Computer Geeks

C MCQ QUESTION AND ANSWERS

1) What is the 16-bit compiler allowable range for integer constants?

a.   -3.4e38 to 3.4e38

b.   -32767 to 32768

c.   -32668 to 32667

d.   -32768 to 32767

ANSWER : (d) -32768 to 32767

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2) Study the following program:

```
main()
{printf("COMPUTER GEEKS");
main();}
```

What will be the output of this program?

a.   Wrong statement

b.   It will keep on printing computer geeks

c.   It will Print computer geeks once

d.   None of the these

ANSWER : (b) It will keep on printing javatpoint.

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3) What is required in each C program?

a. The program must have at least one function.

b. The program does not require any function.

c. Input data

d. Output data

ANSWER : (a) The program must have at least one function.

4)Which of the following comment is correct when a macro definition includes arguments?

a) The opening parenthesis should immediately follow the macro name.
b) There should be at least one blank between the macro name and the opening parenthesis.
c) There should be only one blank between the macro name and the opening parenthesis.
d) All the above comments are correct.

ANSWER : (a) The opening parenthesis should immediately follow the macro name.

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5)What is a lint?

a. C compiler

b. Interactive debugger

c. Analyzing tool

d. C interpreter

ANSWER : (c) Analyzing tool

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6) What is the output of this statement "printf("%d", (a++))"?

   a) The value of (a + 1)

   b) The current value of a

   c) Error message

   d) Garbage

ANSWER : (b) The current value of "a".

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7) What does this declaration mean?

    int x : 4;

   a) X is a four-digit integer.
   b) X cannot be greater than a four-digit integer.
   c) X is a four-bit integer.
   d) None of the these

    ANSWER : (c) X is a four-bit integer.

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8) Why is a macro used in place of a function?

   A) It reduces execution time.
   B) It reduces code size.
   C) It increases execution time.
   D) It increases code size.

 ANSWER : (d) It reduces code size.