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# B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

## July 2023 Semester End Main Examinations

**Programme: B.E.**

**Branch: Industrial Engineering and Management**

**Course Code: 21IM8DCPRM**

**Course: Project Management**

**Semester: VIII**

**Duration: 3 hrs.**

**Max Marks: 100**

**Date: 04.07.2023**

**Instructions:** 1. Answer any FIVE full questions, choosing one full question from each unit.  
2. Missing data, if any, may be suitably assumed.

			<b>UNIT - I</b>		
			<b>CO</b>	<b>PO</b>	<b>Marks</b>
<b>Important Note:</b> Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.	1	a)	Illustrate and explain the broad categories of Project. Also provide a brief note on the categorization of projects depending on the speed needed for the execution of the same.	CO1	-
		b)	Enumerate the five stages that a typical project has to pass through.	CO1	-
			<b>UNIT - II</b>		
	2	a)	Provide an overview of the contents of a project feasibility report.	CO1	-
		b)	Summarize the features of five types of estimates that are made during the life-cycle of a project.	CO1	-
			<b>UNIT - III</b>		
	3	a)	Illustrate and explain the sequence of events leading to a business contract.	CO2	PO1
		b)	With the help of an illustration, explain Project management as a specialized staff function.	CO2	PO1
			<b>UNIT - IV</b>		
	4	a)	Explain how project monitoring techniques are used by project managers in industries. Also draw a Gantt chart for the Project Work carried out as part of your curriculum.	CO3	PO2
		b)	Explain different types of project scheduling and coordinating techniques used by project managers\.	CO3	PO2

		<b>OR</b>			
5	a)	Analyze the importance of Project Cost analysis to assess the feasibility of the project.	<i>CO3</i>	<i>PO2</i>	<b>10</b>
	b)	“PERT and CPM are complementary and both are important analytical techniques in project management when managing tasks”. Elaborate.	<i>CO3</i>	<i>PO2</i>	<b>10</b>
		<b>UNIT - V</b>			
6	a)	Summarize the features of the most commonly used indicators of project performance.	<i>CO4</i>	<i>PO3</i>	<b>10</b>
	b)	Mention the goal of Project Audit. Elaborate the key phases involved in the audit process.	<i>CO4</i>	<i>PO3</i>	<b>10</b>
		<b>OR</b>			
7	a)	Explain the conditions for project closure and the influencing factors that aid closure decisions.	<i>CO3</i>	<i>PO3</i>	<b>10</b>
	b)	How do you evaluate the performance of a project team and the team members?	<i>CO3</i>	<i>PO3</i>	<b>10</b>

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B.M.S.C.E. - EVEN SEM 2022-23