

GYANMANJARI INNOVATIVE UNIVERSITY

GYANMANJARI INSTITUTE OF TECHNOLOGY

B.Tech.-Mid Semester Examination (MSE)-W2025

Enrollment No.: _____

Subject Code: BETCE11301

Date: 06-10-2025

Subject Name: Object Oriented Programming - I

Semester: 1

Time: 02:30 PM to 04:30 PM

Total Marks: 60

Instructions:

1. Question No. '1' is compulsory.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		Marks
Q.1	(a) Explain features of Java.	05
	(b) Explain Loops with an example.	05
	(c) Explain all operators in Java with an example.	10
Q.2	(a) Explain JDK, JRE and JVM.	05
	(b) Write difference between method overloading and method overriding with example.	05
	OR	
	(b) Write a program in java which has class Student having two instance variable "name" and "subject". Create three object of Student class in main method and display Student's name and subject.	05
	(c) Explain Java's Object-oriented features with example.	10
	OR	
	(c) State the importance of "this" "final" and "static" keyword in Java with an example.	10
Q.3	(a) Explain Decision making statements available in java.	05
	(b) Explain how abstract class differs from final class.	05
	(c) List different types of inheritance and explain with example.	10
	OR	
Q.3	(a) Define tokens, Identifiers, Literals & keyword in Java.	05
	(b) Explain how to implement multiple inheritances in java through interface?	05
	(c) Explain Abstract class. Explain how abstract class differs from final class.	10