\#>!(\#!\$=, !, 2\%, \#\$!(7!\&\#7(:/))\&(\#!)@)\&^*)M^*, !\,)M('\$!=, !\&\#4\&5, \#\$!(:!\%=, !)) \\ \end{array}$ 

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 $<=,!. \&@\&^{!}A\&>=\$\$!B!<\&^{*}, !"C!. ((:5\&^{\#}))(:!F\&^{**}!:,4,\&_{0}, !\$=,!)#(#0 / ('\$!:,3(:\$!)#5!F\&^{**}!5, \$, : / \&_{\#},!)#0!) \\ )33:(3:\&) \$, !\$\$, 3\$-!\&^{\#}4*'5\&^{\#}5\&@\&5')*!(:!4(//'#\&^{*}0!:,/,5\&,\$!))*!)33:(3:\&) \$, -!)#5!\&^{\#}4(#\$') \%(#!) \\ F\&=!\$=,!.*,:0!<,)/-!4(/3*\&)#4, !F\&^{\#}=!)**!.*,:0!E4\$!(M^{*}\&>) \&\&(\#\$!)$ 

# .-<\*%)"'8+)\*+>A)-%'(/+@8-'\$"-#+

 $"#!)55&\&\&(\#!\%(!:,3(:\&\#>!\%(!*)F!,\#7(:4, /,\#\%!(:!\%=,!.(**,>,-!\%'5,\#\%^-!7)4'*\%0-!)\#5!\%)77!\$=('*5!M,!)F):,!(7!\%=,!7(**(F\&\#>!,2\%,:\#)*!>(@,:\#/,\#\%)*!)>,\#4\&,\$!\%=)\%!\&\#@,\$\&\&>)\%,!)\#5!3:(\$,4'\%,!4(/3*)\&\#\%\$!(7!3:(=\&M\&\%,5!5\&\%^+,\&/\&\#))))$ 

# . "%'706D\$\$%'7&)'"(6&(-6!"#\$%'&(7+6M')J6N+-+/&%6F&M6

 $\geq \# \$ "0 \# + () 6 : ', 7/' \# '(\&)'''(6''/6 = \&/\&, , \# + () 6$ 

 $E \#0!, / 3^{*}(0, !/) 0!3': $', !) \#0!4=):>, !(7!5\&4:\&/\&\#)\&\&(\#!(:!=):) $$/, \#\&!F\&M=!\&=,!.) &%7(:#\&)! 9,3):\&/, \#\&!(7!N)\&:!1/3^{*}(0/, \#\&!) #5!O('\&\#>![\9N1O]^{!}(:!\&=,!7,5,:)^{*}!1U')^{*}W33(:\&' \#\&M0! 1/3^{*}(0/, \#\&!) (//\&\&\&\&(\#![\11W.]^{!'}W\&!)^{*}W) + F7'^{*}W(!:, \%)^{*}\&) %, !)>)\&\#\&W1) #0!, /3^{*}(0, !?(:!(33(\&\&\#>!\&=,!3:)4\&4, $!3:(=\&M\&M, 5!M0!\&=,!.)^{*}(:#\&)!N)\&:!1/3^{*}(0/, \#\&!) #5!O('\&\#>!E4\&!(:!(4(/3):)M^{*},!7,5,:)^{*}!)F!(:!7(:!7\&*\&\#>!)!4(/3^{*})\&\#)!F\&!=-!(:!7(:!(\&=,:F\&\&,!3):!\&4\&3)) &##>!\&#!)#! \&\#@, $3, 0402(::)0.2(\&)0.2(((7!.2(4)0.2(,)0.2(,)0.4(5\&)0\#>-.2:!.2(=,)0.7())0.0.2)0..2.2() \\$ 

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#### N&%, +6\*+\$''/), 6

<=,!. (\*\*,>,!%)c, \$!%=,!)44':)40!(7!&#7(:/)&&(#!@,:0!\$,:&('\$\*0-!)\$!)!:,3(:%!(7!H:(=&M&%,5!.(#5'4%!)))(1,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(7!H:(=&M&%,5!.(#5'4%!))(2,3):%), \$'\*%\$&#!)?%#5&#>!(\*5'4%!)(2,5):%, \$'\*%\$&#!)?%#5&#>!(\*5'4%!)(2,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#>!)?%#5&#>!(\*1,5):%, \$'\*%\$&#>!)?%#5&#>!(\*1,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#!)?%#5&#>!(\*1,5):%, \$'\*%\$&#=3:(@&5,:c#(F&#>\*0!7)\*\$, \$!\*%\$&#?, \$'\*%\$&##,\$\$,\$!)?; \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&##?, \$'\*%\$&#?, \$'\*%\$&#?, \$'\*%\$&##?, \$'\*%\$&#, \$'\*\*%\$&#, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*%\$&#?, \$'\*%\$&#?, \$'\*%\$&#, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*%\$&#?, \$'\*\*

