ORANGE

WORKSHEET

COMPUTER
APPLICATIONS

Ver. 2.0

Chapter-9

CLASS 9

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

ITERATIVE CONSTRUCTS IN JAVA

A. Tick (✓) the correct option.

1. Which of the following is an entry control loop?

   a. do-while loop ☐   b. for loop ☐

   c. infinite loop ☐   d. null loop ☐

2. The part of a loop that initializes the loop variable is called:

   a. Condition ☐   b. Increment/Decrement ☐

   c. Initialization ☐   d. Body of the loop ☐

B. Fill in the Blanks

1. A loop that never terminates is called an .... loop.
2. The .... statement is used to terminate a loop prematurely.
3. The while loop checks the condition .... executing the loop body.
4. A for loop generally consists of three parts: Initialization, ..., and Increment/Decrement.

C. Match the Following

Column A	Column B
1. for loop	i. Runs at least once
2. while loop	ii. Exit control loop
3. do-while loop	iii. Entry control loop
4. Infinite loop	iv. Never terminates

D. Short Questions

1. What is a loop in programming?
2. Differentiate between entry control and exit control loops.
3. Write the syntax of a for loop in Java.
4. What is an infinite loop? Give an example.

Grade: ☆ ☆ ☆ ☆ ☆   Teacher's Signature: _____