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**ANNA UNIVERSITY :: CHENNAI**

**(UNIVERSITY DEPARTMENTS)**

**B.E / B.Tech ( Full Time ) DEGREE END SEMESTER EXAMINATIONS, APRIL / MAY 2013**

CIVIL Engineering

Seventh Semester

**CE 9406 – ARCHITECTURE AND TOWN PLANNING**

(Regulation 2008)

Time: 3 Hours

Answer ALL Questions

Max. Marks 100

**PART-A (10 x 2 = 20 Marks)**

1. Write a short note on Symmetry.
2. Define Architectural design.
3. Give side setbacks as per Chennai DCR for multistory buildings.
4. Mention any four factors to be considered in site analysis.
5. List any four fire safety norms for commercial buildings.
6. For a residential building, what is the maximum height permissible?
7. List the major climatic types.
8. How can energy be saved by passive measures? Mention any two.
9. List the different landuses and the colours used to represent them.
10. Define Landscape design

**Part – B ( 5 x 16 = 80 marks)**

11. Elaborate on the different types of Spatial Organisations
12. a) What are the different survey methods? Discuss in detail about any two.  

**OR**

b) List the various parameters given in the D.C.R. Also elaborate on the conditions that an institutional building needs to follow.
13. a) Discuss in detail about the various services required for a building and the importance of integrating them.  

**OR**

b) How important is interior design? Give reasons.
14. a) What are the considerations for designing a building in Chennai's climate?  

**OR**

b) Write a detailed essay on the green building movement.

7. a) Write detailed notes on the following
- i) Zoning Regulations (8)
  - ii) Urban Renewal (8)

**OR**

- b) Planning involves allocation of resources efficiently. Elaborate.