# K+??7D&'(\$!Q\$4-+D\$-!49@!G\$<\$@'\$-!

T3(#!:,4,&3%!(7!)!:,3(:%-!%=,!.(\*\*,>,!F&\*\*!3:(@&5,!:,)\$(#)M\*,!)#5!)33:(3:&)%,!\$'33(:%&@,!/,)\$':,\$!5,&b>#,5!%(!3:,\$,:@,!,U')\*!)44,\$\$!%(!%=,!.(\*\*,>,?\$!3:(>:)/\$!)#5!)4%&@&&&,\$-!)#5!%(!3:(%,4%!%=,! $3):%&,$!&#@(*@,5_!<=,!.(**,>,!F&**!/)c,!:,)$(#)M*,!,77(:%$!\%(!4(//'#&4)\%,!F&=!\%=,!3):%&,$!\%(!$  $,#$':,!\%=)\%!)**!$)7,\%O-!,/(\%&(#)*!)#5!3=O$&4)*!F,**8M,&#>!4(#4,:#$!):,!M,&#>!)55:,$$,5_!G'33(:%&@,!$ /,)\$':,\$!/)0!M,!&/3\*,/,#%,5!:,>):5\*,\$\$!(7!F=,%=,:!?(:/)\*!5&4&3\*&#):0!)4%&(#!&\$!\$('>=%!MO!%=,!4(/3\*)&#)#%!(:!%=,!.(\*\*,>,-!)#5!:,>):5\*,\$\$!(7!F=,%=,:!%=,!4:&/,!&\$!:,3(:%,5!%(!.)/3'\$!G)7,%O!(:! $*(4)*!*)F!,#7(:4,/,#\%_!'#\%,:&/!$'33(:%&@,!/,)$':,$!):,!)@)&*)M*,!\%(!M(\%=!4(/3*)&#)#\%!)#5!$  $:,$3(#5,#\%$_!$ 

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 $E!4(/3*)\&\#) \# \|(:!:,\$3(\#5,\#)!/)0!:,U',\$1! \\ \# (\$4(\#)) \# (\$4(\#)) \# (\$5\&:,4\&@,!(:!(\$=,:!3:(\$,4\&(\#-!(:!\$=,!.(**,>,!))))) \\ \# (!) \\ \# ($ 

# . ('8-+\*5+C-(#;%-#+

 $G'33(:\t (0, 1) \# 5!3:(\t (0, 4\t (0, 1), 1))) + (\t (0, 1), 1) + (\t ($ 

- d E44,  $\$!\(!4('\#, *\&\#>!\; :@\&4, \$!) \#5!)$
- d  $"/3(\frac{1}{1})^{1}/(1+1)^{1}/(1+1)^{1}/(3+1)$
- d A,4=,5'\*
- d H: (@&5&#>!)\*%, :#)&@, !4(':\$, !4(/3\*, &(#!(3&(#\$-!4=)#>, !&#!4\*)\$\$!\$4=,5'\*, -!&#4\*'5&#>!%=, !)M&\*&%0!%(!%)c, !)#!&#4(/3\*, %, -]!5:(3!)!4(':\$, !F&%=('%!3, #)\*%0!(:!%:)#\$7, :!\$, 4%&(#\$`!)
- d .=)#>,  $\frac{1}{1}$  (:c!\$4=,5'\*, !(:!h(M!)\$\$&>#/,#%`!

d

<u>399'7+69''/6\*+%'8'''5,6S6L\$'/')5&%6F'9+6</u>

H: (@&5,\$!\$3&:&% ')\*!>'&5)#4,!%(!\$%'5,#%\$-!7)4'\*%0-!)#5!\$%)77!&#!%=,!4(#%,2%!(7!(:5)&#,5!4\*,:>0-! 4(#7&5,#%&)\*!\$'33(:%\_! O,::&4c!"#%,:7)&%=!.,#%,:! FFF (20,5'L\$%'5,#%&\*&7,L:,\$(':4,\$8\$'33(:%L(:\$\*! [XDX^!DIV8DPD;!

#### $\geq \# \$\%''0++6D, , ', )\&(7+6. /''8/\&\#6)$

[RRR^!DVX8PVKR!

 $\geq \# \# "(, 6L)5 - + ()62 + \% (+, 6! + () + /T_{66}$ 

$$\begin{split} &H: (@\&5,\$! /,5\&4)*!\$,:@\&4,\$!)\#5!4('\#\$,*\&\#>!\$(!\$\$'5,\#\$\$\_!qY,5\&4)*!3: (@\&5,:\$!F=(!\$:,)\$!)!\\ &3=0\$\&4)*!\&\#h':0!\$'\$\%)\&\#,5!7:(/!)\#!)\$\$)'*\$\cdot!3=0\$\&4)*!(:!\$,2')*\cdot!):,!:,U'\&:,5!MO!\$\%)\$,!*)F!\$(!:,3(:\$!\$=,!)\$\$)'*\$!\$(!*)F!,\#7(:4, /,\#\$_!)\\ &FFF_(20,5'L\$\%'5,\#\$8*\&7,L:,\$(':4,\$8\$'33(:\$L, //(\#\$8F,**\#,\$\$84,\#\$,:!)\\ &[XDX^!DIV8DPIQ! \end{split}$$

<u>3 U06VW1X6=+%\$%'(+6</u>

! ! ! H:(@&5,\$!DKLQ!\$'33(:%!7(:!\$%'5,#%\$!,23,:&,#4&#>!/,#%)\*!=,)\*%=!4:&\$,\$-!,/(%&(#)\*!5&\$%:,\$\$-! %:)'/)-!(:!\$'M\$%)#4,!)M'\$,!&\$\$',\$\_! [XDX^!XK;8K;K;!

