



**MBA DEGREE EXAMINATIONS: NOV/DEC 2023**

(Regulation 2022)

Third Semester

**MBA - PROJECT MANAGEMENT**

P22MPB3221: Practical Application of Project Management Software

**COURSE OUTCOMES**

- CO1:** Display ability to select need based project management software.
- CO2:** Display hands on application of project management software for project plan and project control phase.
- CO3:** Display ability to recognize and judge technological advancement based on industry needs.

**Time: Three Hours**

**Maximum Marks: 100**

**PART A (1 x 20 = 20 Marks) - Compulsory**

- 1                      You have been appointed as a Project Manager at M/s Jupiter Pvt. Ltd., You have been tasked to Develop a comprehensive Satellite Office (Working Remotely) Project management plan for your portfolio. You are required to include good mix of employee management plan and optimized collaboration solutions, thoughtfully balanced with business priorities and goals and team preferences. You are required to incorporate below list items into your project management Implementation plan: CO3    [K<sub>6</sub>]
- a) Pricing and sourcing collaboration software, employee monitoring software and resource management software
  - b) Design and Develop process work flow and process definition
  - c) Estimating cost projections for setting up home offices

- d) Drafting cost management plan savings from reduced or absent office space expenses
- e) Leadership & Stake holder management plan
- f) Create task plan in Jira template, as per team requirements, solutions designed thru process flow.
- g) Creating communications and change management plans for employees.
- h) Setting dates and milestones in the WBS format and define milestones.
- i) Monitoring task completion list using Jira templates.
- j) Risk management plan
- k) Design and Develop Project monitoring Dash boards using world class Data Visualition tools such as (Tableu, Power BI, Trending Graphs etc.,)

**PART B (5Q x 4M = 20 Marks)**

2	Define Risk management	CO1	[K <sub>1</sub> ]
3	Explain Block Chain and Big Data Management	CO1	[K <sub>2</sub> ]
4	Explain Cash flows and financial analysis	CO1	[K <sub>2</sub> ]
5	List various data visualization charts Supporting software's such as MS Excel	CO1	[K <sub>2</sub> ]
6	Explain ERP	CO1	[K <sub>2</sub> ]

**PART C (3Q x 20M= 60 Marks) Answer Any Three Questions Only**

7	Elaborate How AI will transform Project Management	CO3	[K <sub>6</sub> ]
8	<p>You are a project manager for a Jai Hind Constructions Pvt Ltd.</p> <p>A proposed project to build Stilt Parking + 4 floors the total budget is Rs. Five Crores . The total time for the project is 24 months. The availability of labors was - skilled labors 100 available for 12 months and 200 unskilled labors for 12 months. Skilled labor salary were Rs.1500/- per day and unskilled labors salary is Rs.750/- per day... Material cost is 40% of the labor cost. Indirect expenses is 30% of the Labor cost. Customer payment schedule is 20% equal installments</p> <p>Develop a project plan covering</p>	CO3	[K <sub>3</sub> ]

- 1) Cost Estimation Sheet,
- 2) Project plan Gantt chart, WBS, budget and release plan.
- 3) Create project monitoring dash board
- 4) Risk management plan
- 5) Cash flow financial statement

9	<p>M/s Jai Hind Products specialized in the FMCG market having Rs.50 Crore sales at the beginning of last financial year 2023-24 and growing @ 5% per quarter since last 4 Quarters. Estimated to grow next financial year at 10% per quarter in next financial year 2024-25. Products ranges are Cosmetics 30%, Dairy 25% and Snacks 30%. They have 3 branches (B1, B2 and B3) with turnover is (15%, 25% and 30%).</p> <ol style="list-style-type: none"> <li>1) Create a Project dash board using various data visualization charts and different patterns.</li> <li>2) Explain the details of each charts.</li> </ol>	CO3	[K <sub>4</sub> ]
10	Examine various steps involved in Cash Flow Statement Analysis	CO3	[K <sub>4</sub> ]

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