

**B.Tech. Degree III Semester (Lateral Entry)
Examination, April 2003**

CE 305 HABITAT ENGINEERING

Time: 3 Hours

Maximum Marks: 100

- I. What are the different climatic regions of the world? Explain salient features of each region. (20)
- OR**
- II. Write short notes on:
 (i) Effect of topography and vegetation on micro climate.
 (ii) Heat balance of human body.
 (iii) Humidity (20)
- III. With suitable sketches explain how size and position of openings affect air movement inside a building. (20)
- OR**
- IV. Write short notes on:
 (i) Natural and artificial ventilation.
 (ii) Requirements of a good ventilation system.
 (iii) Factors affecting human comfort. (20)
- V. Discuss the various measures to be taken in the design of buildings against earthquakes. (20)
- OR**
- VI. Explain the methods for termite and fungal protection in buildings. (20)
- VII. Discuss the role of financial agencies in the implementation of housing schemes. What are the basic requirements of such agencies? (20)
- OR**
- VIII. Write short notes on:
 (i) Housing need and housing supply
 (ii) Slum improvement schemes
 (iii) National housing policy (20)
- IX. Write short notes on:
 (i) Town planning act
 (ii) Housing requirements of different members
 (iii) Land Acquisition Act (20)
- OR**
- X. Explain the various cost-effective technologies. How they affect the cost reduction in construction? (20)