## **P**(\$D('\$J!7#!G\$-76+&'79!**P**?&'79-!

 $<=,!. (**,>,!\&\$!4(//&\!M\!N,5!\%(!3:(@\&5\&\#>!)!3:(/3\%-!\%=(:('>=-!,U'\&\%)M*,-!)\#5!&/3):\%\&)*!:,\$(*'\&(\#!(7!))*!:,3(:\%,5!\&(#!))*!:,3(:\%,5!\&(#!))*!:,3(:\%)*!(7!)*!:,3(:\%,5!\&(#!))*!:,3(:\%)*!(7!)*!:,3(:\%,5!\&(#!))*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!(7!)*!:,3(:\%)*!!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!!:,3(:\%)*!!:,3(:\%)*!:,3(:\%)*!!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!:,3(:\%)*!!:,3(:\%)*$ 

d

- $d <=,! )@) \&^{*} M\&^{*\&MO!} (7!, @\&5, #4, ! \%(!) \$\&\&\%! )! 9, 4\&\&(#8 / )c, :! \&#! 5, \%, : / \&#\&#>! F=, \%=, :! \$, 2! 5\&\$4:\& / \&#) \%\&(#!(44'::, 5`!)$
- d e = , = , :! = ,! . (\*\*, >,! 4('\*5!, #5! = ,!)\*\*, >, 5! 5&\$4:& / &#) &&(#!) #5! 3:, @, #%! &%\$!:, 4'::, #4,! F & = ('%! &#& ) && #>! &%\$!>: &, @) #4, !3: (4,5':, \$!'#5, :! = & \$!H(\*&40`!) #5!!
- $d e = , \$ = , !! \$ = , !4(#5'4\$!) \$! ) ** , > , 5!3: , \$ , \#\$! ) \#! \& / / \& \# , \#\$! ) \#5!\$ , :\&('\$! \$ =: , ) \$! \$(! \$ =, !=, ) *\$ =! (:! \$) ?7, \$0! (7! \$ =, ! . (/3*) \& \#) \#\$! (:! (\$ =, !:3, :\$ (\#\$ -! (:! \$ =) ) !! \$ =, !4(\#5'4\$!) \$! ) ** , > , 5!3: , @, \#\$\$! \$ =, ! . (**, >, !7: (/!, \#\$': \& \#>!, U') *! ) 44, \$\$! \$ (!\& \$!, 5'4) \& (\#13: (>:) / !(:!) 4 \& \& \& 0_!!$

# @33")"\*'(/+0%\*1"#"\*'#+

# <u>\*+9+//&%,69"/63)J+/6Y',7"(-57)6</u>

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:,\$,:@,\$!=&\$!:&>=%\_!''#!\$'4=!&#\$%)#4,\$-!%=,!. (\*\*,>,!F&\*\*!#(%&70!%=,!3):%&,\$!(7!%=,!/(5&7&4)%&(#!(7!%=,!H:(4,\$\$,\$!)#5-!&7!)33:(3:&)%,-!%=,!,24,3%&(#)\*!4&:4'/\$%)#4,\$!:,U'&:&#>!%=,!. (\*\*,>,!%(!)5)3%!(:!/(5&70!%=,!H:(4,\$\$,\$\_!)

\*+C5+, ), 69"/6: +%&0, 6&(-6>U)+(, '"(, 6"96; '#+6)

 $(:!9 \& 4 \& 3 \& \#) : 0!A, \$(*' \& (\#_! . (/3) \& \# \& !:, \$(*@, 5!MO! / ,) \# \$(7!) \# !! \# \& \& \& . \$ / , \# !(:!E5) 3 \& ) M^*, ! A, \$(*' \& (\#!):, !\# (\& !3) : \& !(7!) !\$ '5, \# \& ?! 4 (\# 5 '4 \& !7 \& *, !(:!) 4) 5, / \& 4!:, 4 (:5_! E77 \& : /) \& @, !7 \& \# 5 \& \# > \$! (7! :, \$ (*@, 5! \& =: ('>=!9 \& \$ & \& 3 \& \#) : 0!A, \$(*' \& (\#!):, !3) : \& !(7!) !\$ '5, \# & \% & \& \# > \$! (7! :, $3 (\# \& M \& & \& M \& \& M \& \& M \& & \& M & \& & W & ! (7!) ! \$, $1 = 1,$ 

<u>O</u>, +6"96. /'? 1%+8+-6\*+7"/-,6

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#### \*??\$9@'>!\*)!C'-%'?6'94D=!G\$-76+&'79!LD7%\$@+D\$-!

