

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~~ For (i=0; i<10; i++) C) for(i=0; i<10)
B) for (i<10; 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~~ 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)

- 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)

- 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?

- 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) cc
```

- 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

18) what is the output?

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

- A) 123 B) 111 C) 321 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.