

FOURTH SEMESTER DIPLOMA EXAMINATION IN ARCHITECTURE
OCTOBER- 2016
TOWN PLANNING

Maximum Marks : 100

Time : 3 Hrs

PART-A

[Maximum marks: 10]

Marks

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

- 1 Define town planning.
- 2 What is meant by neighbourhood unit?
- 3 Define pathway.
4. What is HUDCO?
- 5 Define building bye-laws.

[5x2 =10]

PART - B

[maximum marks : 30]

II Answer any 5 of the following questions. Each question carries 6 marks.

1. What are the principles of zoning?
2. Explain objects of town planning.
3. List out six requirements of a good city road.
4. Write on expressway.
5. What is slum clearance? List out any four measures adopted to make slum clearance successful.
6. List out the objects of National Housing Policy.
7. Discuss importance of bylaws.

[5x6 =30]

PART - C

[maximum marks : 60]

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

UNIT I

- III (a) Discuss the necessity of town planning. [8]
(b) Explain features of neighborhood unit. [7]

OR

- IV (a) Explain with sketches the natural growth of towns. [12]
(b) Differentiate between horizontal growth and vertical growth. [3]

UNIT- II

- V (a) Explain how urban roads are classified. [10]
(b) Illustrate with sketches rectangular street system and concentric street system. [5]

OR

- VI (a) List out the objectives of traffic management. [6]
(b) What are roundabouts? Explain their advantages. [9]

UNIT- III

- VII (a) Write six aspects of design of residential areas. [9]
(b) Explain how parks are classified. [6]

OR

- VIII (a) Explain the characteristics of slums. [9]
(b) List out any six causes of slum formation. [6]

UNIT - IV

- IX (a) Explain the principles to be observed while framing the building bye-laws. [8]
(b) Explain the rules related to the design of fire-escape stairway according to KBR. [7]

OR

- X (a) Explain the features of town planning of Chandigarh city. [15]