# GYANMANJARI INNOVATIVE UNIVERSITY

## GYANMANJARI INSTITUTE OF TECHNOLOGY

### B.Tech.-Mid Semester Examination (MSE)-2026

Enrollment No.:_____

Subject Code: BETCE12302

Subject Name: Object Oriented Programing- II

Time:10:30 PM to 12:30 PM

Date: 23/03/2026

Semester: 02

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) | Write a short note on java.net package. Explain Socket, ServerSocket with example. | 05 |
|     | (b) | What is API? Explain JDBC API components in brief | 05 |
|     | (c) | a. Write a client server program where client sends 'Hii' Message to server and server responds the message. | 10 |
|     |     |     |       |
| Q.2 | (a) | Explain Servlet Life cycle with example. | 05 |
|     | (b) | Explain Prepared Statement in Java with example | 05 |
|     |     | **OR** |       |
|     | (b) | Explain Callable statement in JAVA with Example | 05 |
|     | (c) | List all JDBC Drivers and explain in detail. | 10 |
|     |     | **OR** |       |
|     | (c) | Develop JDBC application that uses any JDBC drivers to insert, update a record. (Assume suitable Database). | 10 |
|     |     |     |       |
| Q.3 | (a) | Difference between doGet() and doPost(). | 05 |
|     | (b) | Explain JSP Life Cycle in detail. | 05 |
|     | (c) | Design a form to input details of an employee and submit the data to a servlet. Write code for servlet that will save the entered details as a new record in database table Employee with fields (EmpId, EName, Email, Age). | 10 |
|     |     | **OR** |       |

Q.3 (a) Write a note on JDBC architecture. 05

(b) Explain Inet Address with suitable example. 05

(c) Write a java code to create a one text file and insert 1 to 100 number in it. 10

************************ALL THE BEST ***************************