ARYATECHNO

C MCQs - 2

Topics : C
Written on March 20, 2024

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?

```c
#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