

Worksheet

1

Name:

Roll No: Class: Section:

Date:

ITERATIVE CONSTRUCTS IN JAVA

Chapter-8

1. Tick (✓) the correct option.

- (a) The statements that are used to execute a set of statements repeatedly are called
- | | | | |
|---------------------------|--------------------------|-------------------------|--------------------------|
| (i) Conditional statement | <input type="checkbox"/> | (ii) Looping statements | <input type="checkbox"/> |
| (iii) Both (i) and (ii) | <input type="checkbox"/> | (iv) None of these | <input type="checkbox"/> |
- (b) How many jump statements are in java?
- | | | | |
|------------|--------------------------|------------|--------------------------|
| (i) Two | <input type="checkbox"/> | (ii) Three | <input type="checkbox"/> |
| (iii) Four | <input type="checkbox"/> | (iv) None | <input type="checkbox"/> |
- (c) The for loop executes a set of statements repeatedly for a number of times.
- | | | | |
|---------------|--------------------------|------------|--------------------------|
| (i) uncertain | <input type="checkbox"/> | (ii) fixed | <input type="checkbox"/> |
| (iii) unfixed | <input type="checkbox"/> | (iv) same | <input type="checkbox"/> |
- (d) In which of the following the continue statement is used.
- | | | | |
|----------------|--------------------------|-------------------|--------------------------|
| (i) for | <input type="checkbox"/> | (ii) while | <input type="checkbox"/> |
| (iii) do-while | <input type="checkbox"/> | (iv) All of these | <input type="checkbox"/> |
- (e) The loop which is used to execute a set of statements repeatedly, if the number of iterations is not known
- | | | | |
|---------------------|--------------------------|---------------|--------------------------|
| (i) while loop | <input type="checkbox"/> | (ii) for loop | <input type="checkbox"/> |
| (iii) do-while loop | <input type="checkbox"/> | (iv) none | <input type="checkbox"/> |
- (f) Which of the following is a form of a loop that never ends?
- | | | | |
|---------------------|--------------------------|------------------|--------------------------|
| (i) null loop | <input type="checkbox"/> | (ii) finite loop | <input type="checkbox"/> |
| (iii) infinite loop | <input type="checkbox"/> | (iv) while loop | <input type="checkbox"/> |
- (g) Which of the following transfers the program control to another part of the program that depends on the given conditions.
- | | | | |
|------------------------------|--------------------------|-----------------------|--------------------------|
| (i) jump statements | <input type="checkbox"/> | (ii) break statements | <input type="checkbox"/> |
| (iii) conditional statements | <input type="checkbox"/> | (iv) none of these | <input type="checkbox"/> |

2. Define the following.

- (a) Infinite loop
(b) Exit controlled loop
(c) null loop
(d) Continue statement