

B.Tech Degree III Semester Examination November 2002

CE 305 HABITAT ENGINEERING (1999 Admissions onwards)

Time: 3 Hours

Max. Marks: 100

- I. Write short notes on :
- (i) Solar Radiation.
 - (ii) Long wave radiation to the sky.
 - (iii) Thermal balance of earth.
 - (iv) Macro climate and Micro climate. (5+5+5+5 = 20)
- OR**
- II. Discuss the peculiarities of 'Hot dry desert climate'. (20)
- III. What is Ventilation ? Write in detail about Natural Ventilation. (20)
- OR**
- IV. Discuss on the air properties that influence comfort and health of human beings. (20)
- V. Discuss the various methods used for termite and fungal protection in design of buildings. (20)
- OR**
- VI. Discuss the measures to be taken for the protection of buildings against seismic forces. (20)
- VII. Discuss the magnitude of housing problem in India. (20)
- OR**
- VIII. Describe the various financial institutions for housing in India. (20)
- IX. Describe the various cost effective techniques for walls and floors. (20)
- OR**
- X. Write short notes on :
- (i) Building bye-laws.
 - (ii) Rural and Urban housing.
 - (iii) Appropriate technology.
 - (iv) Land Acquisition Act. (5+5+5+5 = 20)

