

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
FACULTY OF THE BUILT ENVIRONMENT

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

PART III - FIRST SEMESTER EXAMINATIONS – JANUARY 2008  
**BAR 3106 – URBAN PLANNING AND DESIGN I**

**Instructions**

**Time: 3 Hours**

***Answer ALL Questions***

***Use freehand sketch as much as possible in answering the questions.***

**QUESTION 1**

(a) “The concept of Urbanism started from the cave” – Explain the above statement in the light of historical background of urbanism. *10 marks*

(b) Urban settlements emerged for various reasons; name the different types of cities with the use of appropriate examples and descriptions. *10 marks*

**QUESTION 2**

Explore the similarities and the differences between the following types of cities.

- i. Capital city
- ii. African city
- iii. Industrial city
- iv. Garden city

*20 marks*

**QUESTION 3**

a) Briefly explain the concept of urban morphology (shape) of cities reveal their history? Give examples from cities that you have studied.

b) Explain with examples how urban morphology reveals the origins and development of cities. *15 marks*

**QUESTION 4**

a) What is the basis for public planning and what is the planner’s role in the process. *10 marks*

b) Why were the Comprehensive Plan introduced and what was it set out to achieve. *10 marks*

**QUESTION 5**

Describe the following with appropriate examples:-

- a) The density equation
- b) The greenbelt town
- c) Zoning
- d) The educational park

*20 marks*