

TED (15) – 5017

(REVISION — 2015)

Reg. No. ....

Signature .....

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/  
MANAGEMENT/COMMERCIAL PRACTICE — APRIL, 2018

**HABITAT TECHNOLOGY**

[Time : 3 hours

(Maximum marks : 100)

**PART — A**

(Maximum marks : 10)

Marks

I Answer *all* questions in one or two sentences. Each question carries 2 marks.

1. Define Microclimate.
2. Name the three planes enclosing interior architectural space.
3. Define Landscape design.
4. State Munsell system of Light measurement.
5. Name the natural elements of landscape design.

(5×2 = 10)

**PART — B**

(Maximum marks : 30)

II Answer any *five* of the following questions. Each question carries 6 marks.

1. Explain what causes seasonal changes on Earth.
2. How does ground surface affect air measurement at a place.
3. Differentiate proportion and scale in interior design.
4. Explain the qualities of Colour.
5. Explain the important features of French garden.
6. Explain the photometric quantities of light.
7. Describe the necessity of Town Planning.

(5×6 = 30)

PART — C  
(Maximum marks : 60)

(Answer one full question from each unit. Each full question carries 15 marks.)

UNIT — I

- III (a) Explain the Climatic elements namely Humidity and Air temperature. 8  
(b) Explain the local factors affecting the site climate. 7

OR

- IV (a) How do the local factors affect Solar radiation. 8  
(b) Write short notes on Environmental Management. 7

UNIT — II

- V (a) Write short notes on Emphasis and Rhythm in interior design. 7  
(b) Explain briefly the decorative materials used for wall coverings. 8

OR

- VI (a) Explain the types of colours using a Colour Wheel. 8  
(b) Describe the properties of Texture in interior design. 7

UNIT — III

- VII (a) Differentiate Soft and Hard landscaping. 7  
(b) Discuss briefly the features of Taj garden with a figure. 8

OR

- VIII (a) Describe briefly the various artificial elements used in landscaping. 8  
(b) Explain the application of ferrocement building products in landscape design. 7

UNIT — IV

- IX (a) Explain the objects of Town Planning. 7  
(b) Describe the characteristics and effects of Slums. 8

OR

- X (a) Explain the measurement of Sound energy. 7  
(b) Describe the various patterns in the growth of towns according to the origin. 8