

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

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

PART I SECOND SEMESTER EXAMINATIONS – DECEMBER 2002  
**AAR 1205 SOCIETY AND THE BUILT ENVIRONMENT II**

**Instructions**

**Time : 2 Hours**

Answer **Question 1** and any other **two** of the remaining questions.  
Illustrate your answers with sketches where appropriate.

**QUESTION 1 - Compulsory**

- a) State and explain five variables of power. [5]
- b) Briefly state factors that led to the formation of pre-colonial towns in Africa. [5]
- c) (i) What do you understand by the term ‘vernacular architecture’? [6]
- (ii) Briefly explain elements of a chiShona kitchen and its location in a musha (homestead). Illustrate giving details and equivalent. ChiShona names where appropriate. [12]
- (iii) Describe key factors that have influenced isiNdebele traditional umuzi (homestead) planning principles and built forms. Illustrate your answer using relevant isiNdebele names where appropriate. [12]

**QUESTION 2**

Power was influential in the social stratification of pre-colonial African societies and this was reflected in the built environment. Discuss giving examples in and outside Zimbabwe. [30]

**QUESTION 3**

What can architects learn from the study of nomadic architecture?

Select two examples of nomadic architecture and describe them. Clearly show how nomadic lifestyles influence nomadic built forms and planning. [30]

**QUESTION 4**

Write a short essay on the impact of European colonisation on traditional architecture and settlement planning in Africa. [30]

**QUESTION 5**

Below is a series of terms relating to religious buildings and sites. Define them using appropriate illustrations.

- |             |               |
|-------------|---------------|
| (a) fetish  | (d) libation  |
| (b) mihrab  | (e) altar     |
| (c) minaret | (f) abosonnan |
- [30]