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09ARC7.3

Seventh Semester B.Arch. Degree Examination, June/July 2019
Physical Planning

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. Explain the factors responsible for the growth and evolution of human settlements. (10 Marks)
b. What are the characteristics of urban settlements? (10 Marks)
- 2 Describe the development and characteristics of cities in
a. Medieval and (10 Marks)
b. Renaissance periods. (10 Marks)
- 3 What was the impact of the industrial revolution on towns and cities? (20 Marks)
- 4 Discuss the 'Neighborhood Concept' and its relevance in Indian context. (20 Marks)
- 5 a. Explain the significance of surveys in town planning. (10 Marks)
b. Describe the types of data collected in a socio economic survey. (10 Marks)
- 6 a. Define 'CBD'. (08 Marks)
b. What are the types of land uses found in the central areas of cities? (12 Marks)
- 7 Differentiate between:
a. Net and Gross residential density. (10 Marks)
b. Public and semi public land use. (10 Marks)
- 8 Write short notes on:
a. Hilber Seimer's linear city
b. Sector theory
c. Patrick Goddes 'Conservative Surgery'
d. Megatopolis (20 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.



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09ARC7.3

Seventh Semester B.Arch. Degree Examination, Dec.2018/Jan.2019

Physical Planning

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions.

- 1 a. What are the components of Greek cities? (04 Marks)
b. Discuss the characteristics of a planned Greek city. (16 Marks)
- 2 a. What is Land – use planning? (02 Marks)
b. What are the typical land uses found in a city? (03 Marks)
c. Describe Concentric – Zone theory, Sector theory and Multiple – Nuclei with neat sketches. (15 Marks)
- 3 a. What are the objectives of Garden city development? (08 Marks)
b. Describe the Garden city planning approach by using the case example of Radburn , NJ. (12 Marks)
- 4 a. What is Regional planning? (02 Marks)
b. Discuss the objectives and principles of Regional planning. (18 Marks)
- 5 a. Discuss the characteristics of a CBD. (08 Marks)
b. What are the major problems a CBD Faces? (08 Marks)
c. How does spatial accessibility influence in the growth of a CBD? (04 Marks)
- 6 a. What are the characteristics of a slum? (04 Marks)
b. Discuss the causes of slum formation. (10 Marks)
c. Explain various approaches to slum clearance with financial assistance schemes in Indian context. (06 Marks)
- 7 Discuss the planning factors you will consider while proposing a bus – terminus in a city. (20 Marks)
- 8 Write short notes on any four :
 - a. Necessity of planning.
 - b. Conservative surgery in planning.
 - c. Classification of roads.
 - d. Principles of neighbourhood planning.
 - e. Conurbation.
 - f. Problems of Ribbon development. (20 Marks)

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