

Printed Pages : 2



ECE-014

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 100654

Roll No.

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B. Tech.

(SEM. VI) THEORY EXAMINATION, 2014-15
**PRINCIPLES OF TOWN PLANNING AND
ARCHITECTURE**

Time : 2 Hours]

[Total Marks : 50

Note: - Attempt all questions.

1. Attempt any four parts of the following: $3.5 \times 4 = 14$
- Define Town Planning and its uses for Civil Engineer.
 - Briefly describe different principles of Town Planning.
 - Give a brief description of Town Planning. Mention different Traffic Control Devices.
 - State the Density Concept in Architecture.
 - Discuss the concept of Garden City and its contribution in early planning efforts.
 - Discuss the concept of Land use Pattern in context of Indian Mohallas.

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[Contd...

2. Attempt any three parts of the following: $4 \times 3 = 12$
- a) What do you understand by Evolution of Architectural forms?
 - b) How the innovation of New Materials of construction brought changes in Architectural Planning. Explain.
 - c) Explain briefly the concept of Neighborhood Planning with reference to the Indian cities.
 - d) What types of problems are commonly encountered in Metropolis? Explain them and also suggest some remedies for it.
3. Attempt any three parts of the following: - $4 \times 3 = 12$
- a) What is the role of Architects in design of the Buildings and as a whole a City?
 - b) Write a brief note on the Building Bye-Laws for residential area of a typical town planning scheme. Enumerate at least five Building Bye-Laws.
 - c) Explain the Impact of Development of material through Ages.
 - d) Write various elements of Aesthetics and explain about Texture, Contrast and Color.
4. Attempt any two parts of the following : $(6 \times 2 = 12)$
- a) Illustrate in detail the Satellite Town Concept. Give the different symbols used in building industries.
 - b) Define built up area and floor space index. What are the main considerations in planning and designing of a school building in an urban area?
 - c) What are the Principles involved in Architectural design of building? Which type of material plays important role for architectural planning of Building.

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