 $\begin{array}{l} E33, \#5\&2! \ E! ( '\ \%\&\#, \$!\ \%=, !\ 5\&\$4\&3^{\ast}\&\#): 0!:, \$( '\ \%\&(\#!\ 3:(4,5':,\$!\ \%=, !\ .\ (^{\ast}, >, !7(^{\ast}(\ F\$!\ \&\#!\ :, \$(^{\otimes}\&\#>!)! \\ >:\&, @)\ \#4, !\%=)\ \%!): 3, :\$(\#!=)\$!\ M, \ \#!\ `\ Mh, 4\%, 5!\%(!\ H:(=\&M\&\%, 5!\ .\ (\#5'\ 4\%!\ MO!))!\$\%'\ 5, \#\%-!)5/\&\#\&\$\%:)\%(:-!\$\%)77! \\ /\ ,\ /\ M, :-!\ (:!\ 7)4'\ *\%0!\ /\ ,\ /\ M, :!\ \&\#!\ @\&(^{\ast})\&\&(\#!\ (7!\ \%=, !\ .\ (^{\ast}, >, ?\$!\ 9\&\$4:\&/\&\#))\&(\#-!\ O):)\$\$/\ ,\ \#\%-!\ )\#5! \\ A, \%)^{\ast}\&)^{\ast}\&(\#!\ H(^{\ast}\&40\_!) \end{array}$ 

## H-'-%(/+0%\*1"#"\*'#+

 $L)\&(-\&/-6'') \le ?'-+(7+6)$ 

 $<=,!\$\%)\#5):5!7(:!5,\%; / \&\#\&\#>!F=,\%=,:!\%=,!:,\$3(\#5,\#\%!\&\$!:,\$3(\#\&\&M^*,!7(:!)!3(*\&40!@\&(*)\%\&(\#!\&\$!\%=,!3:,3(\#5,:)#4,!(7!\%=,!,@\&5,\#4,!\$\%)\#5):5!\&_,_!F=,\%=,:!\&\%!\&\$! / (:,!*\&c,*0!\%=)\#!#(\%!\%=)\%!)!@\&(*)\%\&(\#!(7!,.(**,>,!3(*\&40!(44'::,5_!$ 

#### I''(4D-?+/, &/'&%./''7+, 1./+, 5#\$)'''(6''% I''(4\*+, \$''(, 'E'%')06)

#### \*+, \* ''(-+()\, 6. /'''/6! ''(-57)6=', )''/06

## <u>! "(, "%'-&)'"(6"%<(?+,)'8&)'"(6</u>

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 $<=,! . (**,>,! / )0!4(#$(*\&5)),! . (/3*)&#%$!)$!\(!)**,>)\(#$!(7!H:(=&M&,5!.(#5'4))>)&#$\!/(:,!)=)#!(#,!A,$3(#5,#).!(:!M0!/(:,!)=)#!(#,!.(/3*)))>)&#$\!(#,!(:!/(:,!A,$3(#5,#)))>)&#$\!(:!M0!/(:,!)=)#!(#,!.(/3*)))>)&#$\!(#,!(:!/(:,!A,$3(#5,#)))>)&#$\!(:!M0!/(:,!))>)&#$\!(:!M0!/(:))>)&#$\!(:))$$ 

 $<=,!. (**,>,!)*$(!:,$,:@,$!!=,!:\&>=!!!(!'$,!!=&$!H(*&40!!(!)5h'5&4)*,!(!=,:!)**,>)&(#$!)#5!4(#5'4*!! 4=):>,$!)$!5,7&#,5!MO!3(*&4&,$!('%&65,!(7!*=,!$4(3,!(7!*=&1!H(*&40!&#!&#$*))#4,$!F=,#!*=,!4(#5'4*!&5'4*!)$$(4&)*,5!F&*=])#!)**,>,5!&$$',!(7!3:(=&M&*,5!4(#5'4*!'#5,:!*=&$!H(*&40_!<=,!.&@&*!A&>=*$!B!<&**,!'C!.((:5&#))*(:!F&**!)55:,$$!*=,$,!4(#$(*&5))*,5!4(/3*)&#*$!&!4(**)M(:)*&(#!)#5!4((:5&#))*&(#!F&*=!B!<&**,!B!<&**,!'C!.((:5&#))*(:!F&**!)55:,$$!*=,$,!4(#$(*&5))*,5!4(/3*)&#*$!&!4(**)M(:)*&(#!)#5!4((:5&#))*&(#!F&*=!B!<&**,!B!<&**,!B!<&**,!B!<&**,!C!.((:5&#))*,!(77&4,$-!$'4=!)$!G*'5,#*!.(#5'4*!)#5!O'/)#!A,$(':4,$_!E**,>)*&(#$!(7!)!:@&(*)*&(#!(7!)!$,3):)*,!3(*&40!):,!#(*!:,U'&:,5!*(!M,!=)#5*,5!'$&#>!*=,!3:(4,5':)*!:,U'&:,/,#*$!$,*!!7(:*=&*#!H(*&40_!!)$ 

