

GUJARAT TECHNOLOGICAL UNIVERSITY
MBA-SEMESTER-III-EXAMINATION-SUMMER-2025

Subject Code: 4539285**Date: 10/06/2025****Subject Name: Project Management****Time: 02:30 PM TO 05:30 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1** Explain the terms: **14**
1. Responsibility Matrices
 2. Project roll up
 3. Micro Estimating
 4. Project Monitoring
 5. Project Constraints
 6. Duration graph
 7. Profitability Analysis
- Q.2(a)** Give significance of Project Management and 4D's of project management. **7**
- Q.2(b)** How coding is done in WBS for information system? **7**
- OR**
- Q.2(b)** Differentiate between PERT and CPM. **7**
- Q.3(a)** Write a note on criteria's for Project Identification? **7**
- Q.3(b)** Explain the legal aspects of project management. **7**
- OR**
- Q.3(a)** What is Conflict? What are the sources of Conflict and How it can be handled? Explain **7**
- Q.3(b)** Explain Risk Management process. **7**
- Q.4(a)** What is project acceleration? Explain project cost duration graph concept with an example. **7**
- Q.4(b)** Explain the project control process. Enumerate various issues in project control. **7**
- OR**
- Q.4(a)** Differentiate between Profitability analysis of project Vs Social cost benefit analysis of project with suitable examples. **7**
- Q.4(b)** Describe the role of team manager in Project Audit.
- Q.5** Phase 1: Initiation A real estate development firm, BuildWell Inc., has decided to construct a new office building in downtown New York City to accommodate the growing demand for commercial space. The project aims to provide state-of-the-art facilities for businesses while adhering to sustainability standards. The project manager, along with key stakeholders, defines the project scope, objectives, and budget. Initial site surveys and feasibility studies are conducted to assess the viability of the project,

considering factors such as zoning regulations, environmental impact, and market demand. Once the project charter is approved, the team moves forward to the planning phase.

Phase 2: Planning During this phase, BuildWell Inc. collaborates with architects, engineers, and construction contractors to develop a comprehensive project plan. Detailed blueprints and designs are created, incorporating input from stakeholders and regulatory authorities. The project team establishes a timeline, resource allocation, and cost estimates, considering factors such as materials, labor, and permits. Risk management strategies are also developed to address potential challenges such as delays, cost overruns, and regulatory compliance issues. With the project plan finalized, BuildWell Inc. is ready to proceed to the execution phase.

(a)	What are the main components of the project plan for constructing the new office building?	7
(b)	How risk management strategies are developed, and why are they essential for the project?	7
OR		
(a)	How are blueprints and designs developed, and who provides input into these documents?	7
(b)	Discuss the importance of regulatory compliance in the planning phase of the project.	7