

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

Autonomous Institute Affiliated to VTU

**October 2024 Supplementary Examinations****Programme: B.E.****Branch: Biotechnology****Course Code: 22BT6HSPME****Course: PROJECT MANAGEMENT & ENTREPRENEURSHIP****Semester: VI****Duration: 3 hrs.****Max Marks: 100**

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

<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.			<b>UNIT - I</b>	<b>CO</b>	<b>PO</b>	<b>Marks</b>
	1	a)	Elaborate on the key characteristics of a project with relevant examples? Differentiate between projects and other types of activities	CO 1	PO11	10
		b)	Enumerate the roles and responsibilities of Project Manager in executing a project with the help of suitable examples	CO 1	PO11	10
			<b>UNIT - II</b>			
	2	a)	Describe various methods used in financial analysis of projects.	CO 2	PO11	10
		b)	Briefly discuss on the various financial institutions operating in India that provide funds to finance projects and also promote establishment of new projects	CO 2	PO11	05
		c)	Differentiate between PERT and CPM.	CO 2	PO11	05
			<b>OR</b>			
	3	a)	Assume you are appointed as a project manager for a biotech company. You need to create a Work Breakdown Structure (WBS) for the development of a new biotech product. Can you describe the process of creating the WBS, including the key components and stages involved?	CO 4	PO11	10
		b)	Why is it essential to identify the risk at the beginning of a project? Justify. Differentiate between qualitative and quantitative risk analysis.	CO 2	PO11	10
			<b>UNIT - III</b>			
	4	a)	Emphasize the significance of effective communication in the success of a biotechnology project. Suggest the actions that need to be taken to ensure clear and efficient communication throughout the project's life cycle.	CO 4	PO11	10
		b)	Tabulate the key components of balance sheet. Explain their characteristics.	CO 4	PO11	10
			<b>OR</b>			
	5	a)	How do project management information systems (MIS) assist in project coordination? Provide a brief explanation with relevant examples.	CO 3	PO11	10
		b)	How is blockchain technology revolutionizing project management? Provide examples to illustrate its impact.	CO 4	PO11	10

		<b>UNIT - IV</b>			
6	a)	How do you define "entrepreneurship," and what are the stages involved in the entrepreneurial development process? Provide explanations for each stage along with relevant examples.	<i>CO 5</i>	<i>PO11</i>	<b>10</b>
	b)	How can entrepreneurs be categorized based on nine distinct entrepreneurial styles? Provide examples for each type	<i>CO 5</i>	<i>PO11</i>	<b>10</b>
		<b>UNIT - V</b>			
7	a)	What are the key factors involved in assessing entrepreneurial opportunities? Explain with suitable examples	<i>CO 5</i>	<i>PO11</i>	<b>10</b>
	b)	What are the fundamental components and practical steps involved in crafting a business plan tailored for entrepreneurs, with real-world examples to illustrate their application and impact?	<i>CO 5</i>	<i>PO11</i>	<b>10</b>

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