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Name .....

Reg. No. ....

**SEVENTH SEMESTER B.TECH. (ENGINEERING) [09 SCHEME] DEGREE  
EXAMINATION, NOVEMBER 2015**

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

Time : Three Hours

Maximum : 70 Marks

**Part A**

*Answer all questions.*

1. (a) How symmetrical balance is different from asymmetrical balance ?
- (b) Explain briefly about the psychological impact of colour.
- (c) Mention the various building aspects to be considered, under regulations and bye-laws by architect while planning and designing the layout of the building.
- (d) What is the necessity of town planning ?
- (e) What are the bad effects of slums on the town life ?

(5 × 2 = 10 marks)

**Part B**

*Answer any four questions.*

2. (a) Briefly discuss the factors influencing architectural development.
- (b) What are the basic elements that introduce “aesthetics” in architecture ? Discuss it.
- (c) What is site plan ? Mention various details that are generally shown on site plan.
- (d) Mention the objective and importance of regional planning.
- (e) Discuss about the garden city movement.
- (f) What are the various stages of preparation and implementation of master plan ?

(4 × 5 = 20 marks)

**Part C**

*Answer all questions.*

3. (a) Explain how the following principles are used in building design ; (i) Unity ; (ii) Mass and Texture ; (iii) Scale and Proportion ; and (iv) Relation between plan and elevation.

*Or*

- (b) What are the elements of architecture ? Explain its functions.

**Turn over**

4. (a) Explain the occupancy classification of building in detail.

Or

- (b) Discuss briefly the various principles of planning buildings. Explain the significance of aspect and prospect for residential buildings.

5. (a) Explain some of the historical theories of town planning. State their reasons for failure.

Or

- (b) Write a short note on : (i) Urbanization and its merits ; (ii) Significance of social and demographic survey.

6. (a) What are the objectives of zoning ? Explain the zoning aspects with illustrations.

Or

- (b) Write a short note on : (i) Slum clearance schemes ; (ii) Planning standards for traffic network.

(4 × 10 = 40 marks)