MID TERM EXAMINATIONS – April,2024

Programme	: B.Tech.	Semester	: Winter 2023-24
Course Title/ Course Code	: Programming in Java / CSE2006	Slot	: B21+B22
Time	: 1 ½ hours	Max. Marks	: 50

Answer all the Questions

Q.No.	Sub. Sec.	Question Description	Marks
1		Describe the following: I. Java byte code II. Java Virtual Machine (JVM) III. JRE and JDK	10
2		Distinguish between following terms: I. Object and Class II. Data abstraction and Encapsulation III. Inheritance and Polymorphism IV. Dynamic binding and Message passing	10
3		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?	10
4		Write a program in java to calculate the area like square, rectangle, triangle and circle using method overriding.?	10
5		Explain following term in java with example code: I. Try II. Catch III. Throw IV. Finally	10

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