

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

DEPARTMENT OF ARCHITECTURE  
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE

PART III SUPPLEMENTARY EXAMINATIONS – AUGUST 2004  
AAR 3106 – URBAN PLANNING AND DESIGN I

***Instructions***

***Time : 3 Hours***

***Answer any four questions***

***Use free hand sketches as much as possible in answering the questions.***

**QUESTION 1**

- a) “The concept of urbanization started from the cave” – explain the statement in the light of political, social and economic background of ancient civilization with appropriate examples. [15]
- b) Describe briefly the civic facilities of the ancient Athens. [10]

**QUESTION 2**

- a) How did industrial revolution influence urban transportation, communications and the public health? [18]
- b) What is model town? Briefly describe the characteristics of model town with appropriate example. [7]

**QUESTION 3**

Write short notes on:

- a) Overzoning
- b) Neighbouringhood
- c) Downtown
- d) Misuse of landuse plan
- e) Urban Parking [5 x 5 = 25]

**QUESTION 4**

- a) What is greenbelt town? Describe the characteristics of green belt town with appropriate examples. [10]
- b) What is the freeway? List and explain the types of freeway road system in the developed urban area. [15]

**QUESTION 5**

- a) What is educational park? Describe the concept and the characteristics of educational park with appropriate examples. [10]
- b) List and briefly explain the general categories of shopping centers. [10]
- c) Traffic pollution is a major problem in the urban centers – discuss the possible solutions of this problem. [5]