

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2017**

TOWN PLANNING

[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. Define Net density.
2. Define Expressway.
3. Define the term slum.
4. Define Master Plan.
5. Explain the term FAR.

(5×2 = 10)

PART — B

(Maximum marks : 30)

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

1. Write any six necessity of town planning.
2. What are the principles of neighbourhood unit planning ?
3. What are the causes of road accidents ?
4. Explain :

(a) Arterial roads	(c) Pathways
(b) Sub arterial roads	(d) Local roads
5. Explain the importance of housing.
6. Enumerate the effects of slums.
7. What are the features of development plan for a town ?

(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) What are the advantages and disadvantages of vertical growth ? 10
(b) What are the main principles of zoning ? 5

OR

- IV (a) Mention the features of a satellite town. 8
(b) What are the advantages of zoning ? 7

UNIT — II

- V (a) What are the good requirements of good city road ? 9
(b) What are the points to be noted in connection with the road markings ? 6

OR

- VI (a) What are the general principles to be observed for achieving road aesthetics ? 9
(b) Mention the disadvantages of traffic congestion. 6

UNIT — III

- VII (a) What are the requirements of residential buildings ? 9
(b) How can formation of slum be prevented ? 6

OR

- VIII (a) What are the characteristics of slums ? 9
(b) Explain any six general principles to be observed in park design. 6

UNIT — IV

- IX (a) Define a set-back and mention its advantages. 8
(b) Enumerate the data required for preparation of a drawing of development plan of a town. 7

OR

- X (a) Which are the requirements needed by the local authority for the approval of the plan of a new building ? 8
(b) Write down any seven salient features of Chandigarh City with respect to the principle of the town planning. 7