#### ;/&(,7/'\$)6D7)'"(,6

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#### 2')J - /&M&%''/6\*+, '8(&)'''(6[+9''/+6!'' # \$%&'()6\*+, ''%5)'''(6)

 $G=('*5!)!A, \$3(\#5, \#\$!5, 4\&5, !\#(\$!\$(!3): \$\&4\&3)\$, !\&\#!)!:, \$(*' *\&(\#!3:(4, \$\$! =, !3:(4, \$\$! =, !3:(4, \$\$! =, !3:(4, \$\$! =, !3:(4, .5!))))) \\ = (*!3): \$\&4\&3) *\&(\#! *(!)!:, )$(\#) M*, !:, $(*' *\&(\#_! G=('*5!)(:, )0\&3!\$, 5-!(:, )0\&)) \\ = (*.5): ($ 

d E!\$%)%, / ,#%!&#7(: / &#>!%=,!3):%&,\$!%=)%!%=,!"#@,\$%&>)%(:!F&\*\*!,\$%)M\*&\$=!)#5!4( / / '#&4)%,-!&#! F:&%&#>-!)\*\*!&#@,\$%&>)%&(#!5,)5\*&#,\$-!&#4\*'5&#>!%=,!7&#)\*!5,)5\*&#,\$!7(:!\$'M / &%%&#>!#) / ,\$!(7! F&%#,\$\$,\$-!,@&5,#4,-!)#5!:,\*,@)#%!U',\$%&(#\$!%(!)\$c!)!3):%O!(:!F&%#,\$\$\_!<=,\$,!5,)5\*&#,\$! / )O! M,!,2%,#5,5!MO!%=,!.&@&\*!A&>=%\$!B!<&%\*,!"C!.((:5&#)%(:!7(:!>((5!4)'\$,-!)#5!)#O!4=)#>,\$!

# <u>0%-/"&"'(%2+D'1-#)"8()"\*'</u>+

## $D_{1,1}'8(\#+()6''96)J+6<(?+,)'8\&)''/66$

<=,!.(\*\*,>,!F&\*\*!)\$\$&>#!)!%:)&#,5!"#@,\$%&>)%(:!%(!4(#5'4%!)#!)5,U')%,-!:,\*&)M\*,-!)#5!&/3):%&)\*!
&#@,\$%&>)%&(#!)#5!5,%,:/&#)%&(#+!)\$!)33\*&4)M\*,-!&#!)!:,)\$(#)M\*O!3:(/3%!%&/,7:)/,\_!<=,!.(\*\*,>,!
:,\$,:@,\$!%=,!:&>=%!%(!'%&\*&b,!&#%,:#)\*!(:!,2%,:#)\*!"#@,\$%&>)%(:\$\_!!
'

$$\begin{split} & E^{**!3} : \texttt{M}_{\bullet} \texttt{S}!= \texttt{M}_{\bullet} : \texttt{M}_{\bullet} \texttt{S}! \texttt{M}_{\bullet} : \texttt{M}_{\bullet} \texttt{S}! \texttt{M}_{\bullet} : \texttt{M}_{\bullet} \texttt{S}! \texttt{M} \texttt{S}! \texttt{M}_{\bullet} \texttt{S}! \texttt{M} \texttt{S} \texttt{M} \texttt{S$$

<=,! "#@,\$%&>)%(:! F&\*\*!,\$%)M\*&\$=!5,)5\*&#,\$!7(:!\$'M/&\$\$&(#!(7!#)/,\$!(7!:,\*,@)#%!F&%#,\$\$,\$!)#5! \$'M/&\$\$&(#!(7!,@&5,#4,!)#5!4(//'#&4)%,!%=(\$,!5,)5\*&#,\$!%(!%=,!3):%&,\$!&#!F:&\*&#+>\_!

# <u>! "(9%'7)6"96<()+/+,)6"/6['&,6</u>

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E7%, :!)!6(%44, !(7!"#@,%&)%(#!&\$!&\$', 5!%(!)\*\*!3):%&, \$-!)#0!3):%0! / )0!(Mh, 4%!%(!%=, !3):%&4&3)%&(#!(7!%=, !...,

- d 9, $4:k3k(\#!(7!)^{*!}3:(4,5':)^{*!}k,3)c,\#!k(!5)k,`!!$
- $d <=, !9, 4\&\&(\#8 \ )c, :?\$!, @)*') \&(\#!(7!\% =, !:, *, @)\#\$!, @\&5, \#4, !)*(\#>!F\&\% = !\% =, !7\&\#5\&\#>!(7!7)4\%\$'!!$
- d 9, (, : / #)
- d G)#4%(#!5,%,:/&#)% $(#![\&7!)33*\&4)M^*,^{!!}$
- d

