

**D 11932**

(Pages : 2)



**SEVENTH SEMESTER B.TECH. (ENGINEERING) [09 SCHEME] DEGREE  
EXAMINATION, NOVEMBER 2016**

**CE 09 706 L17—ARCHITECTURE AND TOWN PLANNING**

Time : Three Hours

Maximum : 70 Marks

**Part A**

*Answer all questions.*

*Each question carries 2 marks.*

1. (a) "Form follows the function." Justify the statement.
- (b) What are the important points to be remembered in connection with the building bye-laws ?
- (c) How emotional effects are related to architectural design ?
- (d) What are the advantages and disadvantages of horizontal growth ?
- (e) What are the reasons for preparing a master plan for the town ?

(5 × 2 = 10 marks)

**Part B**

*Answer any four questions.*

*Each question carries 5 marks.*

2. (a) Explain the role of unity and contrast in architectural composition with suitable example.
- (b) Briefly discuss about the principles of planning with respect to Elegance and Economy.
- (c) Write short note on licensing of building works.
- (d) Discuss the significance of social and demographic surveys.
- (e) What is slum ? Give details of its effects on society.
- (f) Explain the concept of urban area delineation.

(4 × 5 = 20 marks)

**Part C**

*Answer all questions.*

*Each question carries 10 marks.*

3. (a) Describe in detail the significance and role of mass, scale and proportion in the aesthetic design of buildings.

*Or*

- (b) How much importance can be given to visual perception in architecture ? Explain in detail.

**Turn over**

4. (a) Discuss the factors to be considered at the time of site selection of public buildings.

Or

(b) Briefly discuss the computer aided design, drafting and model making of a building.

5. (a) Explain the need of surveys. What are the various types and how is it applicable in town planning ?

Or

(b) Describe the effects of unplanned urban growth.

6. (a) What is Master plan ? What are the various steps involved in preparing a master plan ? How a master plan can be implemented ?

Or

(b) Write short note on (i) Zoning ; (ii) Standards for roads and paths.

(4 × 10 = 40 marks)