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"#\$%&#!" (!)\*+, -!

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. , !\*#/0+12, 3!\$, !4 \*#5!\*6!\$, !708&9\$: !; , +0\$, !%1-!: , 0#10#\*&+3!\*&#!/&131+!/!\$, < , =>?#0+-8, +31+!/!@&#!  
; 19\*-(A!B, : !\*\$!\$, !-&88, --, -!4, !08%1, C, 3!40-!\$, !08\$1C, !1+C\*9C, < , +\$!0+3!9, 03, #-%1D!\*6!\$, !708&9\$: !  
; , +0\$, !EF, 8&\$1C, !' \* < <1\$\$, , (!. , !01<, 3!\$\*!1+8#, 0-, !\$, !\*C, #099!9, C, 9!\*6!08\$1C, !, +/0/, < , +\$!\*+!\$, !DO#\$\$  
\*6!608&9\$: !-, +0\$\*#-!0+3!4, !%\*D, 3!6\*#!0!G, /1+++/!\$#0+-6\*#<0\$1\*+!1+!\$, !8&9\$&#, !\*6!\$, !-, +0\$, =!1+!  
DO#099, 9!41\$!\$, !80<D&-H413, !4 \*#5!\$%0\$1-!\*88&##1+/!1+!\$, !>|<0/1+, !JKA!D%0-, !\*6!\$, !' %0+8, 99\*#L-!  
-\$#0\$, /18!D90+++/!1+1\$10\$1C, (!" \$!\$, !G, /1+++/!\*6!\$, !: , 0#-!4, !\*&\$9!+, 3!6!C, !-&G\$, < , -!\$\*!/&13, !\* &#!  
4 \*#5M

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N(!; \$, DD1+!/!KD!\$\*!; %0#, 3!O\*C, #+0+8, !0+3!708&9\$: H; \$066H; \$&3, +\$!' \*990G\*#0\$1\*+!

" +!, +8\* &#0/1+!/!\$\*+, !40-!-, \$!, 0#9: !1+!\$, !6099!P&O#\$, #!41\$%!\$, !61+09!D%0-, !1+!\$, !DO--0/, !\*6!\$, !#, C1-, 3!  
"DD\*1+\$< , +\$-!Q#\* < \*\$1\*+!0+3!?, +&#, !3\*8&< , +\$(!. 1\$!/, +&1+, 9: !08\$1C, !, +/0/, < , +\$!G: !-, +0\$, !  
9, 03, #-!-, +0\$, !< , <G, #-%1D!O\$!90#/ , =!\$, !Q#\*C\*-\$!0+3!\$, !708&9\$: !0+3!E3&80\$1\*+09!" 6601#-!' \* < <1\$\$, , !  
R7E"' S!\*6!\$, !T\*0#3!\*6!?#&-\$, , -!\$, !#, C1-, 3!3\*8&< , +\$!40-!DO--, 3!3&#1+!/!\$, !. 1+\$, #!T#, 05!G: !  
, 9, 8\$#\*+18!C\*\$, =!41\$!-&DD\*#S!\*6!UV!D, #8, +\$!\*6!C\*\$1+/-, +0\$\*#-!RWX!D, #8, +\$!>\$&#+H\*&\$AS!0+3!YY!D, #8, +\$!  
\*6!608&9\$: !< , <G, #-!4%\*!C\*\$, 3!RXW!D, #8, +\$!>\$&#+H

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708&9\$: !; , +0\$, !Q#, -13, +\$L-!" ++&0!^, D\*#\$=! " 803, <18!\_, 0#![VN`H[VNX!

"\$!\$, !, +3!\*6!" \_![VNaH

1+C1\$, 3!-, +0\$\*#-!\$\*!G, !1+C\*9C, 3!1+!\*+/\*1+!/!, 66\*#\$-!0\$!JK!\$\*!8#, 0\$, !0!-06, !80<D&-!6\*#!G\*\$%!4\* < , +!0+3!  
< , +( !; % , ! , -D, 81099: !, +8\* &#0/, 3!&+1P&, !8\*+#!G&\$1\*+-!\$%0\$!608&9\$: !< , <G, #-!80+!G#1+!/!\$\*!\$, !\$0G9, =!  
1+89&31+/\$%, !3, -1/+!0+3!1<D9, < , +\$0\$1\*+!\*6!-8%\*90#9: !D#\*], 8\$-!6\*8&- , 3!\*+!?!\$9, !!b!1--&, -(?!%1-!1-!#1D, !6\*#!  
6\*99\* 4H&D=0-!\$, #, !40-!-&#D#1-1+!/9: !9!\$9, !31-8&--1\*+!1+!#, -D\*+- , !\$\*!\ -(!O#\*C, L-!ODD, 09(!

