



# PRESIDENCY UNIVERSITY

BENGALURU

Roll No.														
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## End - Term Examinations – MAY/ JUNE 2025

Date: 02-06-2025

Time: 01:00 pm – 04:00 pm

School: SOM-UG	Program: BBA	
Course Code : BBA3072	Course Name: Project Management	
Semester: IV	Max Marks: 100	Weightage:50%

CO - Levels	C01	C02	C03	C04	C05
Marks	29	14	29	29	29

### Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

### Part A

Answer ALL the Questions. Each question carries 2 marks.

10Q x 2M=20M

1.	What is a Gantt chart and how is it useful in project scheduling?	2 Marks	L1	C01
2.	Define project monitoring and explain its importance.	2 Marks	L1	C01
3.	What is Earned Value Analysis (EVA)?	2 Marks	L2	C02
4.	Define the Critical Path Method (CPM).	2 Marks	L1	C02
5.	Define NPV and explain its significance.	2 Marks	L1	C03
6.	Differentiate between Activity-on-Node and Activity-on-Arrow in Network Analysis.	2 Marks	L3	C03
7.	State any two benefits of using the PERT technique.	2 Marks	L4	C04
8.	List any two types of project appraisal methods.	2 Marks	L4	C04
9.	State any two difference between Risk measurement and Risk assessment.	2 Marks	L4	C05
10.	What is the purpose of a Project Audit?	2 Marks	L1	C05

## Part B

**Answer ALL the Questions. Each question carries 7 Marks.**

**Total Marks 35M**

<b>11.</b>	<b>a.</b>	<p>A renewable energy company is planning to develop a new wind farm in a remote area.</p> <ol style="list-style-type: none"> <li>1. What are the potential risks associated with the project, including environmental impacts, technical difficulties, delays, and cost overruns?</li> <li>2. How can the company conduct a risk analysis to identify, assess, and prioritize potential risks?</li> <li>3. What are the potential mitigation strategies for each identified risk, including risk avoidance, risk transfer, and risk reduction?</li> <li>4. How can the company monitor and review the risk analysis throughout the project lifecycle?</li> </ol>	<b>07 Marks</b>	<b>L2</b>	<b>CO3</b>
<b>Or</b>					
<b>12.</b>	<b>a.</b>	<p>A venture capital firm has a portfolio of investments in various start-ups and is now considering how to manage the portfolio to maximize returns.</p> <ol style="list-style-type: none"> <li>1. What are the potential strategies for managing the venture capital portfolio, including diversification, concentration, and hedging?</li> <li>2. How can the venture capital firm evaluate the potential risks and returns of each investment in the portfolio, including market analysis, financial projections, and competitive landscape?</li> <li>3. What are the potential metrics for measuring the performance of the portfolio, including internal rate of return (IRR), return on investment (ROI), and cash-on-cash return?</li> <li>4. How can the venture capital firm adjust the portfolio to respond to changes in market conditions, regulatory requirements, and investment opportunities?</li> </ol>	<b>07 Marks</b>	<b>L2</b>	<b>CO3</b>
<b>13.</b>	<b>a.</b>	Discuss the determinants of project cost with examples from real-world scenarios.	<b>07 Marks</b>	<b>L3</b>	<b>CO4</b>
<b>Or</b>					
<b>14.</b>	<b>a.</b>	<p>You work for LL Company, which manufactures high-end optical scopes for hunting rifles. LL Company has been the market leader for the past 20years and has decided to diversify by applying its technology to develop a top-quality binocular. What kind of project management structure would you recommend they use for this project? What information would you like to have to make this recommendation and why?</p>	<b>07 Marks</b>	<b>L4</b>	<b>CO4</b>

15.	a.	Outline the process of Work Breakdown Structure (WBS) and its benefits in project planning.	07 Marks	L3	C02
<b>Or</b>					
16.	a.	Explain how a project manager can handle the project termination phase effectively.	07 Marks	L2	C02

17.	a.	Describe the process of monitoring risks in a project and suggest effective strategies.	07 Marks	L2	C01
<b>Or</b>					
18.	a.	A project requires an initial investment of Rs. 2000 and it is expected to generate a cash flow of Rs.100 for three years plus Rs.250 in the third year. The target rate of return of the project is 10% p.a. Calculate the Net present value of the project.	07 Marks	L3	C01

19.	a.	There is a danger in letting the client “visit” the project operation too frequently not the least of which is “scope creep” or informal change to the projects performance specifications. What other dangers might arise? How might the danger of scope creep be monitored and controlled?	07 Marks	L1	C05																				
Or																									
20.	a.	<div>Cash flow projections for a project are provided below. The relevant discount rate is 10%.</div> <table><tr><td>Time</td><td>T=0</td><td>T=1</td><td>T=3</td><td>T=4</td></tr><tr><td>Costs</td><td>5000</td><td>10,000</td><td>10,000</td><td>15,000</td></tr><tr><td>Benefits</td><td>-</td><td>-</td><td>50,000</td><td>75,000</td></tr><tr><td>Net cash flows</td><td>5,000</td><td>10,000</td><td>40,000</td><td>60,000</td></tr></table> <div>Calculate benefit-cost ratio.</div>	Time	T=0	T=1	T=3	T=4	Costs	5000	10,000	10,000	15,000	Benefits	-	-	50,000	75,000	Net cash flows	5,000	10,000	40,000	60,000	07 Marks	L3	C05
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### Part C

**Answer any Three Questions. Each question carries 15 marks**

**3Q x 15M=45M**

21.	a.	Assume that ABC Inc. is considering two projects namely Project X and Project Y and wants to calculate the NPV for each project. Both project X and Project Y is four-year project and cash flows of both the projects for four years are given below		15 Marks	L2	C04	
		Year	Project X cash flows				Project Y cash flows
		1	5000				1000
		2	4000				3000
		3	3000				4000
		4	1000				6750
		The firms cost of capital is 10% for each project and the initial investment amount is Rs. 10,000. Calculate the NPV of each					

		project and determine in which project the firm should invest.			
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<b>22.</b>	<b>a.</b>	Discuss the components of a well-structured implementation plan and elaborate on the importance of assigning responsibilities.	<b>15 Marks</b>	<b>L3</b>	<b>C03</b>
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<b>23.</b>	<b>a.</b>	Evaluate the role of financial tools such as NPV and Cash Flow Statements in managing large-scale projects with examples.	<b>15 Marks</b>	<b>L3</b>	<b>C05</b>
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<b>24.</b>	<b>a.</b>	<p>You are the president of Silver Fiddle construction (SFC), which specializes in building high-quality, customized homes in the Grand Junction, Colorado area. You have just been hired by the Czopeks to build their dream home. You operate as a general contractor and employ only a part-time bookkeeper. You subcontract work to local trade professionals. Housing construction in Grand Junction is booming. You are tentatively scheduled to complete 11 houses this year. You have promised the Czopeks that the final costs will range from \$450,000 to \$500,000 and that it will take five months to complete the house once ground breaking has begun. The Czopeks are willing to have the project delayed in order to save costs. You have just finished a preliminary scope statement for the project. You are now brainstorming potential risks associated with the project.</p> <p>Questions:</p> <ol style="list-style-type: none"> <li>1. Identify potential risks associated with this project. Try to come up with at least five different risks.</li> <li>2. Use a risk assessment, to analyse identified risks.</li> </ol>	<b>15 Marks</b>	<b>L2</b>	<b>C01</b>
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