

## MCQs on loops in C Programming

1) Which of the following is an entry-controlled loop?

A) do-while B) while C) switch D) goto

2) Which loop executes at least one time?

A) For B) while C) do-while D) nested loop

3) What is the correct syntax of a for loop?

A) For (i=0; i<40; i++) C) for (i=0; i<40)

B) for (i<40; i++) D) for (i++)

4) Which keyword is used to exit from a loop immediately?

A) exit B) break C) continue D) return

5) What is the output of the loop?

```
for (int i=1; i<=3; i++) printf ("%d", i);
```

 A) 123

A) 123 B) 0123 C) 111 D) 321

6) Which keyword skips the remaining statements of loop iteration?

A) break B) continue C) stop D) exit

7) A loop inside another loop is called?

A) Nested loop B) Double loop

C) Group loop D) Multi-loop

8) How many times will the below loop run?

```
for (int i=0; i<5; i++) **A) u
```

A) 4 B) 5 C) 6 D) infinite

9) What type of loop is best when the number of iteration is known?

A) while B) do-while C) for D) nested

10) What is the output?

```
int i=5; while (i<5) printf("Hi"); **A) H
```

A) Hi B) Hi Hi C) Infinite Hi D) No output

11) Which loop checks the condition first before execution?

A) do-while B) while C) for and while D) goto

12) The do-while loop condition ends with:

A) Comma B) Semicolon (;) C) colon (:) D) braces {}

13) which is the correct syntax for a do-while loop?

- A) `do { } while (condition)`
- B) `do ( ) while { condition };`
- C) `do { } while (condition);`
- D) `do while (condition)`

14) what is the output?

```
for (int i=1; i<=5; i++); printf("c");
```

- A) ccccc B) C C) no output D) Error

15) IF the condition is always true in loop, it is called?

- A) quick loop
- B) strong loop
- C) infinite
- D) last loop

16) which loop is more suitable for menu-programs?

- A) for
- B) while
- C) do-while
- D) switch

17) Can loops be nested in C?

- A) yes
- B) no
- C) only for loop
- D) only do-while



18) what is the output?

```
int i=1; while (i<=3) { printf ("%d", i); i++; }
```

A) 1 2 3 B) 1 1 1 C) 3 2 1 D) infinite.

19) What is the purpose of the continue Statement?

A) Ends the loop B) skips current iteration.

C) Starts new loop D) stops Program

20) In C language, loops are used for

A) Repetition B) Decision Making only

C) File handling D) None.