

ITERATIVE CONSTRUCTS IN JAVA

A. Tick (✓) the correct option.

1. Which of these is NOT a loop category?

a. Entry control loop

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b. Exit control loop

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c. Jump loop

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d. Infinite loop

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2. If the loop condition is always true, the loop is called a:

a. Controlled loop

☐

b. Finite loop

☐

c. Infinite loop

☐

d. Exit loop

☐

B. Fill in the Blanks

- The loop is useful when the number of iterations is not known in advance.
- A loop terminates when its condition becomes
- In Java, the statement is used to return control to the calling method.
- The loop checks the condition before executing the loop body.

C. Match the Following

Column A

- Initialization
- Condition checking
- Increment/Decrement
- Body of the loop

Column B

- Executes the statements inside the loop
- Loop stops when false
- Helps to update loop variable
- First step of loop execution

D. Short Questions

- Define a jump statement in Java.
- How does the 'break' statement work in loops?
- What is the difference between a continuous loop and a step loop?
- Convert a while loop into a for loop with an example.