

FIFTH SEMESTER DIPLOMA EXAMINATION IN CIVIL ENGINEERING
AND QSCM — MARCH, 2015

HABITAT TECHNOLOGY

[Time : 3 hours

(Maximum marks : 100)

PART—A

(Maximum marks : 10)

Marks

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

1. Define weather.
2. Write any agency that provides assistance for sustainable development.
3. Define interior space.
4. Write any four materials for texture in interior design.
5. What is meant by magnitude of earthquake ? (5×2=10)

PART—B

(Maximum marks : 30)

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

1. What are the factors affecting climate ?
2. Write any three objectives of environmental management.
3. What are the factors affecting interior design ?
4. What are the psychological impacts of red and yellow colors ?
5. List features of Mughal Garden.
6. Explain the effects of Earthquake.
7. Write short note on soil erosion. (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 solar radiation in quality and quantity. 8
- (b) What are the advantages of sustainable agriculture ? 7

OR

		Marks
IV	(a) Explain the three climatic elements namely air temperature, humidity and wind.	8
	(b) How does ground surface affect air measurement at a place ?	7

UNIT—II

V	What are the principles of interior design ?	15
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OR

VI	(a) Distinguish between proportion and perception.	8
	(b) Explain various types of flooring used for ground floor construction.	7

UNIT—III

VII	(a) Discuss the features of English Garden.	8
	(b) Explain the types of reinforcement used in Ferrocement construction.	7

OR

VIII	(a) What are the landscape elements of Japanese garden ?	8
	(b) Write any three properties and advantages of Ferrocement.	7

UNIT—IV

IX	(a) What are the qualities of Earthquake resistant buildings ?	8
	(b) What are the causes of slum ?	7

OR

X	(a) Explain Earthquake resistant in R.C.C. buildings.	8
	(b) Explain the method of slum clearance.	7
