MCQ's on loop concept

which loop is used when the number of iterations is already known?

A) while   B) do-while   c) For   D.) infinite

      Answer: C

2. which loop checks the condition after executing the loop body?

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

      Answer : C

3. How many times, will this loop run?

```
For (int i=0; i<5; i++)
```
A) 4   B) 5   c) 6   D) infinite.

      Answer: B

4. which loop is best suited when the condition is checked before execution?

A) do-while   B) while   c) goto   D) switch.

      Answer! B.

5. which of the following creates an infinite loop?

A) while (0)   B) For(; ;)   c) while(k<10)

D) For(i=0; i<10; i++)

      Answer: B.

6. what is the output of this code?

```
int i;
For (i=1; i< = 3; i++);
    Prinff ("%od", i);
```
A) 3   B) 4   c) 1   D) Error.

      Answer: B.

7. which keyword is used to exit from a loop?

   A) stop   B) exit   c) break.   D) return.

Answer :C

8. what is the output?

```
int i=0;
while(i<3){
    Printf ("%d", i);
    i++;
}
```

A) 012   B) 123   c) 0123   D) infinite lo

Answer : A.

9. which loop is suitable when the condition is not knc in advance?

   A) For   B) while   c) do-while   D) goto.

Answer : B.

10. How many times will the loop execute?

```
int i=10;
while(i>10){
    i--;
}
```

A) 10   B) 1   c) 0   D) infinite.

11. what will be the output?

```
For (int i=1; i<3; i++)
{
    if (i==2) continue;
    Printf ("%d", i);
}
```

A.) 123   B.) 23   c.) 13   D.) 3 only.

Answer : C

12. what is the output?

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

A) 12   B.) 1 2 3   c.) 0 1 2   D.) 3 2 1

Answer : B.

13. How many times will this loop execute?

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

A.) 4   B.) 5   c) Infinite   D.) 0

Answer : B

14. what is the output?

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

A) 123   B.) 0 1 2   c.) 1 2   D.) infinite loop

Answer : A.

15. what is the output?

```
For (int i=0; i<5; i+=2)
    printf ("%d", i);
```

A) 0 1 2 3 4   B) 1 3 5   c) 0 2 4   D.) 2 4 6

Answer : C

16. what happens in this code?

```
while () {
    Printf ("Hello");
}
```

A) Hello   B.) Hi   C.) Hi Hello   D.) HelloHi

Answer: A.

17. what will be the output?

```
int i;
for (i = 0; i < 5; i++)
    Printf ("%d", i);
```

A.) 4   B.) 5   C.) 0   D.) Error.

Answer: B.

18. How many times will the loop execute?

```
int i = 1;
while (i <= 10) {
    i = i + 2;
}
```

A) 10   B) 5   C) 6   D) Infinite.

Answer! B

19. what is the output?

```
int i = 0;
do {
    Printf ("%d", i);
    i++;
```

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

A) 0 1 2   B) 1 2 3   c) 0 1 2 3   D) Error.

Answer: A.

20. Identify the mistake!

```
for (int i=0; i>5; i++) {
    Printf ("%d", i);
}
```

A) wrong increment.

B.) wrong condition.

c) Missing semicolom

D) infinite loop.

Answer: B.