**MCQ ON JAVA LOOPS**

1. What is a loop statement?
2. A statement, which is executed repeatedly
3. A statement, which is executed once
4. A statement, which is never executed
5. None of the above
6. A \_\_\_\_\_\_\_\_\_\_ statement allows us to execute a statement or group of statements multiple times.
7. array
8. loop
9. function
10. exception
11. How many types of looping statement does Java provide?
12. 1
13. 2
14. 3
15. 4
16. What is empty loop in Java?
17. It has empty initialization clause
18. It has empty conditional clause
19. It has empty increment clause
20. All the above
21. What is nested loop?
22. A Loop with empty initialization
23. A Loop within a Loop
24. A Loop without condition
25. All the above
26. A \_\_\_\_\_\_\_\_\_\_ loop statement in Java programming language repeatedly executes a target statement as long as a given condition is true.
27. for
28. do-while
29. while
30. None of the above
31. Choose a valid loop name in Java below.
32. for
33. while
34. do-while
35. All the above
36. Which type of loop is best known for its boolean condition that controls entry to the loop?
37. do-while loop
38. for (traditional)
39. for-each
40. while
41. Which type of loop is best known for using an index or counter?
42. do-while loop
43. for (traditional)
44. for-each
45. while
46. Which type of loop is guaranteed to have the body execute at least once?
47. do-while loop
48. for (traditional)
49. for-each
50. while
51. Which of the following can loop through an array without referring to the elements by index?
52. do-while loop
53. for (traditional)
54. for-each
55. while
56. Which statement causes the loop to jump out of the iteration of the loop?
57. exit
58. break
59. jump
60. continue
61. What keyword is used to end the current loop iteration and proceed execution with the next iteration of that loop?
62. break
63. continue
64. end
65. skip
66. What is the output of the following code snippet?

int i = 0;

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

}

System.out.println(i);

1. 5
2. 0
3. 4
4. Compilation error
5. What is the output of the following program?

public class Test{

public static void main(String []args){

int i = 0;

for(i = 0; i < 10; i++){

break;

}

System.out.println(i);

}

}

1. 1
2. 0
3. 10
4. 9
5. What is the output of the following program?

public class Test{

public static void main(String []args){

int i = 0;

for(i = 0; i < 10; i++){

continue;

}

System.out.println(i);

}

}

1. 10
2. 0
3. Compilation error
4. 9
5. What is the output of the following program?

public class Test{

public static void main(String []args){

for(int i = 0; i < 10; i++){

if(i % 2 == 0){

continue;

}

System.out.println(i);

}

}

}

1. Program will print all even numbers between 0 to 10
2. Program will print all odd numbers between 0 to 10
3. Program gives a compilation error
4. None of the above
5. The for-each loop is an enhanced for loop that work with only Collection type data. Examples of Collection are \_\_\_.
6. Array Class type or any regular array variable
7. ArrayList
8. HashMap, HashSet
9. All of the above
10. All options in the **for** statement are optional. A for loop may be created without using any of the options. What is the output of the following code:

for( ; ; ) {

System.out.println(“Hello World!”);

}

1. The loop will terminate after executing Hello World once
2. The loop will not be executed and there will be no output
3. The loop will continue and never be terminated
4. Compilation error
5. Which of the following for loops will be an infinite loop?
6. for( ; ; )
7. for(i=0; i<1; i--)
8. for(i=0; ; i++)
9. All of the above
10. What is the result of the following code?

public class Test {

static public void main(String[] args) {

int i, j;

for(i=0; i<3; i++) {

for(j=1; j<4; j++) {

i % j;

System.out.print(j);

}

}

}

}

1. 1231
2. 1232
3. Repeatedly print 1 2 3 and cause the loop run 3 times
4. Compilation fails because of the 2