

# 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 & ENTERPRENEURSHIP**

**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>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		<b>CO 1</b>	<b>PO11</b>	<b>10</b>
	b)	Enumerate the roles and responsibilities of Project Manager in executing a project with the help of suitable examples		<b>CO 1</b>	<b>PO11</b>	<b>10</b>
			<b>UNIT - II</b>			
2	a)	Describe various methods used in financial analysis of projects.		<b>CO 2</b>	<b>PO11</b>	<b>10</b>
	b)	Briefly discuss on the various financial institutions operating in India that provide funds to finance projects and also promote establishment of new projects		<b>CO 2</b>	<b>PO11</b>	<b>05</b>
	c)	Differentiate between PERT and CPM.		<b>CO 2</b>	<b>PO11</b>	<b>05</b>
			<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?		<b>CO 4</b>	<b>PO11</b>	<b>10</b>
	b)	Why is it essential to identify the risk at the beginning of a project? Justify. Differentiate between qualitative and quantitative risk analysis.		<b>CO 2</b>	<b>PO11</b>	<b>10</b>
			<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.		<b>CO 4</b>	<b>PO11</b>	<b>10</b>
	b)	Tabulate the key components of balance sheet. Explain their characteristics.		<b>CO 4</b>	<b>PO11</b>	<b>10</b>
			<b>OR</b>			
5	a)	How do project management information systems (MIS) assist in project coordination? Provide a brief explanation with relevant examples.		<b>CO 3</b>	<b>PO11</b>	<b>10</b>
	b)	How is blockchain technology revolutionizing project management? Provide examples to illustrate its impact.		<b>CO 4</b>	<b>PO11</b>	<b>10</b>

**Important Note:** 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 - 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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SUPPLEMENTARY EXAMS 2024