**DON BOSCO COLLEGE, PANJIM**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**SYBCA PRACTICAL ISA**

**DATE:16/2/24**  **SUBJECT: CASE TOOLS LAB**  **MARKS:10**

**BATCH 1 -SET 1**

1. Create and run Junit tests in Eclipse for the following and write the test cases:

a.Java program to find factorial of a number. 5 mks

b.Write a program for fibonacci series of 6 using junit. 5 mks

**BATCH1 - SET 2**

1.Use Junit test frameworks to write your unit tests:

a.Test a method of swapping of two numbers in an array using Junit. 5 mks

b.Perform two simple operations that can be performed on a calculator using junit. 5mks

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**BATCH 3- SET 1**

1.Use Junit test frameworks to write your unit tests:

a.Perform sorting of an array using junit. 5 mks

b.Perform mutilication and division that can be performed on a calculator using junit. 5 **BATCH 3- SET 2**

1.Create and run Junit tests in Eclipse for the following and write the test cases:

a. Perform reversal of a n digit 987654 number using junit. 5 mks

b.Java program to print fibonacci series of a number 7 using junit. 5 mks