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

Programme	:	B.Tech.	Semester	:	Interim2023-24
Course Title/ Course Code	:	Programming in Java CSE2006	Slot	:	B11+B12
Time	:	1½ hours	Max. Marks	:	50

Answer ALL the Questions

Q.No.	Question Description	Marks

PART - A (30 Marks)

1 (a) Write a Java program using Flow control statements to get the value at run time. Find the student grade calculation with Grade A, B, C and Fail. **10**

OR

  (b) Write a java program for Library details using Interface for the data members like book_name, book_title, acctype, date and bal. Next to calculate the return date and fine amount if any, finally to display all the details. **10**

2 (a) Demonstrate with diagram for Thread Life Cycle model and its Life Cycle methods with suitable example. **10**

OR

  (b) Summarize the Java String class methods (5 methods) with suitable example and output. **10**

3 (a) Implement the matrix addition and multiplication using asssssrray with sample output. **10**

OR

  (b) Classify the Four types of JDBC drivers with neat diagram, advantages and disadvantages of each driver. **10**

PART - B (20 Marks)

4 Write java program for stack operations that defines an integer stack that can hold 10 values using class and methods. **10**

5 Summarize the need for Object-Relation Mapping (ORM) in details. **10**

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