

2007 ANDHRA UNIVERSITY
II YEAR B.E./B.TECH DEGREE EXAMINATIONS
BUILDING PLANNING AND DESIGN
(CIVIL ENGINEERING)

TIME: 3 HOUR
MARK: 75

1. a) Give the sizes of plots for the different income groups in India
- b) What is the significance of the principle of flexibility in a building ?
- c) What comfortable conditions are to be created in a building of humid tropics ?
- d) Explain Anthropometrics with two sketches.
- e) Draw Conventional Symbols for the following
 - i) Plaster ii) Glass iii) Stone
2. a) Explain the factors to be considered in the selection of site for a Residential Building.
- b) Distinguish between detached and semi detached houses.
3. a) Define Orientation. What are the important points for good orientation of the buildings in a tropical climate ?
- b) Define Ventilation ? What are the types of Ventilation ?
4. Write a brief note on
 - i) Aspect
 - ii) Grouping
 - iii) Circulation in buildings.
5. a) How are buildings classified according to building byelaws ?
- b) Explain with neat sketches the purpose and requirements of the following rooms i) Kitchen ii) Dining