



**MBA DEGREE EXAMINATIONS: NOV / DEC 2024**

(Regulation 2024)

First Semester

**MBA - PROJECT MANAGEMENT**

24PMT509: Project Resource Management

**COURSE OUTCOMES**

**CO1:** Identify and assess project resource requirements.

**CO2:** Develop effective resource plans.

**CO3:** Acquire and develop project team members.

**Time: Three Hours**

**Maximum Marks: 100**

**PART A (5Q x 4 Marks = 20 Marks) Answer All Questions**

1. Define the role of resource breakdown structure (RBS) in project management. CO1 [K<sub>1</sub>]
2. List the challenges associated with resource leveling in a project. CO2 [K<sub>1</sub>]
3. Explain the importance of resource estimation in achieving project success. CO2 [K<sub>2</sub>]
4. Identify key benefits of team-building activities in resource development. CO3 [K<sub>3</sub>]
5. Compare resource smoothing and resource leveling with examples. CO2 [K<sub>2</sub>]

**PART B (5Q x 8 Marks = 40 Marks) Answer All Questions**

6. Illustrate the importance of Resource Management in Project Success. CO1 [K<sub>2</sub>]
7. What are the key steps and challenges involved in getting the resources you need for a project? Explain the strategies for effective resource acquisition. CO2 [K<sub>2</sub>]
8. Analyze the impact of overallocation and under allocation on project timelines and quality. CO2 [K<sub>4</sub>]
9. What methods can you use to evaluate the effectiveness of mentoring programs in enhancing team performance? CO3 [K<sub>1</sub>]
10. Explain the process of resource monitoring and its role in managing resource changes and conflicts in projects. CO2 [K<sub>5</sub>]

**Part – C (2Qx20 Marks = 40 marks) Compulsory**

11. How would you create a comprehensive resource calendar for a given project, considering constraints and availability? CO2 [K<sub>6</sub>]

12. KCT Constructions is managing a residential building project scheduled to complete in 12 months. The project involves multiple tasks such as excavation, foundation laying, structural work, electrical work, and interior design. The project manager, Mr. Kaleel, identified that some tasks are delayed due to resource constraints.

The key issues are:

1. Limited availability of skilled labor for electrical work.
2. Overallocation of equipment (e.g., cranes) across multiple tasks.
3. Conflict between the interior design and structural teams over workspace allocation.

Mr. Kaleel must resolve these issues to bring the project back on track without compromising quality or budget.

**Questions:**

1. What techniques can Mr. Kaleel use to address the resource constraints in the project? CO1 [K<sub>1</sub>]
2. How can resource leveling and smoothing help resolve the issue of overallocation? CO2 [K<sub>1</sub>]
3. Suggest strategies to resolve the conflict between the interior design and structural teams. CO3 [K<sub>6</sub>]

\*\*\*\*\*