

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 – JANUARY 2004
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. Explain the historical background of urbanism. [8]
- b) Describe the general characteristics of ancient cities with appropriate examples. [17]

QUESTION 2

- a) Name the public spaces in the classic cities with appropriate description of public activities in those urban spaces. [12]
- b) Le Corbusier and Frank Lloyd Wright contributed towards the search for efficient city forms in Twentieth Century – describe their contributions to urban design. [13]

QUESTION 3

Write short notes on:

- a) Hippodamus
- b) The Utopians
- c) The Density Equation
- d) The Satellite Garden Town
- e) The Garden Apartment [5 x 5 = 25]

QUESTION 4

- a) Industrial revolution caused a lot of environmental pollution to the neo classical Urban Life. Describe the negative impacts of industrialization on neoclassical urban environment with appropriate examples. [15]
- b) What are the roles of a planner in social welfare? [10]

QUESTION 5

- a) What is land use plan? Explain. [5]
- b) What are the contributions of land use plan in the development of the city? [10]
- c) Describe different types of Freeway road system with illustrations. [10]