

V FIFTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION
NOVEMBER 2013

CE 09 706 L 17—ARCHITECTURE AND TOWN PLANNING

Three Hours

Maximum : 70 Marks

Part A

*Answer all questions.
Each question carries 2 marks.*

- I. (a) Define the term style in architecture.
(b) Discuss on comfort factors.
(c) Write a short note on ideal towns.
(d) Explain the term site plan.
(e) What is meant by density zones ?

(5 × 2 = 10 marks)

Part B

*Answer any four questions.
Each question carries 5 marks.*

- II. (a) Write a short note on land use classification.
(b) Explain on space in architecture.
(c) Write a short note on functional planning of buildings.
(d) Discuss on growth models.
(e) Form follows function—comment.
(f) Explain the concept of urban influence zone.

(4 × 5 = 20 marks)

Part C

*Answer all questions.
Each question carries 10 marks.
Draw neat sketches wherever necessary.*

- III. (a) Explain the following Principles of architectural composition with conceptual sketches and examples.
(i) Unity.
(ii) Rhythm.

Or

- (b) Explain the following Principles of architectural composition with conceptual sketches and examples.
(i) Balance.
(ii) Proportion.

TURN OVER

- IV. (a) Write short notes on :
- (i) Licensing of building works.
 - (ii) Computer aided design and drafting.

Or

- (b) Explain in detail about working drawings and pictorial drawings prepared by an Architect for a building design.

- V. (a) Write short notes on the following :
- (i) Regional planning.
 - (ii) Transportation network.

Or

- (b) Write short notes on the following :
- (i) Conservative surgery.
 - (ii) Evolution of towns.

- VI. (a) Write short notes on the following :
- (i) Master plan.
 - (ii) Slum clearance schemes.

Or

- (b) Write short notes on the following :
- (i) Town planning legislation and municipal acts.
 - (ii) Pollution control aspects.

(4 × 10 = 40 marks)