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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	:	E11+E12
Time	:	1½ hours	Max. Marks	:	50

Answer ALL the Questions

Q.No.	Question Description	Marks

PART - A (30 Marks)

1 (a) Differentiate C, C++ and Java with example. Classify the Java Data Types with suitable example. **10**

OR

(b) Write a java program for bank details using multilevel inheritance for the variables such as to get acc_no, name, age, gender, acc_type, total and display the balance, withdraw, deposit and annual interest. **10**

2 (a) Write a java program for employee details using class and Encapsulation to get empid, name, salary, PF and HRA. Find total salary for 'n' employees.
Note: get the values at run time with corresponding objects. Write the sample output with all the operations. **10**

OR

(b) Classify how many ways to create a thread. Write all the types with suitable example with output. **10**

3 (a) Implement the list creation using ArrayList Class, Vector and stack with example and output. **10**

OR

(b) Implement the steps involved to connect SQL database using JDBC driver with example and output. **10**

PART - B (20 Marks)

4 Implement Arithmetic operations (Add, Sub, Mul, Div and mod) using Muti-level inheritance. **10**

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

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