

10 Code MCQs

1. What is the output? int i=0; while(i<3){ printf("%d", i); i++; }

- A. 012
- B. 123
- C. 01
- D. Error

2. What is the output? for(int i=1;i<=3;i++) printf("%d", i*2);

- A. 246
- B. 123
- C. 248
- D. Error

3. What happens? int i=5; while(i>0){ i--; } printf("%d", i);

- A. 5
- B. 0
- C. -1
- D. Error

4. Output? for(int i=1;i<5;i+=2) printf("%d", i);

- A. 135
- B. 1234
- C. 24
- D. 14

5. Output? int i=1; do{ printf("%d", i); i++; }while(i<3);

- A. 12
- B. 123
- C. 23
- D. 1

6. Output? for(int i=1;i<=3;i++){ if(i==2) continue; printf("%d", i); }

- A. 13
- B. 123
- C. 12
- D. 23

7. Output? int i=0; while(i<3){ printf("A"); i++; continue; }

- A. AAA
- B. AA
- C. A
- D. Error

8. Output? for(int i=3;i>0;i--) printf("%d", i);

- A. 321
- B. 123
- C. 32
- D. 21

9. Output? int i=1; while(i<=5){ if(i==3) break; printf("%d", i); i++; }

- A. 12
- B. 12345
- C. 1
- D. 123

10. Output? for(int i=0;i<5;i+=2) printf("%d", i*i);
A. 049
B. 014
C. 0416
D. 0169

10 Theory MCQs

11. Which loop checks the condition first?

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

12. Which loop always executes at least once?

- A. for
- B. while
- C. do-while
- D. none

13. Which statement exits a loop?

- A. stop
- B. exit
- C. break
- D. continue

14. Which is an entry-controlled loop?

- A. do-while
- B. while
- C. repeat
- D. none

15. Which operator is used in loop conditions?

- A. logical
- B. assignment
- C. comma
- D. pointer

16. Which loop is fastest?

- A. while
- B. for
- C. do-while
- D. depends on compiler

17. What is an infinite loop?

- A. loop stopping
- B. loop that never ends
- C. loop with one iteration
- D. syntax error

18. Which statement skips to next iteration?

- A. break
- B. continue
- C. skip

D. pass

19. What is iteration?

- A. function call
- B. one loop cycle
- C. array index
- D. pointer move

20. What causes loop termination?

- A. condition false
- B. compiler
- C. RAM
- D. keyboard input