

TED (10)–5003

Reg. No.

(REVISION—2010)

Signature

FIFTH SEMESTER DIPLOMA EXAMINATION IN CIVIL ENGINEERING
AND QSCM—OCTOBER, 2013

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. Why winter climate is cooler ?
2. Draw an interior space.
3. List any three types plants used in garden.
4. Draw an example for unsymmetrical balance.
5. What is an earthquake ?

(5×2=10)

PART—B

(Maximum marks : 30)

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

1. Name the principal climatic elements and explain any one of them.
2. Write short notes on the wind pattern on globe.
3. Write any three schemes of colour.
4. How can you express the relation, when change the interior enclosures by the change of proportion ?
5. Write any four types and purpose of artificial elements in landscape.
6. List the features of Mughal garden.
7. What are the causes of formations of slums ?

(5×6=30)

PART—C

(Maximum marks : 60)

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

UNIT—I

III Explain the following :

- (a) Sustainable development
- (b) Environmental management.

8

7

OR

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- | | Marks |
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| IV (a) What causes the seasonal changes on earth? Explain. | 7 |
| (b) Explain solar radiation quality and quantity. | 8 |

UNIT—II

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| V (a) Prepare a table showing name and uses materials for interior design. | 7 |
| (b) Draw a schematic drawing shows interior structural elements. | 8 |

OR

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| VI (a) Write the principles of balance, rhythm, harmony and emphasis of interior design with neat sketch. | 8 |
| (b) Select the most suitable colour for drawing room, bed room and children's room and give the reason. | 7 |

UNIT—III

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| VII (a) Draw a sketch of Mughal garden and mark the features of garden elements. | 8 |
| (b) Discuss the natural elements for garden. | 7 |

OR

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| VIII (a) Discuss the features of french garden. | 7 |
| (b) Write and describe classification of plants. | 8 |

UNIT—IV

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| IX (a) Write planning and design of earthquakes resistant structures. | 8 |
| (b) What are the characteristics of slums? | 7 |

OR

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|---------------------------------------|---|
| X (a) Explain land development. | 8 |
| (b) Give the effects of soil erosion. | 7 |

MADIN Polytechnic College