

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

Paper ID : 100654

Roll No.

B. TECH.

Theory Examination (Semester) 2015-16

PRINCIPLES OF TOWN PLANNING AND ARCHITECTURE

Time : 3 Hours

Max. Marks : 100

Section-A

1. Attempt each short answer type questions. (2×10=20)

- (a) Mention the significance of architectural drawing.
- (b) What are the different symbols used in building industry.
- (c) Mention two aspects of population survey.
- (d) Write two causes of environmental pollution.
- (e) Write two measures to prevent environmental pollution.
- (f) What is meant by texture?
- (g) What are the different land uses?

- (h) What are the concept of habitat.
- (i) What do you mean by density concepts.
- (j) Write two importance of architectural forms.

Section-B

2. Attempt any five parts of the following. (10×5=50)

- (a) Explain the planning considerations of the neighbour hood with special reference Indian cities.
- (b) Give detailed note on the role of an architect.
- (c) Illustrate in detail about the Satellite town concepts.
- (d) Which type of material plays a very important role for the architecture planning of a building. Explain their advantages.
- (e) Explain the affect of transporation planning on the social sector of a country.
- (f) Describe the main consideration in planning and design of a hospital building in an urban area.
- (g) Explain in details about the importance of Land use pattern in development plan.

- (h) Write brief note on the building bye-laws for residential area of a typical town planning scheme.

Section-C

Note: Attempt any two parts of the following. (15×2=30)

3. How town planners keep a very important role for the growth of a country?
4. Define built up area and floor space index. How will these can be calculated.
5. “No Technical Organization can sustain without proper communication” comment.



