

TED (10)–5003

(REVISION—2010)

Reg. No. ....

Signature .....

FIFTH SEMESTER DIPLOMA EXAMINATION IN CIVIL ENGINEERING  
AND QSCM—MARCH, 2014

HABITAT TECHNOLOGY

[Time : 3 hours

(Maximum marks : 100)

Marks

PART—A

(Maximum marks : 10)

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

1. Define climate.
2. What is meant by the polar wind ?
3. Write any four materials for interior floor element.
4. Write two soft and hard elements in landscape design.
5. What is meant by slum clearance ?

(5×2=10)

PART—B

(Maximum marks : 30)

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

1. Distinguish between micro climate and macro climate with examples.
2. What do you understand by solar radiation quality and quantity ?
3. Define an interior space perception with examples.
4. What are the application of warm and cool colour ?
5. Write formal and informal garden with examples.
6. What are the materials used for pavings ?
7. List the reasons for formation 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 (a) How does ground surface affected air movement at a place ? 7  
(b) Give your suggestions for protecting the earth and atmosphere for the future generation. 8

OR

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[P.T.O.]

- IV (a) The infrastructure development is essential for the progress of the society. But every infrastructure development is associated with some environmental problem, how can minimise these problem ? 7
- (b) Draw the neat sketch with mark the components part of a rainwater harvesting. 8

## UNIT—II

- V (a) Discuss the size and volume of a space. 7
- (b) Write the steps for planning an interior of a class room. 8

OR

- VI (a) Sketch and explain rhythm and proportion. 8
- (b) What are the different types of texture and give two examples from each. 7

## UNIT—III

- VII (a) Draw a typical form of French style garden and list the main features. 7
- (b) Explain components of landscape. 8

OR

- VIII (a) Discuss maintenance of lawn. 8
- (b) Write the uses of prefabricated components. 7

## UNIT—IV

- IX (a) Give the methods adopted for the clearance of slums. 8
- (b) Explain land development. 7

OR

- X (a) What are the important points to be considered while designing an earthquake resistant building ? 8
- (b) Explain the effect of soil erosion. 7