

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]