

FIFTH SEMESTER DIPLOMA EXAMINATION IN CIVIL ENGINEERING

HABITAT TECHNOLOGY

(MODEL QUESTION PAPER)

(Maximum marks:100)

(Time : 3hrs)

PART-A

(Answer all question)

(Each questions carries 2 marks)

I. Answer the following questions in one or two entences

1. Why winter climate is cooler?
2. What is meant by sustainable development?
3. State interior design and interior decoration
4. Write two examples for formal and informal garden
5. What is meant by soil erosion?

(5x2=10)

PART-B

(Maximum marks-5x6=30)

(Answer any five questions)

- II. 1. Write short notes on the characteristics of wind force and speed.
2. When we design a residential building what are the factors considered in association with climate?
3. Prepare the list if earth quake zones in India.
4. Write the needs of Interior design profession.
5. Draw the golden sections, and relations
6. List natural and artificial elements for residential garden

7. Write short notes on the effects of soil erosion on ground surface. (5x6=30)

(PART-C)

(Answer one full question from each unit)

Unit-I

- III (a) How earth's attains thermal balance? (7)
(b) What are the causes seasonal changes on earth? Explain. (8)

OR

- IV (a) How does vegetation affect site climate (7)
(b) How does ground surface affect air movement at a place? (8)

Unit –II

- V (a) Write any five colour scheme with diagrams (8)
(b) Prepare a list showing different modern materials applied in the interior of Office building (7)

OR

- VI (a) Write the steps for planning interior design of a computer class room (8)
(b) Prepare a list of various finishes showing their approximate cost used for structural elements in interior design (7)

Unit-III

- VII (a) Write major events of development in land scape history (7)
(b) Discuss the maintenance of lawns (8)

OR

- VIII (a) Draw and detail, the components of landscape design of a residential building (7)
(b) Explain and draw any informal garden and write the main features. (8)

- IX (a) What are the important points to be considered while designing an earthquake resistant building ? (8)
- (b) Give the methods adopted for the clearance of slums (7)

OR

- X (a) Give the general characteristics of a slum (8)
- (b) Discuss the remedial measures for soil erosion (7)

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