

C MCQs - 9

Topics : [C](#)

Written on [March 20, 2024](#)

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

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

82. In C, which function is used to read a line from a file?

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

Answer: a) fgets()

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

```
#include <stdio.h>
int main() {
    int x = 10;
    printf("%f\n", (float)x);
    return 0;
}
```

- a) 10.000000
- b) 10
- c) Compiler error
- d) Undefined behavior

Answer: a) 10.000000

84. Which of the following functions is used to find the square root of a number in C?

- a) sqrt()
- b) pow()
- c) sqr()
- d) root()

Answer: a) sqrt()

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

```
#include <stdio.h>
int main() {
    char str[] = "Hello";
    printf("%s\n", str + 2);
    return 0;
}
```

- a) Hello
- b) lo
- c) ello
- d) Compiler error

Answer: b) lo

86. Which operator is used to access the member of a structure in C?

- a) . (dot)
- b) -> (arrow)
- c) : (colon)
- d) :: (double colon)

Answer: a) . (dot)

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

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

}

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

Answer: b) 10

88. Which of the following is NOT a valid way to declare a structure variable in C?

- a) struct { int x; } s;
- b) struct s { int x; };
- c) struct s { int x; } s;
- d) struct s { int x; } s = {5};

Answer: a) struct { int x; } s;

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

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

- a) 1 3 5
- b) 1 2 3 4
- c) 2 4 6
- d) 1 2 3

Answer: b) 1 2 3 4

90. Which function is used to convert a floating-point number to a string in C?

- a) atof()
- b) ftoa()
- c) dtoa()
- d) float_to_string()

Answer: c) dtoa()