

## C MCQs - 7

Topics : [C](#)

Written on [March 20, 2024](#)

61. What is the output of the following code?

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

- a) 1
- b) 2
- c) 3
- d) 4

**Answer: c) 3**

62. Which function is used to find the largest integer not greater than x in C?

- a) ceil()
- b) floor()
- c) round()
- d) trunc()

**Answer: b) floor()**

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

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

}

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

**Answer: a) 5, 6, 10**

64. Which of the following is used to access the last element of an array in C?

- a) arr[length - 1]
- b) arr[length]
- c) arr[length + 1]
- d) arr[-1]

**Answer: a) arr[length - 1]**

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

```
#include <stdio.h>
int main() {
    char str[] = "Hello";
    printf("%c\n", str[5]);
    return 0;
}
```

- a) H
- b) e
- c) l
- d) \0

**Answer: d) \0**

66. Which of the following is the correct syntax for declaring a structure in C?

- a) struct { int x; };
- b) structure { int x; };
- c) struct x { int x; };
- d) struct { int x; } x;

**Answer: c) struct x { int x; };**

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

```
#include <stdio.h>
int main() {
    int x = 5, y = 10;
```

```
if (x > y)
    printf("x is greater than y\n");
else if (x < y)
    printf("x is less than y\n");
else
    printf("x is equal to y\n");
return 0;
}
```

- a) x is greater than y
- b) x is less than y
- c) x is equal to y
- d) No output

**Answer: b) x is less than y**

68. Which function is used to convert a string to an integer in C?

- a) atoi()
- b) itoa()
- c) atoi()
- d) strtol()

**Answer: a) atoi()**

69. What does the strchr() function in C do?

- a) Finds the first occurrence of a character in a string
- b) Compares two strings
- c) Copies one string to another
- d) Concatenates two strings

**Answer: a) Finds the first occurrence of a character in a string**

70. What is the output of the following code?

```
#include <stdio.h>
int main() {
    int x = 5;
    printf("%d\n", x << 2);
    return 0;
}
```

- a) 5
- b) 10
- c) 20
- d) 40

**Answer: c) 20**

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