

5) What does continue do inside a loop?

- A. stops the loop
- B. skips current iteration
- C. Ends Program
- D. Repeats loop from start.

6) What is the output?

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

- A. Hi Printed 5 times
- B. Hi Printed once
- C. Infinite loop
- D. No output

7) Which of the following can create an infinite loop?

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

8) What is the output?

```
for (int i = 1; i <= 5; i += 2)
    printf("%d", i);
```

- A. 1 2 3 4
- B. 1 3
- C. 1 3 5
- 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("X");
```

- A. X once
- B. X printed infinite times
- ☒ C. No output
- D. Error

14) Which loop is best for menu driven programs?

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

15) 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. 1 2
- B. 1 2 3
- C. 1 2 3 4
- 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. for
- D. do-while

20) output?

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

- A. 1 2 3 4 5
- B. 1 2 4 5
- C. 1 2 3 5
- D. 2 3 4 5