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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: (i) Attempt all questions.

(ii) Marks are indicated against each question.

(iii) Assume any data suitably, if required

- 1.. Attempt any four parts of the following : (3x4=12)
  - a) What do you understand by land use pattern? What are its advantages?
  - b) What are various stages of town planning according to Lewis Mumford?
  - c) Enunciate various principles of town planning.
  - d) Why are surveys carried out. What are chief objects of survey?
  - e) What factors do you consider in transportation planning of a town.
  - f) What do you understand by vital surveys?

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(1)

[Contd...

2. Attempt any four parts of the following : (3.5x4=14)
- (a) What do you understand by concept of habitat? How environmental pollution does affects it?
  - (b) Discuss the merits of satellite town? Why the concept of satellite towns has been developed?
  - (c) What is the main problem of metropolis? What proposal do you suggest to solve it?
  - (d) What are essential features of a neighbourhood Unit? Compare it with Indian concept of Mohallas.
  - (e) Give a brief History of Indian Architecture? What are impacts of Moughal Architecture upon it.
  - (f) Discuss Garden city movement in view of three magnets?
3. Attempt any two parts of the following: (6x2=12)
- (a) What do you understand by F.S.I.? Mention the items which are not considered in computing F.S.I.
  - (b) What are light planes? What is their importance?
  - (c) What are various principles of architectural design?
4. Attempt any two parts of the following: (6x2=12)
- a) Draw conventions of (a) Timber (b) glass (c) Doors (d) R.C.C.
  - (b) What do you understand by first angle projection? How many minimum views are required to depict any building?
  - c) What are functional requirements of a school building?