

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
M.SC INTEGRATED - SEMESTER - IX EXAMINATION - WINTER 2025

Subject Code: 1390302

Date: 15-11-2025

Subject Name: Project Management Practices and Evaluation

Time: 10:30 AM TO 01:00 PM

Total Marks: 70

Instructions

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Use of simple and non-programmable scientific calculators are permitted.**

	Marks
Q.1 (a) Define a project and its key characteristics.	03
(b) Illustrate how uncertainty affects project selection.	04
(c) Explain the complete life cycle of a project with suitable examples.	07
Q.2 (a) What is project formulation?	03
(b) Compare project portfolio process with project formulation.	04
(c) Evaluate the characteristics of an effective project manager.	07
OR	
(c) Discuss the significance of professional ethics in project management.	07
Q.3 (a) Define project management as a profession.	03
(b) Discuss the responsibilities of a project manager toward the project team.	04
(c) Evaluate the importance of project selection in achieving strategic objectives.	07
OR	
(a) Describe the project team concept.	03
(b) Illustrate the “Nuts and Bolts” of the planning process.	04
(c) Design a sample project plan for a small IT project.	07
Q.4 (a) Define Work Breakdown Structure (WBS)	03
(b) Analyze how multidisciplinary teams contribute to effective planning.	04
(c) Evaluate the role of WBS in controlling project activities.	07
OR	
(a) Explain the purpose of project planning.	03
(b) Explain the importance of balancing pleasure and pain in planning.	04
(c) Discuss the detailed stages of project planning.	07
Q.5 (a) Define project budgeting.	03

- (b)** Explain methods to improve cost estimation accuracy. **04**
- (c)** Evaluate different budgeting techniques with examples. **07**

OR

- (a)** What is a Gantt chart? **03**
- (b)** Explain how Gantt charts help monitor progress. **04**
- (c)** Evaluate various techniques of resource allocation in projects. **07**
