

TED (15) – 5017

Reg. No.

(REVISION — 2015)

Signature

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 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 micro climate and macro climate.
2. Define sustainable development.
3. Define interior decoration.
4. List any four natural components of landscape design.
5. Define sound.

(5×2 = 10)

PART — B

(Maximum marks : 30)

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

1. State various climatic factors.
2. Explain solar radiation quantity and quality.
3. List any six classic and modern decorative materials for interior design.
4. Differentiate between formal and informal garden.
5. Explain the styles of French garden.
6. Explain the methods for clearance of slums.
7. State the noise control methods of building.

(5×6 = 30)

PART — C
(Maximum marks : 60)

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

UNIT — I

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| III | (a) Explain earth Thermal balance. | 8 |
| | (b) Explain sustainable development in construction industry. | 7 |

OR

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| IV | (a) Explain factors causing the deviations of the urban climate. | 8 |
| | (b) Explain wind and types of wind. | 7 |

UNIT — II

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| V | (a) Classify and explain the complementary colours based on their characteristics. | 8 |
| | (b) Explain the characteristics of indoor space. | 7 |

OR

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| VI | (a) Explain the Psychological impact of colours. | 8 |
| | (b) Explain the principles of interior design. | 7 |

UNIT — III

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| VII | (a) Explain the artificial or manmade elements of landscape design. | 8 |
| | (b) Explain the main features of Mughal garden. | 7 |

OR

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| VIII | (a) Explain the features of English garden. | 8 |
| | (b) Explain the features of Japanese garden. | 7 |

UNIT — IV

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| IX | (a) State the principles of town planning. | 8 |
| | (b) Explain the causes for development of slums. | 7 |

OR

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| X | (a) Explain natural and artificial lighting. | 8 |
| | (b) Explain the characteristics of slums. | 7 |