## ! "#\$%&' #()\*+)\*)+\$#, "%\$-.\*/#\$\$O\$1&.

 MES. L5AB2. ! A@AF', \*1(%&"2' 0\$KC%<#"-D"1' 0C-' 0D2""1' (30(' +2%9515%C' %B' (3"' 8"295\$"' 5C9%#9"1@ 0C-', \*1(%&"2' 0\* (3%256"1@ )\*&+, #%\*-I1V'=0A'\$%##'\$(5%C'%B'R10D'''40(0'5C'\$%CC''\$(5%C'<5(3'+2%95-5CD'(3"'8"295\$"W=; A'\*1"''%B'R10D'''40(0'5C'\$%CC''\$(5%C'<5(3'+2%95-5CD'(3"'8"295\$"W=; A'\*1"''%B'R10D'''40(0'5C'\$%CC''\$(5%C'<5(3'+2%95-5CD'(3"'8"295\$"W=; A'\*1"''%B'R10D'''40(0'5C'\$%CC''\$(5%C'<5(3'+2%95-5CD'(3"'8"295\$"W=; A'\*1"''%B'R10D'''40(0'5C'\$%CC''\$(5%C'<5(3'+2%95-5CD'(3"'8"295\$"W=; A'\*1"''%B'R10D'''40(0'5C'\$%CC''\$(5%C'<5(3'')40')\*1" 0C-' =\$A' D"C"20(5%C' 0C-' \*1"'' %B' -"75-"C(585"-@ 0DD2"D0("-@ 0C-\$%2' 0C%C6&5G"-' -0(0' (30(' -%"1' C%('5C\$#\*-"' 0C6' 5-"C(5865CD' 5CB%2&0(5%C' %B@ %2' 2"'01%CO; #6' +"2&5(' (3"' 5-"C(585\$0(5%C' %B@ , \*1(%&"2' %2' 0C6' 5C-595-\*0#' =5C\$#\*-5CD' 0C6' R1"'2A.' )\*&+, #%\*-' <5##' \$%&+#6' <5(3' 0++#\$\$0; #"' 1(0(\*(%26' 2"T\*52"&"C(1'<5(3'2"1+"\$('%'(3"'-0(0'D"C''20("-'+\*21\*0C('(%'(351'8"\*\$(5%C'Z.U'=R10D'''40(0A.''

 $\label{eq:meta-solution} $$ MET. + 67@JA32.\&66-5.AC?. * G"5E'FC6'8\%B(<02''': \%\#'(30('51'C\%('0C'F*(3\%25G'' - '8\%B(<02''': \%\#'=0'>\%6.4.4 < C\%K. + 67@JA32.\&66:?@''.D.@O'1\$25+('-''9''\#+''-'\%2'\&\%-5B5''-'; 6', *1(\%\&''2'\%2'(352-'+02(5''1A'%2'F/E', 0\mi', \%-'''(30('51'C\%('<25((''C'0C-'+2\%95-''-'; 6')*\&+, \mi'**-'51'C\%('0'$\%&+\%C''C('\%B'(3'''8''295\)''0C-'51'C\%('2''T*52''-'(\%'; '''1*++\%2(''-'; 6')*&+, \mi'**-'E('51', *1(\%&''211'2''1+\%C15; 5\mathbb{f}(6'(\%'=0A'''))*''(30('5(1'*1'''\%B', \%&*C5(6'8\%B(<02''': \%\mi')0C-'1*$3'F/E', 0\mi', \%-'''<5\mi''309'''(3'''BB''\$(1'-''152''-'; 6', *1(\%&''2\mi'=a'))*''(3'''BB''\$(1'-''152''-'; 6')*'\$\mi''\$(3'''F'(3\%25G''-'8\%B(<02''': \%\mi')1'')C-'(3'''8''295\)'''F/E1\d(0C-'=\$A'\&0K'''0++2\%+250('''*+-0(''1'(\%'0C6''F/E', 0\mi'', \%-'''0C-'(3'''8\%B(<02''': \%\mi')1'').'''$ 

MEU.&H93?)GA3@K.+67@J A32E': 3"'8"'295\$"'%2'8%B(<02"': %%#1'&06'"'C0; #''', \*1(%&"2'(%'-%<C#%0-'%2'5C1(0##'(352-7+02(6'1%B(<02"'%C' 4"'95\$"'1'="'.D.@ 1%B(<02"''\*+-0("'1A.' F##'251K1'2"#0("'-'(%'1\*\$3'(352-7+02(6'1%B(<02"''02"'''C(52"#6'(3"'2"'1

MEDM.G36725596CA>.+2389: 25E.: %'(3"'"H("C('(30('0C'J2-"2'5C\$#\*-"1'/2%B"'115%C0#'8"'295\$"'1

1\*; 1\$25+(5%CA@, \*1(%&"2'&06'C%('2"C"<'0C6'J2-"2'B%2'0'#"11"2'-\*20(5%C'(30C'(3"'(3"'C7\$\*22"C('J2-"2': "2&'=".D.@0C'0CC\*0#'1\*; 1\$25+(5%C'&06'C%('; "'2"C"<'"-'01'0'&%C(3#6'1\*; 1\$25+(5%CA'\*C#"11')\*&+, #%\*-'0C-', \*1(%&"2'"C("2'5C(%'0'C"<'J2-"2'B%2'0' 13%2("2'J2-"2': "2&.'EB', \*1(%&"2'+\*2\$301"1'0C'0CC\*0#'1\*; 1\$25+(5%Cd(3"', %&&5(("-'j \*0C(5(5"1'=8%2'R1"21'0C-'4"95\$"1A'5C'0C6' b"C"<0#'J2-"2': "2&'<#"; "'(3""D2"0("2'%B'=0A'(3"', %&&5(("-'j \*0C(5(5"1'5C'(3"'+2"\$"-5CD'J2-"2': "2&@0C-'=; A'(3"'35D3"1(' ^5D37! 0("2'\_02K1'B%2'(3"'#01('(32""'=NA'&%C(31'5C'(3"'+2"\$"-5CD'J2-"2': "2&."

