User ID: _____ CS-1150_QZ02.DOCX   NAME: _____

#1   Java compiler translates Java source code into _____.

   (a)   assembly code
   (b)   another high-level language code
   (c)   Java bytecode
   (d)   machine code

#2   24 % 5 is _____

   (a)   3
   (b)   4
   (c)   0
   (d)   1
   (e)   2

#3   Which of the following expression results in a value 1?

   (a)   2 % 1
   (b)   41 % 42
   (c)   15 % 4
   (d)   37 % 6
   (e)   25 % 5

#4   The keyword _____ must be used to declare a constant.

   (a)   static
   (b)   final
   (c)   double
   (d)   int
   (e)   const

#5   To obtain the current minute, use _____.

   (a)   System.currentTimeMillis() / 1000 / 60 / 60 % 24
   (b)   System.currentTimeMillis() % 3600
   (c)   System.currentTimeMillis() % 60
   (d)   System.currentTimeMillis() / 1000 / 60 % 60
   (e)   System.currentTimeMillis() / 1000 % 60

Enter the letter(s) of each answer below. You may choose multiple answers, but credit will be divided by the number of choices made.

1_____ 2_____ 3_____ 4_____ 5_____ 6_____ 7_____ 8_____ 9_____ 10_____

#6 The expression 6 + 12 / (3 - 1) * 3 is evaluated to

    (a)   36
    (b)   27
    (c)   3
    (d)   8
    (e)   24

#7 Given |x - 2| >= 4, which of the following is true?

    (a)   x - 2 >= 4 && x - 2 <= -4
    (b)   x - 2 >= 4 || x - 2 <= -4
    (c)   x - 2 >= 4 || x - 2 < -4
    (d)   x - 2 >= 4 && x - 2 < -4

#8 Which of the following are so called short-circuit operators?

    (a)   ~, ^, & and |
    (b)   !, &&, and ||
    (c) || and &&
    (d)   & and |

#9 Assume x = 4 and y = 5, which of the following is true?

    (a)   x != 4 ^ y == 5
    (b)   x == 5 ^ y == 4
    (c)   x != 5 ^ y != 4   Editing artifact that should not be here.
    (d)   !(x == 4) ^ y != 5 (#10) Does not affect quiz since this is an incorrect option.

#10 Do not answer this question -- it is for grading purposes only.

    (a)   Turned in the quiz.
    (b)   Entered UserID incorrectly or illegibly.
    (c)   Entered Name illegibly.
    (d)   Did not enter answers legibly in spaces provided.
    (e)   Did not leave the answer space for this question blank.