

Question 1: Multiple choice (Note: ~ represent space)

1- Reading a double number using nextInt() is example of

a- Compilation error

b- Run time error

c- Logical error

d- Design error

2- A program that read the price of two product and display the total and average has the following input

a- number of products

b- total price

c- total price and average

d- price of two products

3- Which of the following values can a variable of type character NOT store?

a- Digit

b- String

c- Space

d- Special character

4- Which of the following identifiers is valid?

a- email-Address

b- javaQuiz#1

c- double Price

d- 1stName

5- What will be the value of z after executing the following statements?

int x=0, y=3;

double z = y * 5 - 3 / x + 4;

$$3 * 5 - 3 / 0 + 4$$

$$15 - 3 / 0 + 4$$

$$15 - 0 + 4$$

a- 3.0

b- 4.0

c- Compilation error

d- Run time error

6- What is the output of the following java statement:

System.out.println ((double) ('a' + 3)); // Unicode of 'a' = 97

100

a- 99.0

b- 100

c- 100.0

d- Compilation error

7- What is the output of the following java statement:

int x=1, y=2, z=3;

System.out.println(x++ < y && y >= -z);

$$1 < 2 \quad 88 \quad 27 = 2$$

$$T \quad 88 \quad T$$

a- true

b- false

c- Compilation error

d- Run time error

8- What is the output of the following java statement (Assume read is a Scanner and user input is: 9.0e):

double x= read.nextDouble();

System.out.println(x);

$$9.0e - 3.4e - 3.4e + 3e$$

$$double -1.1 \quad 1.7e$$

a- 9.0

b- 9.0e

c- Compilation error

d- Run time error

9- What is the output of the following java statement:

System.out.printf("%01.1f", 2.466);

a- 2.5

b- 2.466

c- ~2.5

d- ~2.466

10- String str = "Exam1";

System.out.println(str.replace('x', '*'));

now the value of str is

a- Exam1

b- E*am1

c- Syntax error

d- Run time error