#### @3(<)(=/-+.-#\*/;)"\*'+B<)"\*'#+

 $<=,! . \&@\&^{!} A\& = \$ ! B ! < \&^{*}, !"C! . ((::5\&^{+}) \%(:! / )0!) 33(\&^{+}\%!) !\%:) \&^{+}, 5!\&^{+}\%, :#)^{*}!(:!, 2\%, :#)^{*}! / ,5\&)\%(:!(:!(!)) (\%) = (...) %$ 

 $\label{eq:started_st$ 

- $d <=,!)^{**},>) \& (\#)^{!}$
- $d <=, !:, U'\&:, /, \#\$!(7!\%=,!)5)3\%)M^*, !:, \$(*'\%\&(\#!3:(4,\$-!\&\#4*'5\&\#>!\%=,!4\&:4'/\$\%)\#4,\$!'\#5,:! F=\&4=!\&\%!3:, 4*'5, \$!\%=,!3):\%\&, \$!7:(/!:, $'/\&\#>!)!7(:/)*!4(/3*)\&\#\%!):\&\$\&\#>!7:(/!\%=,!\$)/,! )**, >)\%\&(\#\$'!)$
- $d <=,!3): \&k, \$?!: \&>= \&[(!F\&=5:)F!?:(/!)5)3\&) M^*, !:, \$(*'\&(\#!)\#5!:, \$'/, !(:!\&\#\&\&)\&, !5\&\$4\&3^*\&\#):0!:, \$(*'\&(\#!F\&=1:, \$3, 4\&!\&(!!=, !?(:/)*!4(/3^*)\&\#\&'!)\#5!: )$
- d "#7(:/)%&(#!)M('%!/)&#%,#)#4,!(7!:,4(:5\$!(:!=(F!:,4(:5\$!4('\*5!M,!\$=):,5\_!

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 $e \& M = !) 33: (@) *!7: (/!M = ,! \& @\& *!A\& > = M $!B! < \& M * ,!'C! . ((:5\& #)M(:-!)7M, :!4(#$'*M)M&(#!)#5!& #M)c, !F& M = !M = ,! 7) 4\& * \& M (:-!M = ,!4(/3*)& # )#5!M = ,!:, $3(#5, #M!/)0!@(*'#M):& *0!)>:, ,!(#M = ,!3:(4, $M = )M M, $M!/, , M $! M = ,! & #M, :, $M $!) #5! #, ,5$! (7! M = ,!3):M&, $_! E5)3M M*, !:, $(*'M&(#!/)0!& #4*'5,!(#,!(:!/(:,!(7! M = ,!7)) M*, 1)) * (*'M = ,!3):M& * (*'M & (*!/)0!& #4*'5,!(#,!(:!/(:,!(7! M = ,!7))) * (*'M = ,!3):M & * (*'M & (*!/)0!& #4*'5,!(#,!(:!/(:,!(7! M = ,!7))) * (*'M = ,!3):M & * (*'M & (*!/)0!& #4*'5,!(#,!(:!/(:,!(7! M = ,!7))) * (*'M & (*'M & (*'M = ,!7))) * (*'M & (*'M & (*'M = ,!7)) * (*'M = ,!7) * (*'M = ,!7)) * (*'M = ,!7) * (*'M = ,!7$ 

 $\frac{N\&7'\%')\&)+-6:'\&\%'''85+0! E! \$\%:'4\%':,5! )\#5!7)4\&\%\%\%,5! 4(\#@,:\$)\&\&(\#!M,\%F,,\#!\%F(!(:!/(:,!\&F))) \\ &\&\#5\&@\&5')*\$-!/(\$\%!(7\%,\#))=,!4(/3*)\&\#)\#\%-!\%=,!:,\$3(\#5,\#\%-!)\#5L(:!(\%=,:!4(//'#\&\%0!/,/M,:\$-!)) \\ &<=,!7(4'\$\&\$!(7\%,\#!(\#!3:(@\&5\&\#))!)\$3)4,!7(:!@(\&4,\$\%)(M,!=,):5!)\#5!3,:\$3,4&@,\$\%(M,!\$=):,5_! \\ &9,3,\#5\&\#>!(\#!\$\%)\%,5!\&\#\%,:,\$\%\$-!\%=,!3):\%\&4\&3)\#\$!/)0!\$(/, &\&/,\$!F(:c!\%(F):5\$!\%=,!5)) \\ &5,@,*(3/,\#\%!(7!)!\$=):,5!)>:,,/,\#\%-!)*\%=('>=!F(:c\&\#>!\%(F):5\$!)\#!)>:,,/,\#\%!\&\$!\#(\%!)*F)0\$! \\ &\%=,!\&\#\%,\#5,5!('\%4(/,_!!))$ 

