ORANGE

WORHSEET ②

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

COMPUTER APPLICATIONS

Ver. 2.0 ▶

CLASS 9

INPUT IN JAVA

Chapter-6

A. Tick (✓) the correct option.

1. Which of the following is NOT a type of error in Java?

   a. Syntax error ▢   b. Logical error ▢

   c. Runtime error ▢   d. Hardware error ▢

2. What will happen if a program attempts to divide a number by zero?

   a. Syntax error ▢   b. Logical error ▢

   c. Runtime error ▢   d. Compilation error ▢

B. Fill in the Blanks

1. A .... error occurs when the rules of the Java language are violated.
2. A runtime error is also known as an ....
3. The .... block is used to catch and handle exceptions in Java.
4. The ArithmeticException occurs when we attempt to divide by ....

C. Match the Following

Column A	Column B
1. Syntax Error	i. Missing semicolon Wrong formula usage
2. Logical Error	ii. Division by zero
3. Runtime Error	iii. Exception handling
4. try-catch	iv. Missing semicolon

D. Short Questions

1. What is the difference between syntax error and logical error?
2. Explain the use of the try and catch blocks in Java.
3. Write a short Java program to demonstrate exception handling using try and catch.
4. What happens if an exception is not handled in Java?

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