

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

NESTED LOOP

Chapter-10

CLASS 9

A. Tick (✓) the correct option.

1. Which loop is executed at least once?

a. for loop

☐

b. while loop

☐

c. do-while loop

☐

d. infinite loop

☐

2. Which nested loop runs until a condition becomes false?

a. for loop

☐

b. while loop

☐

c. do-while loop

☐

d. All of the above

☐

B. Fill in the Blanks

1. A loop inside another loop is called a loop.

2. The statement is used to terminate a loop immediately.

3. In a nested loop, the loop executes completely before the outer loop iterates.

4. The statement is used to skip the rest of the loop body and continue with the next iteration.

C. Match the Following

Column A

1. break statement

2. continue statement

3. Nested for loop

4. do-while loop

Column B

i. Executes at least once

ii. Skips the remaining code in the iteration

iii. Terminates the loop

iv. Loop inside another loop

D. Short Questions

1. What is a nested loop? Explain with an example.

2. Differentiate between break and continue statements.

3. How does a nested for loop work?

Grade:



Teacher's Signature: _____