 $\underline{LJ5} = \underbrace{LJ5} =$ 

 $\frac{! '/7\%+6 ''96 D77''5()\&E'\%')06 G! 3DH0}{(! 3DH0! E! 7)4\&*\&\%} \times 5!\&\#\%, :)4\%\&(\#!M,\%F,,\#!\%=,!:,\$3(\#5,\#\%!)\#5! \\ (**,>,!7)4'*\%0!)\#5L(:!\%)77!5, &\&>\#,5!\%(!3:(@&5,!)44('\#\%)M\&*\&W0-!S\%:'4\%':,5!$'33(:\%!)#5!\%=,! \\ 5,@,*(3/,\#\%!(7!)!*,):#\&\#>! 3*)#_! <=,!7(4'$!(7!)! .WE! \&\$! \%(!M)*)#4,! $'33(:\%!)#5! \\ )44('#\%)M\&*\&W0!7(:!)#!\&\#5\&@\&5')*!F=(!=)$!)4c#(F*,5>,5!\%=,\&:!(M*\&>)\&\&(\#!\%(!:,3)\&:!=):/!)#5! \\ F\&**\&\#>\#, $$! \%(!,\#>)>,! \&\#!)#!,5'4)\&(\#)*! 3:(4, \$_! <=,! .WE!/(5,*!5(,\$!#(\%!:,U'\&:,!')*1))*15! \\ M,!@(*'#\%):0!7(:!)=,!4(/3*)\&#)#\%!)#5!\%=,!:,$3(#5,#\%!)$ 

- Y,)\$':,\$!\=)\!/)0!M,!)>:,,5!\(!)\$!)!:,\$'\*\!(7!\=,!)5)3\)M\*,!:,\$(\*'\\(#!3:(4,\$\$!/)0!\#4\*'5,\$!
  - d  $E^{*4}(=(*!,5'4) \& (\#!4^{*}) \$, \$!7(:!\%=,!:,\$3(\#5,\#\%)!$
  - d A,>'\*):!/,,%&#>\$!F&%=!)#!)33:(3:&)%,!.(\*\*,>,!&#5&@&5')\*-!'#&%-!(:!:,\$(':4,`!
  - d H,:/)#,#\$!,2%,#\$&(#!(7!)!#(!4(#%)4%!5&:,4%&@,`!
  - d = A, \$%: &4%&(#!7:(/!3):%&4&3)%&(#!&#!\$3, 4&7&4!4\*'M\$!)#5L(:!(:>)#&b)%&(#\$'!)
  - d A,3(#5,#\*!:,\*\*:k4\*k(#!7:(/!3):\*k4k3)\*k(#!3):\*k4'\*):!,@,#\*\*:
  - $d \quad A,\$3(\#5,\#\$!4(/3^*,\$\&(\#!(7!)\#!,5'4)\&(\#)*!3^*)\#!F\&\%=!:,>'*):!/,,\%\&\#>\$!F\&\%=!\$=,!)5)3\$)M^*,`!:,\$(*'\&(\#!4((:5\&\#))(:!(:!(\$=,:!)33:(3:\&)),!.(**,>,!\$))77!(:!7)4'*\%0!/,/M,:`!)\#5L(:!)$
  - d . ('#, \*&#>!\$, \$\$&(#\$!7(:!=, !:, \$3(#5,  $\#_{!}$ !

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# $\underline{@3(<)(=/-+.-\&-3"-\#+*\%+D')-\%1-')"*'\#+5*\%+)9-+4*//-8-+4*\&\&;'")2+$

 $"\#! ) 55 \&\&(\#! \&(!\&\#\&; !) 33 \&, 5! \&(!\&=, !:, \$3(\#5, \#\&-!) \#5!:, >):5^*, \$\$! (7! F=, \&=, :!\&=, !. (**, >, !: 3': \$', \$!)! 9 \&\&4\&3 \&\&\#):0! A, \$(*'\&(\#!(:!\&)c, \$!(\&=, :!7(:/)*!5\&\$4\&3 \&\&\#):0!) 4\&\&(\#-!\&=, !. \&\&\&*!A\& >=\&\$! B! < \&\&*, !"C!. ((:5\&\#)\&(:!/)0!7\&\#5!\&\&!=, *37'*!(:!\#, 4, \$\$):0!\&(!:, U', \$\&!) (:!, U', \&:, !\&=, !:, \$3(\#5, \#\&!(:!(\&=,:\$! B!) (:!, \#5, :))c, !\&3, 4&7\&4! \&\&, 3\$!5, \&\&>\#, 5!\&(!, *\& 4 \&\#)\&, !\&*, !:, !/\& 4 (\#5'4\&-!3:, @, \#\&!\&\&\$!:, 4'::, \#4, -!) \#5L(:!:, /, 50!\&\&\&!, 77, 4\&\&!12) / 3^*, \$\&\#4*'5, -!M' \&!:, !#(\&!\& 4 \&, 5!\&(-!\&, 5!)) (:!\&*, !\&*)$ 

d A,U', \$\\#>!(:!:,U'&:&#>!)!. (\*\*,>,!,#\\&\O!\(!3:(@\5,!\).)\#\#>!7(:!\\\\$!\$\)77!(:!/,/M,:\$`!