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" +!1+C1\$0\$1\*+!40-!, F\$, +3, 3!\$\*!099!608&9\$: !< , <G, #-!\$\*!D0#\$181D0\$, !1+!-, --1\*+--!-8%, 3&9, 3!6\*#!608&9\$: !  
1+\$, #C1, 4-!41\$%!61+09!-\$-!6\*#!\$, !+, 49: !8#, 0\$, 3!6&99H\$1< , !?!\$9, !!b!' \*\*#31+0\$\*#!D\* -1\$\*+(!" 9\$%\*&/%!\*+9: !0!  
%0+36&9!\*6!608&9\$: !< , <G, #-!R1+89&31+/\$%, !708&9\$: !; , +0\$, !Q#, -13, +\$!D0#\$181D0\$, 3=\$%\*- , !4%\*!313!0\$\$, +3!  
\$, !608&9\$: !-, --1\*+--!41\$%!\$, !61+09!-\$-!4, #, !-&88, --6&9!1+!G#1+!/1+!/!&+1P&, !608&9\$: !D, #-D, 8\$!C, -!\$\*!\$, !  
D#\*8, --(!708&9\$: !D0#\$181D0+\$-!09-\*!D#\*C13, 3!6, , 3G085!\$\*!\$, !-, 0#8%!8\* <<1\$\$ , !\*+!, 08%!80+3130\$, !R099!  
4, #, !-\$\*+ /c\$=0+3!4, #, !C, #: !D9, 0-, 3!41\$%!\$, !ODD\*1+\$< , +\$!\*6!), 0+!\ 8" 99!-\$, #!\$\*!\$, !D\* -1\$\*+(!!

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. , !%0C, !8\*+-13, #0G9, !4\*#5!\$\*!3\*!\$\*!, +/0/, !608&9\$: !< , <G, #-!<\*#, !6&99: !1+!\$, !<&9\$1H90: , #, 3!1--&, -!  
-&##\* &+31+!/!?!\$9, !!b(!" \$!\$, !, +3!\*6!\$, !0803, <18!: , 0#=#0!9!+5!\$\*!0+!1+!\$109!\*+9!+, !?!\$9, !!b!\$#01+1+!/!<\*3&9, =!  
#, P&1#, 3!G: !\$, !6, 3, #09!/\*C, #+< , +\$=40-!31-\$!G&\$, 3!





8\*+&9\$0\$1\*+≠0+3!4, !4199!8\*+\$1+&, !1+!\$, !+, F\$!: , 0#!41\$%!P&O#\$, #9: !< , , \$1+/-!\$\*!#, C1, 4!\$, !4 \*#5!\*6!\$, !  
; , +0\$, !0+3!31-8&--!40: -!+!4%18%!D#, C1\*&-9: !1+8\* <D9, \$, !1+1\$10\$1C, -!80+!G, !8\*+\$1+&, 3(!. , !099!0/#, , !\$%O\$!  
O!\$4 \*H: , 0#!708&9\$: !; , +0\$, !\$, #<≠4%19, !#, 09!-\$18!+!\$, #< -!\*6!< &9\$1D9, !\*\$%, #!608&9\$: !#, -D\*+ -1G19!\$1, -!0+3!  
8\* < <1\$ < , +\$-≠1-!09-\*!O!-%\*#\*\$!\$1< , !6#0< , !6\*#!4 \*#51+ /!\*+!- &G-\$0+\$1C, !D#\*], 8\$-(!/?%, !Q#, -13, +\$-L!' \* &+819!  
D#\*C13, -!0!8#, 0\$1C, !40: !\*\$!<OF1<12, !8\*+\$1+&1\$: (!!

"\$!\$, !90-\$!< , , \$1+ /!\*6!\$, !0803, <18!: , 0#!\*+!\ 0: ! [ +<sup>3</sup>≠B0\$, !. 1991+5≠!" --\*810\$, !Q#\*6, --\*#≠J, DO#< , +!\*6!  
' \* < < &+180\$1\*+!; \$&31, -≠40-!, 9, 8\$, 3!\$\*!\$, !D\*-\$1\*+!\*6!Q#, -13, +\$HE9, 8\$(!; %, !4199!-, #C, !0-!\*+!\$, !708&9\$: !  
; , +0\$, !EF, 8&\$1C, !' \* < <1\$\$ , !0-!Q#, -13, +\$HE9, 8\$!6\*#!\*+ , !: , 0#!0+3!4199!G, /1+!O!\$4 \*H: , 0#!\$, #< !0-!708&9\$: !  
; , +0\$, !Q#, -13, +\$!\*+!)&+ , !N≠[VNW(!!

?%, !6\*99\* 41+ /!80+3130\$, -!4, #, !, 9, 8\$, 3!\$\*!\$4 \*H: , 0#!\$, #< -!0-!708&9\$: !; , +0\$, !\*6618, #-M

E#1+!\ , : , #≠!" --1-\$0+\$!Q#\*6, --\*#≠K+1C, #-1\$: !d1G#0#1, -!



