



PRESIDENCY UNIVERSITY

BENGALURU

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| Roll No. | | | | | | | | | | | | | | |
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End - Term Examinations – MAY 2025

Date: 27-05-2025

Time: 09:30 am – 12:30 pm

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|-----------------------------|---|-----------------------|
| School: SOD | Program: B. Des. Space Design | |
| Course Code: DES2118 | Course Name: Estimation and Specifications | |
| Semester: VI | Max Marks: 100 | Weightage: 50% |

| CO - Levels | C01 | C02 | C03 | C04 | C05 |
|-------------|-----|-----|-----|-----|-----|
| Marks | 52 | 46 | 82 | | |

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

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|-----|---|---------|----|-----|
| 1. | Define specification in context of interior design. | 2 Marks | L1 | C01 |
| 2. | List types of estimation used in interior projects | 2 Marks | L1 | C01 |
| 3. | Describe the differences between carpet area and built-up area? | 2 Marks | L1 | C01 |
| 4. | Identify two interior elements that significantly affect cost. | 2 Marks | L1 | C01 |
| 5. | Define cost breakdown sheet? | 2 Marks | L1 | C01 |
| 6. | Name two points on the role of finishes in specifications. | 2 Marks | L1 | C01 |
| 7. | Explain the key sustainability considerations in interiors? | 2 Marks | L2 | C02 |
| 8. | Describe the purpose of writing general specifications. | 2 Marks | L2 | C02 |
| 9. | Explain project budgeting and why is it needed? | 2 Marks | L2 | C02 |
| 10. | Determine any two project types that need contracting | 2 Marks | L3 | C03 |

Part B

Answer the Questions.

Total Marks 80M

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| 11. | a. | Describe the various types of estimation techniques with examples. | 8 Marks | L1 | C01 |
| | b. | List are the uses of cost estimation in interior projects? | 6 Marks | L1 | C01 |
| | c. | Tabulate an estimate for painting a 14'×12' room including ceiling. | 6 Marks | L1 | C01 |
| Or | | | | | |
| 12. | a. | List steps to prepare a detailed BOQ for a living room. | 8 Marks | L1 | C01 |
| | b. | Describe how does a detailed drawing, interpretation help in estimation? | 6 Marks | L1 | C01 |
| | c. | Tabulate the quantities for flooring of a 10'×15' bedroom using tiles. | 6 Marks | L1 | C01 |

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| 13. | a. | Explain how to write material and finish specifications for flooring. | 8 Marks | L2 | C02 |
| | b. | Describe how standard units are applied in specification sheets. | 6 Marks | L2 | C02 |
| | c. | Explain the general specifications for wall-mounted storage units. | 6 Marks | L2 | C02 |
| Or | | | | | |
| 14. | a. | Explain how cost drivers relate to specifications? | 8 Marks | L2 | C02 |
| | b. | Compute the specifications for a wardrobe construction. | 6 Marks | L2 | C02 |
| | c. | Distinguish three differences between general and detailed specifications. | 6 Marks | L2 | C02 |

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| 15. | a. | Perform rate analysis for painting per sq.m. using enamel paint. | 8 Marks | L3 | C03 |
| | b. | Prepare a cost estimate sheet for a 2BHK flat interiors (assume data). | 6 Marks | L3 | C03 |
| | c. | List major items in a capstone project specification and their cost impact. | 6 Marks | L3 | C03 |
| Or | | | | | |
| 16. | a. | Calculate a budget proposal for converting a bedroom into a study room. (Assume areas) | 8 Marks | L3 | C03 |
| | b. | Schedule specifications of two types of ceiling finishes. | 6 Marks | L3 | C03 |
| | c. | Employ estimation methods used in a real interior project scenario | 6 Marks | L3 | C03 |

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| 17. | a. | Determine cost-saving strategies in sustainable interior design. | 8 Marks | L3 | C03 |
| | b. | Prepare an estimate labor and material cost for 100 sq.ft of tile flooring. | 6 Marks | L3 | C03 |
| | c. | Determine the specification and create a budget quote. | 6 Marks | L3 | C03 |
| Or | | | | | |

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| 18. | a. | Prepare a detailed BOQ for an open plan office space (assume data). | 8 Marks | L3 | C03 |
| | b. | Use a template and analyze furniture installation for a reception area | 6 Marks | L3 | C03 |
| | c. | Demonstrate or assess a material selection decision using life-cycle cost. | 6 Marks | L3 | C03 |