



PRESIDENCY UNIVERSITY

BENGALURU

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End - Term Examinations - December 2025

Date: 10- 12- 2025

Time: 1.00pm to 04.00pm

School: SOD	Program: Bachelor of Design – Space Design		
Course Code: DES2118	Course Name: Estimation and Specification		
Semester: V	Max Marks: 100	Weightage: 50%	

CO - Levels	C01	C02	C03	C04	C05
Marks	28	24	48		

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 2marks.

10Q x 2M=20M

1.	Explain the importance of material specifications in cost estimation.	2 Marks	L1	C01
2.	Mention any two differences between lump-sum and item-rate contracts.	2 Marks	L1	C01
3.	Define tender and state its purpose in project execution.	2 Marks	L1	C01
4.	Describe the role of drawings in estimation.	2 Marks	L1	C01
5.	State the formula for calculating area and volume for flooring.	2 Marks	L3	C03
6.	Write any two objectives of preparing BOQ (Bill of Quantities).	2 Marks	L2	C02
7.	Mention two key clauses included in a contract document.	2 Marks	L2	C02
8.	List any four standard measurement units used in estimation.	2 Marks	L3	C03
9.	Explain the importance of detailed specifications of a kitchen.	2 Marks	L3	C03
10.	Differentiate between technical specification and material specification in interior projects.	2 Marks	L3	C03

Part B

Answer the Questions.

Total Marks 80M

11.	a.	Explain the various stages involved in preparing a detailed estimate for an interior project.	04 Marks	L2	C02
	b.	Describe any 3 components of a cost estimate with examples.	04 Marks	L2	C02
	c.	Discuss the purpose of approximate and detailed estimates with suitable examples.	02 Marks	L2	C02
Or					
12.	a.	Prepare an approximate estimate for a 2.5BHK residential interior.	05 Marks	L2	C02
	b.	Discuss any 3 methods of taking out quantities in interior projects.	03 Marks	L2	C02
	c.	Explain the role of area, volume, and running measurements in estimation.	02 Marks	L2	C02
Or					
13.	a.	Define specifications and explain its types with examples relevant to and corporate office interiors of 1500 Sqft.	04 Marks	L3	C03
	b.	Discuss the importance of specifications in cost control and quality assurance.	03 Marks	L3	C03
	c.	Prepare a quotation with specification for wooden flooring.	03 Marks	L3	C03
Or					
14.	a.	Write detailed specifications for wall painting with primer and two coats of paint for 200 Sqft wall.	05 Marks	L3	C03
	b.	Explain how material specifications influence total project cost for a commercial boutique of 900 Sqft.	05 Marks	L3	C03
Or					
15.	a.	Prepare a cost estimation for 9'X6' GLASS SLIDING WARDROBE including labour, material, and overheads.	06 Marks	L3	C03
	b.	Discuss the factors affecting the rate of interior finishes and list a few wardrobe accessories	04 Marks	L3	C03
Or					
16.	a.	Prepare a cost breakup table for false ceiling work in a 5 m × 4 m room.	07 Marks	L3	C03

	b.	Discuss how wastage factors are considered in material estimation.	03 Marks	L3	C03
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17.	a.	Analyze the role of contract documents in ensuring project transparency.	06 Marks	L2	C02
	b.	State the steps involved in preparing a contract agreement and mention the importance of payment schedules in contract management.	04 Marks	L2	C02

Or

18.	a.	Prepare an approximate estimate for the interior work of a 100 m ² office space.	05 Marks	L2	C02
	b.	Explain the components included in a detailed estimate for an CEO Cabin. ³	05 Marks	L2	C02

19.	a.	Prepare a detailed cost estimate for the interior design of a small café (Area: 80 m ²) including flooring, lighting, and furniture works	10 Marks	L1	C01
	b.	Develop a comprehensive cost estimation for electrical and lighting works for the above-mentioned café.	06 Marks	L1	C01
	c.	Prepare a cost estimate for furniture and soft furnishing components for the above-mentioned café.	04 Marks	L1	C01

Or

20.	a.	Prepare a cost estimate for furniture and soft furnishing components for a co-working studio (20 seats) with standard materials and finishes.	12 Marks	L1	C01
	b.	Develop a comprehensive cost estimation for electrical and lighting works in a co-working studio (20 seats) with standard materials and finishes.	05 Marks	L1	C01
	c.	Mention the terms and conditions of the above in the estimate.	03 Marks	L1	C01

21.	a.	Prepare a cost estimate for furniture and soft furnishing components for a corporate office (Area: 120 m ²) including wiring, fixtures, and panels.	12 Marks	L3	C03
	b.	Prepare the lighting quotation for the same	5 Marks	L3	C03
	c.	What type of HVAC System is suggested for and 3000 Sqft restaurant.	3 Marks	L3	C03

Or

22.	a.	Prepare a detailed cost estimate for the interior works of a 60 m ² café, including flooring, wall finishes, false ceiling, and lighting fixtures.	12 Marks	L3	C03
	b.	Prepare a Bill of Quantities (BOQ) for the same café project, listing at least five key work components with their units and quantities.	04 Marks	L3	C03
	c.	Write any three assumptions made during the estimation process and justify their relevance.	04 Marks	L3	C03