

Reg. No.:

Name :



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TERM END EXAMINATIONS (TEE) – December 2023 – January 2024

Programme	: B.Tech.	Semester	: Interim 2023-24
Course Title/ Course Code	: Programming in Java / CSE2006	Slot	: C11+C12
Time	: 1½ hours	Max. Marks	: 50

Answer ALL the Questions

Q.No.	Question Description	Marks
PART - A (30 Marks)		

- 1 (a) Write a following Java program using Flow control statements to get the value at run time. 10
- i. Fibonacci series of a given count.
 - ii. Find the square root of a given number.

OR

- (b) Write a java program for area calculation (circle, square, rectangle, cone and triangle) using classes and methods with switch statements. 10
- 2 (a) Write a following Java program using Interfaces to get the value at run time. 10
- i. Implement the Library management system.
 - ii. Calculate simple interest of a any value.

OR

- (b) Write a java program to define a class student with data members like name, rollno, age, gender, sub1, and sub2. Defines appropriate methods to initialize and displays the values of data members also calculates total marks, percentage and grade by the 'n' number of students. Write the sample output with all the operations. 10
- Note: get the values at run time with corresponding objects.

- 3 (a) Classify the Life Cycle methods with an example. Write the types thread creation with suitable example and sample output. 10

OR

- (b) Implement the common scenarios of Java Exceptions with suitable example. 10

PART - B (20 Marks)

- 4 Analyze the String operations using string class methods (10 methods) with suitable example and output. 10
- 5 Implement the steps involved to connect Ms-Access database using JDBC driver for student details like SName, SRoll_no, M1,M2 and M3 information to display and sample output. 10

