

- 7) Which loop is guaranteed to execute at least once?
- A) for
 - B) while
 - C) do-while
 - D) foreach.
- 8) What is the output of
- ```
for (int i=1; i<=3; i++)
 printf("%d", i);
```
- A) 12
  - B) 123
  - C) 23
  - D) 012.

- 9) Which loop is best when the number of iterations is known?
- A) for
  - B) while
  - C) do-while
  - D) switch.

- 10) Which keyword is used to exit a loop immediately?
- A) Exit
  - B) Stop
  - C) break
  - D) quit.

- 11) What does continue do inside a loop?

- A) Stops the loop.
- B) Skips current iteration.
- C) Ends program.
- D) Repeats loop from start.

- 12) What is the output?

```
int i=1;
while (i<5)
 printf("Hi");
```

- A) Hi printed 5 times
- B) Hi printed Once
- C) Infinite loop
- D) No output.

- 13) Which of the following can break an infinite loop?

- A) for(; ;)
- B) while(1)
- C) Both A and B
- D) None.

- 14) What is the output?

```
for(int i=1; i<r; i+=2)
 printf("%d", i);
```

A) 1.2.3.4      B) 1.3      C) 1.3.5.7      D) 0.2.4

9) Which loop checks condition at the end?

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

10) What is the output?

```
int i=1;
```

```
do {
```

```
 printf("%d", i);
```

```
 i++;
```

```
} while (i<3);
```

A) 1    B) 1.2    C) 1.2.3    D) No output

11) How many times will this print?

```
for (int i=0; i<5; i++) {
```

```
 printf("Hello");
```

A) 0    B) 1    C) 5    D) Infinite.

12) Which variable is used as loop control?

A) any variable    B) loop variable    C) Both A & B    D) Constant

13) What is the output?

```
int i;
```

```
for (i=-10; i>10; i--)
```

```
 printf("%d");
```

A) Once    B) & printed infinite terms    C) No output    D) Error.

14) Which loop is best for menu driven programs?

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

95.) Output?

```
for (int i=1; i<=3; i++) {
 for (int j=1; j<=2; j++) {
 printf("*");
 }
}
```

- A) \* \* \* B) \*\*\* C) \*\*\*\* D) \*\*\*

16.) Which loop executes zero or more times?

- A) while B) for C) do-while D) Both A and B.

17.) Output?

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

- A) 12 B) 123 C) 1234 D) No output

18.) What is the loop body?

- A) statements inside loop. B) condition C) initialization.  
D) increment.

19.) Which loop supports all three parts: init, condition,

increment in one line?

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

20.) Output?

```
for (int i=1; i<=5; i++) {
 if (i==3)
 continue;
 printf("%d", i);
}
```

- A) 12345 B) 1245 C) 1235 D) 2345.