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?%, !?, +&#, 3!708&9\$: !Q, #6\*#<0+8, !^, C1, 4!R?7Q^!8\* < <1\$\$, , !8\*+C, +, -!0+3!, 9, 8\$-!' %!D!^, 18%0#3\$!0+3!  
BO\$, !. 1991+5!8\*H8%01#-(!/?%#, , !4 \*#51+/-!-&G8\* < <1\$\$, , -!0#, !8#, 0\$, 3MNS!EF\$, #+09!^, -, 0#8%!R#, -D\*+-1G9, !6\*#!  
8\*99, 8\$1+!/0+3!0+09: 2!+!/!D, , #H#, C1, 4, 3!#, -, 0#8%!0+3!1+6\*#<0\$1\*+!\*+!\*\$, #!1+-\$!\$&\$1\*+-\$!D#08\$!8, -Sf![S!  
!+\$, #+09!^, -, 0#8%!R#, -D\*+-1G9, !6\*#!1+\$, #C1, 4!+!/0+3!-&#C, :1+/-!-\$05, %\*93, #-!4!\$%1+!\$, !K+1C, #-1\$: !\*6!  
J, +C, #Sf!0+3!aS!' \* < &+180\$1\*+!4!\$%!\$, !708&9\$: !R#, -D\*+-1G9, !6\*#!8\* < &+180\$1+!/!4!\$%!608&9\$: !<, <G, #-S(!

EF\$, #+09!^, -, 0#8%! ' \* < <1\$\$, , !/0\$, #-!1+6\*#<0\$1\*+!\*+!Q\*-\$H?, +&#, !^, C1, 4!D\*9!81, -!0+3!D#\*8, 3&#, -!0\$!  
\*\$%, #!1+-\$!\$&\$1\*+-\$!RD#, -, +\$, 3!G, 9\*4S(!1+\$, #+09!^, -, 0#8%! ' \* < <1\$\$, , !D#, DO#, -!1+\$, #C1, 4!D#\*\$\*8\*9-(

?7Q^!8\* < <1\$\$, , !8\*H8%01#-!<05, !0!D#, -, +\$0\$1\*+!\$\*!7E"" !\*+!\$, !EF\$, #+09!^, -, 0#8%!-&G8\* < <1\$\$, , L-!  
D#, 9!<1+0#: !6!+3!+/-!0+3!3!8&--!\$, !!+\$, #+09!^, -, 0#8%!-&G8\* < <1\$\$, , L-!P&, -\$1\*+-!8\*+8, #+1+!/!D\*-\$!\$, +&#, !  
#, C1, 4!1+!\*#3, #!\$\*!

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?%, !E+%0+8, 3!" ++&09!^, C1, 4!< \*3, 9!, F\$, +3-!\$, !8&##, +\$!0++&09!#, C1, 4-!G: !0331+!/!3, C, 9\*D<, +\$09!  
\*DD\*#\$&+1\$, -!0+3!0+!, C09&0\$1\*+!<, 8%0+1-<!\$%0\$!8\* &93!1+!\$10\$, !0!/?#1//, #, 3!' \*+-, P&, +\$109!Q, #6\*#<0+8, !  
^, C1, 4(!!!+!0!/?#1//, #, 3!' \*+-, P&, +\$109!Q, #6\*#<0+8, !^, C1, 4!^\*+9: !-, 9, 8\$, 3!608&9\$: !<, <G, #-!0#, !#, C1, 4, 3=!  
\$#1//, #, 3!G: !0!-, #1, -!\*6!&+-0\$1-608\$\*#: !0++&09!#, C1, 4-!0+3!1<D#\*C, <, +\$!D90+-!0#, !3, C, 9\*D, 3=0-!  
ODD#\*D#10\$, (!; &DD\*#\$!6\*#D#\*6, --1\*+09!3, C, 9\*D<, +\$!1-!09-\*!D#\*C13, 3=0-!ODD#\*D#10\$, (!Q#\*/#, --!1-!0--, --, 3!  
0+3!-0+8\$1\*+!-!80+!G, !ODD9!, 3!4%, +!D#\*/#, --!1+!&+-0\$1-608\$\*#: (!Q0#\$!\*6!0!D\*-\$!\$, +&#, !3, C, 9\*D<, +\$!<\*3, 9=!  
0!' \*<D#, %, +-!C, !Q, #1\*318!^, C1, 4!&-, -!D, #1\*318!#, C1, 4-!R, C, #: !X!\$\*!K!: , 0#-!0-!0!9!6, 8: 89, !ODD#\*08%!\$\*!  
608&9\$: !3, C, 9\*D<, +\$=80#, , #!D90++1+!/0+3!0--, --<, +\$!\*6!G\*\$%!#, \$\*#-D, 8\$!C, !0+3!D#\*-D, 8\$!C, !  
8\*+\*\$!G&\$1\*+!-!0+3!/\*09-(!; &8%!0!<\*3, 9!#, P&1#, -!8\*+8\* <1\$0+\$!3, C, 9\*D<, +\$09!-&DD\*#\$!6#\* <!\$, !&+!C, #-!\$: !