

## C MCQs - 3

Topics : [C](#)

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

```
#include <stdio.h>
int main() {
    int x = 5;
    int y = 10;
    int z = (x > y) ? x : y;
    printf("%d\n", z);
    return 0;
}
```

- a) 5
- b) 10
- c) 15
- d) Compiler error

**Answer: b) 10**

22. Which keyword is used to terminate the execution of a function in C?

- a) stop
- b) end
- c) return
- d) terminate

**Answer: c) return**

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

```
int x = 5, y = 10;
printf("%d\n", x++);
printf("%d\n", ++y);
```

- a) 5, 11
- b) 6, 11
- c) 6, 10

d) 5, 10

**Answer: d) 5, 10**

24. Which function is used to concatenate two strings in C?

- a) strcat()
- b) concat()
- c) append()
- d) join()

**Answer: a) strcat()**

25. What will be the output of the following code snippet?

```
#include <stdio.h>
int main() {
    int i;
    for (i = 0; i < 5; i++) {
        if (i == 3)
            break;
        printf("%d ", i);
    }
    return 0;
}
```

- a) 0 1 2
- b) 0 1 2 3
- c) 0 1 2 3 4
- d) Compiler error

**Answer: a) 0 1 2**

26. Which escape sequence is used to print a newline character in C?

- a) \n
- b) \r
- c) \t
- d) \b

**Answer: a) \n**

27. What does the calloc() function do in C?

- a) Allocates memory on the stack
- b) Allocates memory on the heap
- c) Frees memory
- d) Resizes memory

**Answer: b) Allocates memory on the heap**

28. Which operator is used to find the remainder of division in C?

- a) %
- b) /
- c) \*
- d) &

**Answer: a) %**

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

```
#include <stdio.h>
int main() {
    int i;
    for (i = 0; i < 5; i++) {
        if (i == 3)
            continue;
        printf("%d ", i);
    }
    return 0;
}
```

- a) 0 1 2
- b) 0 1 2 3
- c) 0 1 2 4
- d) Compiler error

**Answer: c) 0 1 2 4**

30. Which function is used to dynamically deallocate memory in C?

- a) free()
- b) dealloc()
- c) delete()
- d) release()

**Answer: a) free()**