

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
FACULTY OF ARCHITECTURE AND QUANTITY SURVEYING

**DEPARTMENT OF ARCHITECTURE**  
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE

PART III FIRST SEMESTER EXAMINATIONS – DECEMBER 2002  
**AAR 3106 URBAN PLANNING AND DESIGN I**

**Instructions**

**Time : 3 Hours**

Answer **Question 1** and any **three** of your choice.  
Use free hand sketches as much as possible in answering the questions.

**QUESTION 1 - Compulsory**

- a) Define urbanism and physical planning. [5]
- b) Write the name of different types of urban communities and define them with examples. [8]
- c) State the general characteristics of classic cities with appropriate examples. [12]

**QUESTION 2**

- a) What is industrial revolution? How does industrial revolution bring changes to urban or city design? Discuss with appropriate examples the impact on cities. [3 + 10]
- b) Define the following. Briefly describe them with examples.
- i) The Garden City
- ii) Model town [4 + 8]

**QUESTION 3**

Write short notes on :-

- The landmark
- The Greenbelt Town
- The Educational Park
- The freeway
- Types of shopping Centres [25]

**QUESTION 4**

- a) State the recommendations of the American Institute of Planners in 1977 and explain those recommendations. [15]
- b) What are the roles and responsibilities of a planner? [5]
- c) What is a garden apartment? Briefly describe its characteristics. [5]

**QUESTION 5**

- a) What is zoning in city planning? Explain with examples. [5]
- b) Describe the types of urban recreational space with examples. [10]
- d) Define the following and explain them with examples.
- i) comprehensive plan
  - ii) master plan [5+5]