



Even Semester End Term Examination, May / June 2026

Date: 23/05/2026

Time: 09.30 AM - 12.30 PM

Course Code: DES1046

Course Name: Basic Material Technology

Semester: Fourth Semester

Max. Marks: 100

Weightage: 50%

CO - Levels	CO1	CO2	CO3
Marks	56	44	80

Part A: Answer Following Questions. 20 M

Qn.No	Questions	M	CO	BT
1	Mention two artificial /manmade materials used in interior industry.	2	CO1	BT1
2	Define cladding and inlay ?	2	CO2	BT1
3	State two uses of natural stone and engineered stone.	2	CO1	BT1
4	What are veneer and laminates ?	2	CO1	BT1
5	What is block board?	2	CO1	BT1
6	Mention two ceiling finishes.	2	CO1	BT1
7	State two uses of ceramic tiles.	2	CO1	BT1
8	What is gypsum board and mention its applications ?	2	CO1	BT1
9	Mention two wall finishing materials used in office interiors.	2	CO1	BT1
10	Define engineered wood and engineered stone?	2	CO2	BT1

Part B: Answer Any 1 Following Questions. 20 M

Qn.No	Questions	M	CO	BT
11.a	Explain different types of materials used in design studio interiors.	10	CO1	BT1
11.b	Describe the uses of paints and finishes in buildings.	10	CO1	BT1
12.a	Explain the type of wood composites that can be used to make console table and wardrobes for bedroom with illustrative sketches.	10	CO1	BT1
12.b	Explain the need of sustainable design practices and materials in spatial design.	10	CO1	BT1

Part C: Answer Any 1 Following Questions. 20 M

Qn.No	Questions	M	CO	BT
13.a	Compare marble and granite as flooring materials with various applications, types and suitable sketches.	10	CO2	BT2
13.b	Analyze the importance of glass and mention its applications in modern interiors and spatial design .	10	CO2	BT2
14.a	Compare plywood and block board with supporting sketches.	10	CO2	BT2
14.b	Analyze current trends and list in detail materials used in wall treatment .	10	CO2	BT2

Part D: Answer Any 1 Following Questions. 20 M

Qn.No	Questions	M	CO	BT
15.a	Suggest suitable materials for a modular kitchen with reasons and supporting sketches.	10	CO3	BT3
15.b	Recommend and explain the suitable flooring materials that can be used for residential living rooms	10	CO3	BT3
16.a	Applying suitable materials for library interiors explain the properties and applications with supporting sketches.	10	CO3	BT3
16.b	Suggest materials that can be used for bathroom wall and floor finishes with detailed explanation and supporting sketches.	10	CO3	BT3

Part E: Answer Any 1 Following Questions. 20 M

Qn.No	Questions	M	CO	BT
17.a	Recommend materials for boutique showroom interiors with supporting statements and specifications.	10	CO3	BT3
17.b	Suggest sustainable materials that can be used to design tv unit on a wall .(15' wide and 10 ' long)	10	CO3	BT3
18.a	Applying suitable design , list the various materials that are to be considered for a walk in wardrobe design. 10' long and 9' ht with neat illustrative sketches.	10	CO3	BT3
18.b	Recommend suitable materials that can be used to redesign your existing studio / classroom with supporting elevation and detailed sketches.	10	CO3	BT3