

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