- d A,U', $\frac{1}{1},\frac{1}{$
- d . (#%&#'&#>!)#0!(7!%=,!3:(%,4%&@,!)#5!\$'33(:%&@,!/,)\$':,\$!3:,@&('\$\*0!,\$%)M\*&\$=,5`!
- d

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## I''#)+\*5+0\*##''=/-+E('\$)''\*'#+

 $\begin{array}{l} E\#0! (\#,!(:!/(:,!(7!\%=,!\$)\#4\%(\#\$!*\&\$\%,5!M,*(F!/)0!M,!\&/3(\$,5!(\#!)!:,\$3(\#5,\#\%!F=(!\&\$!7('\#5!:,\$3(\#\$\&M*,!7(:!)!@\&(*)\%\&(\#!(7!\%=,!.(**,>,?\$!9\&\$4:\&/\&\#)\%(\#-!O):)\$$/,#\%-!)#5!A,%)*\&)\%(\#!H(*\&40_!:G)#4\%\&(\#\$!\#(\%!*\&\$\%,5!=,:,!/)0!M,!\&/3(\$,5!\&\#!4(\#\$'*\%)\%\&(\#!F\&\%=!)#5!)33:(@)*!M0!\%=,!.\&@\&*!A\&>=\%\$!B! < \&\%*,!"C!.((:5\&\#)\%(:_!!) \\ \end{array}$ 

 $\frac{! \&\#\$5, 6! "\#\#5(')00}{!"\#!} *! \&\#\$\%) \#4, \$! F=, :, !)! \$\%'5, \#\$! \&\$!7('\#5!:, \$3(\#\$\&M*, !7(:!, \#>)> \&\#>! \&\#! \\ H: (=\&M\&\%, 5!. (\#5'4\%-!\%=, !. \&@\&*!A\&>=\%\$!B!< \&\%, !"C!. ((:5\&\#)\%(:!F\&*!4(\#\$\&5, :!)\#5!5, \%, : / \&\#, !"F=, \%=, :!#(\#85\&\$4\&3*\&\#):0-!)5 / &\#\&\$\%:) \%\&@, ! / ,) \$':, \$!7(:!\%=, !*):>, :!4) / 3' \$!4( / / '#\&\%0!):, ! )33: (3:\&) \%, _! G'4=! :, /, 5\&)*-! 4( / / '#\&\%08$ 

 $\frac{*+, )'(5)'''(0}{2} | A, 3)0 / \# \% (\% = ,! . (**, >,!(:!\%(!)#!)77, 4\%, 5!3):\% 0!7(:!5) / )>, \$!:, \$' \% \& \#>!7:(/!)! \\ @\&(*)\%\&(\#!(7!\% = \&\$! . (5, -!<(!, \#7(:4, !\% = \&\$!\$) \# 4\%\&(\#-!\% = ,! . (**, >, !:, \$; .@, \$!\% = ,!:\&)=\%!\%(!F\&\% = =(*5!) \\ \&\%\$!\%:) \# \$4:\&3\%\$!) \# 5!5, >:, , \$!(:!\%(!5, \#0!)!\$\%'5, \#\%!3):\%\&4\&3) \%\&(\#!\&\#!>:)5') \%\&(\#!4, :, / (\#\&, \$!) \# 5! \\ 3:\&@\&*, >, 5!, @, \#\%\$_!$ 

<u>\*+#"?&%69/"#6!&#\$5,6="5,'(80</u>!G%'5,#%\$!/)0!M,!:,/(@,5!7:(/!.(\*\*,>,!=('\$&#>!)#5L(:! M)::,5!7:(/!)33\*0&#>!7(:!4)/3'\$!=('\$&#>!5',!%(!5&\$4&3\*&#):0!@&(\*)%&(#\$!(7!%=&\$!.(5,\_!

><u>U\$5%,'''(0</u>!H,:/)#,#%!%,:/&#)%&(#!(7!\$%'5,#%!\$%)%'\$!)#5!,24\*'\$&(#!7:(/!.(\*\*,>,!3:,/&\$,\$-!

 $\begin{array}{l} H(\$\&M^*, !5\&\$4\&3^*\&\#):0!) 4\%\&(\#\$!7(:!6(\#8<,\#':,!<:)4c!N)4'*\%0!) \#5!\$\%)77!\&\#4*'5, -!M'\%!):, !\#(\%!*\&/\&\%, 5!\\ \%(!\%=, !7(**(F\&\#>!)4\%\&(\#\$-!F=\&4=!F\&^{**!}M,!\&/3(\$,5!\&\#!)!/)\#\#, :!\%=)\%!\&\$!4(\#\&\&\%, \#\%!F\&_{1}):, !\&\%:1, !\&$ 

**J** (%'"'**8**6!+,:M)\*!6(%&4,-!F&%=!5(4'/,#%)%&(#!&#!%=,!3,:\$(##,\*!7&\*,-!%=)%!4(#%&#')%&(#!(:!