Name No. 22 P. Reg. No. 23 P. Reg. No. 24 P. Reg. No. 25 P. Reg. N

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?

 $(5 \times 2 = 10 \text{ marks})$

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.

 $(4 \times 5 = 20 \text{ marks})$

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.

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- 4. (a) Discuss the factors to be considered at the time of site selection of public buildings.
- MANAGER BITEOH (BY TO VERTICAL TO) OF AN HOUTE MEETING (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? West Couly

- (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? ale out virtue function. "Australy the sis

od semog blisdmerth sell signasmy (b) Write short note on (i) Zoning; (ii) Standards for roads and paths.

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