

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE, APRIL – 2020**

HABITAT TECHNOLOGY

[Maximum Marks: 75]

[Time: 2.15 Hours]

PART-A

(Answer *any three* questions in one or two sentences. Each question carries 2 marks)

- I. 1. Distinguish climate and weather.
2. Define sustainable development.
3. Define interior design.
4. List any four hard elements of landscape design.
5. Define slums. (3 x 2 = 6)

PART-B

(Answer any *four* of the following questions. Each question carries 6 marks)

- II 1. List the factors affecting climate.
2. Explain the principles of interior design.
3. List any six materials for interior design.
4. Differentiate between formal and informal garden.
5. Explain the principles of landscape design.
6. Explain the effects of slums.
7. Explain natural and artificial lighting. (4 x 6 = 24)

PART-C

(Answer *any of the three units* from the following. Each full question carries 15 marks)

UNIT – I

- III (a) Explain the different types of wind systems. (8)
(b) Explain sustainable development in construction industry. (7)

OR

- IV (a) Explain how earth attains thermal balance. (8)
(b) Explain efforts for protecting atmosphere, air, water and earth. (7)

UNIT – II

V (a) Explain the characteristics of indoor space. (8)

(b) Explain golden section with a figure. (7)

OR

VI (a) Explain the properties and application of colours. (8)

(b) Explain the duties and responsibilities of interior designer. (7)

UNIT- III

VII (a) Explain the main features of Mughal garden. (8)

(b) Explain the natural components of landscape design. (7)

OR

VIII (a) Briefly explain the different types of Japanese garden. (8)

(b) Design and illustrate the landscape for your Institution. (7)

UNIT - IV

IX (a) Explain the different Noise control methods of building. (8)

(b) Explain the causes for the formation of slums. (7)

OR

X (a) Explain the methods of measurements of sound energy. (8)

(b) Explain the characteristics of slums. (7)
