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Seventh Semester B.Arch. Degree Examination, Dec. 2013/Jan. 2014
Physical Planning

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. Explain in detail, what are urban and rural settlements. Explain the differences and interrelation between them. (10 Marks)
b. Elaborate problems faced by a typical Indian city. (10 Marks)
- 2 a. Explain in detail, the life style and values of Romans. Elaborate how it affected their city form with the help of an example and diagram. (10 Marks)
b. What were the basic characteristics of a typical medieval city in Europe? Explain with an example and neat sketch. (10 Marks)
- 3 a. Draw neatly different types of Vedic patterns used in city design. (10 Marks)
b. Explain with a neat sketch, the typical characteristics of south Indian temple town. (10 Marks)
- 4 a. Explain the concept of 'Garden City' by Sir Ebenezer Howard, with neat sketches. (10 Marks)
b. With the help of neat sketches, the principles of "Radburn Pattern". (10 Marks)
- 5 a. Write a detailed note on 'Land Use' patterns in a city. (10 Marks)
b. What are the causes and effects of slums in a city? What are the strategies to improve them? (10 Marks)
- 6 a. Write a detailed note on 'Concentric Zone Theory' and 'Sector Theory'. (10 Marks)
b. Write a detailed note on 'Survey'. (10 Marks)
- 7 a. Write a detailed note on 'Regional Planning'. (10 Marks)
b. What is CBD and OBD in a city? What are the problems faced by a typical CBD? (10 Marks)
- 8 a. Define gross density and net density. Explain how density of population varies in a city. (10 Marks)
b. Draw different types of grade separators with traffic flow. (10 Marks)