/2%B"115%C0#8"295\$"1'5C'0C6'B%2&'%(3"2'(30C'5C'0\$\$%2-0C\$"'<5(3'(351'FD2""&"C(.', \*1(%&"2'<5##'C%('2"&%9"@0#("2@%2'%; 1\$\*2"'0C6'+2%+25"(026'C%(5\$"1'=5C\$#\*-5CD'\$%+625D3('C%(5\$"1A'%B')\*&+, #%\*-'%2'5(1'1\*++#5"21'5C'(3"'8"'295\$"'%2'4%\$\*&"C(0(5%C.''

TEP. 09: 2C52. @6. F22?\A: [E'>F22?\A: [?' &"OC1' 0#", \*1(%&"2'%2' R1"2' 1\*DD"1(5%C1' 2"D02-5CD' C"<' B"O(\*2"1d B\*C\$(5%C05(6d %2' +"28%2&0C\$"'B%2' (3"'8"295\$"'%2' /2%B"115%C0#8"295\$"1d 5C\$#\* -5CD' 1\*DD"1(5%C1' 1\*; &5((" -' (32%\*D3' (3"'85(".', \*1(%&"2' 3"'2"; 6' D20C(1' (%')\*&+, #%\*-'0'2%60#(67B2""d <%2#-<5-"d (20C1B"20; #"d1\*; #\$\$"C10; #"d522"9%\$0; #"d0C-'+"2+"(\*0# #\$\$"C1"'(%'\*1"'1\*\$3' a""-; 0\$K'0C-'0C6'F/F', 0##, %-"'-51\$#%1"-'(%')\*&+, #%\*-'B%2'0C6'#0<B\*#+\*2+%1"d5C\$#\*-5CD'(3"'-"9"#%+&"C('%2'5&+2%9"&"C('%2'5&+2%9"&"C('%2'5\*C5(5%C05(6'B%2'(3"'8"295\$""%2'/2%B"115%C0#8"295\$""1.')\*&+, #%\*-'<5##C%('5-"C(5B6', \*1(%&"2'01'(3"'1%\*2\$"'%B'0C6' 1\*\$3'a""-; 0\$K."

UE.%' 1F"! \$1&"\*0."1F' #O\*&"' 1E...

UED.! 279C996CE'>%6C79?2C@A>."C763 4 A@6C?'&."OC1'O##5CB%2&O(5%C'%B'(3"'451\$#%15CD'/O2(6'=01'-"B5C"-'; "#%<A'-51\$#%1"-'(%'(3"'b)"\$"595CD'/O2(6'=01'-"B5C"-'; "#%<A'(30('51'&02K"-'%2'5-"C(595"-'01'\$%CB5-"C(50#'%2'-51\$#%1"-'5C'\$52\$\*&1(0C\$"1'(30('<%\*#-'#"0-'0'2"01%CO; #"'+"21%C'(%'; "#5"9"'1\*\$3'5CB%2&O(5%C'51'\$%CB5-"C(50#.'F## 5CB%2&O(5%C'2"D02-5CD'(3"'8"295\$"'0C-'/2%B"115%CO#'8"295\$"1'<5##; ""\$%C15-"2"-')\*&+, #%\*-11', %CB5-"C(50#ECB%2&O(5%C@C%(<5(31(0C-5CD'0C6'B05#\*2"'(%'&02K'%2'5-"C(596'5('01'1\*\$3.'/2%("\$(5%C1'B%2', \*1(%&"2'40(0'02"'+2%95-"-'B%2'5C'8"\$(5%C'Z.\'=40(0'/2%\$"115CDA'0C-'C%('5C'(351'8"\$(5%C'%B'(3"'+02(5"1'\$2"0'')-')\*&+, #%\*-11'), %CB5-"C(50#'ECB%2&O(5%C'02"', %CB5-"C(50#'ECB%2&O(5%C'%B'(3"'+02(5"1'\$2"0'')-')\*&\*('(3"'')-10')\*&\*('(3"

UEM.G36@2:@96CE': 3"'+02(6'2"'\$"595CD', %CB5-"'C(50#ECB%2&0(5%C'=>#2:2989CB.GA3@K?A'B2%&'(3"'%(3"'2'+02(6'=>!95:>659CB.GA3@K?A'<5##

 $\begin{array}{l} \text{DDEP.} + 2823 \text{A} \text{PpeKN.} \ Z \ \text{A}9823 \text{E'B'} \ \text{OC6'} + 2\%9515\% \text{C'} \ \text{''B'} \ \text{(351'} \ \text{FD2'''} \& \text{''C('51'3''\#-'(\%'; '''5C90\#5-'\%2' *C''CB\%2\$'')}; \ \#''' \ \text{B}\%2' \ \text{OC6'} \ \text{2'''01\% \text{C'}} \ \text{C''} \ \text{C''}$