

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/
COMMERCIAL PRACTICE, NOVEMBER - 2025**

HABITAT TECHNOLOGY

[Maximum marks: 75]

[Time: 3 Hours]

PART A

I. Answer all the following questions in one word or one sentence. Each question carries 1 mark

(9 x 1 = 9 Marks)

		Module outcome	Cognitive level
1	List the objects of town planning.	M1.02	R
2	Define vernacular architecture.	M1.03	R
3	If an architecture wants to create a look of relaxation and calmness by using lines, which type of line would fit the description.	M1.04	R
4 is the movement of air masses in horizontal direction.	M2.01	R
5	Define sun path diagram.	M2.02	R
6	List any two Phytogeographical regions of India.	M3.01	R
7	Give any two examples of hardscapes in landscape design.	M3.02	U
8	List the primary colours.	M4.01	R
9is the relation of one element to another element in size, shape and quantity.	M4.01	R

PART B

II. Answer any eight questions from the following. Each question carries 3 marks.

(8 x 3 = 24 Marks)

		Module outcome	Cognitive level
1	Define zoning.	M1.02	R
2	Explain 'Shape' in architectural design.	M1.04	U
3	Define micro climate.	M2.01	R
4	Explain the different types of wind.	M2.01	U
5	Explain bubble diagrams in landscape design.	M3.04	U
6	Define landscape design.	M3.01	R
7	Explain the features of informal gardens.	M3.03	U
8	Explain positive and negative space in interior design.	M4.01	U
9	Explain 'Contrast' in interior design.	M4.01	U
10	Define Ergonomics.	M4.03	R

PART C

Answer all questions. Each question carries seven marks

(6 x 7 = 42 Marks)

		Module outcome	Cognitive level
III	List the advantages of horizontal growth of a town.	M1.02	R
	OR		
IV	Describe the effects of slums.	M1.02	U
V	Explain Koppen classification of Climate.	M2.01	U
	OR		
VI	Explain ventilation and list the functions of ventilation.	M2.04	U
VII	Explain the role of vegetation in landscape design.	M3.02	U
	OR		
VIII	Explain the features of Mughal gardens.	M3.03	U
IX	Sketch the landscape layout of a 'Children's Park'.	M3.04	A
	OR		
X	Explain ferrocement and list the applications of ferrocement building products in landscape.	M3.02	U
XI	Explain 'proportion' and 'scale' in interior design.	M4.01	U
	OR		
XII	Illustrate plan of a master bedroom using the principles of anthropometry.	M4.02	A
XIII	Explain the benefits of modular furniture.	M4.02	U
	OR		
XIV	Sketch the layout of furniture for a kitchen.	M4.04	A
