

C MCQs - 2

Topics : [C](#)

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11. What is the output of the following code snippet?

```
int i = 5;
printf("%d\n", ++i);
```

- a) 5
- b) 6
- c) Undefined behavior
- d) Compiler error

Answer: b) 6

12. Which symbol is used for a single-line comment in C?

- a) //
- b) /* */
- c) #
- d) <!-- -->

Answer: a) //

13. What is the output of the following code snippet?

```
int a = 5, b = 10;
printf("%d\n", a > b ? a : b);
```

- a) 5
- b) 10
- c) Error
- d) Undefined

Answer: b) 10

14. In C, what is the function used to read a character from the standard input?

- a) read()
- b) getchar()
- c) scanf()
- d) gets()

Answer: b) getchar()

15. What will be the output of the following code?

```
#include <stdio.h>
int main() {
    int i = 0;
    while (i < 5) {
        printf("%d ", i++);
    }
    return 0;
}
```

- a) 0 1 2 3 4
- b) 1 2 3 4 5
- c) 0 1 2 3
- d) Infinite loop

Answer: a) 0 1 2 3 4

16. Which of the following is NOT a valid data type in C?

- a) double
- b) char*
- c) float
- d) string

Answer: d) string

17. What does the scanf () function return?

- a) The value entered by the user
- b) The number of characters read
- c) The number of format specifiers successfully matched and assigned
- d) A pointer to the input buffer

Answer: c) The number of format specifiers successfully matched and assigned

18. Which operator is used to access the value stored at a particular address in C?

- a) &
- b) *
- c) ->
- d) ::

Answer: b) * (asterisk)

19. In C, which of the following is NOT a valid way to initialize an array?

- a) `int arr[] = {1, 2, 3};`
- b) `int arr[3] = {1, 2};`
- c) `int arr[3]; arr = {1, 2, 3};`
- d) `int arr[3]; arr[0] = 1; arr[1] = 2; arr[2] = 3;`

Answer: c) `int arr[3]; arr = {1, 2, 3};`

20. What will be the output of the following code?

```
#include <stdio.h>
int main() {
    int arr[] = {1, 2, 3, 4, 5};
    printf("%d\n", *arr + 2);
    return 0;
}
```

- a) 1
- b) 3
- c) 2
- d) Compiler error

Answer: b) 3