

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

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

**PART I SECOND SEMESTER EXAMINATIONS – MAY 2005  
AAR1205 – SOCIETY AND THE BUILT ENVIRONMENT I**

**Instructions**

*Time: 2 hours*

*Answer question ONE and ANY other two of the remaining questions  
Illustrate your answers with sketches where appropriate*

**QUESTION ONE (Compulsory)**

- 1(a) Define the following terms and concepts as related to the built environment.
- |       |              |           |
|-------|--------------|-----------|
| (i)   | Power        | [5 marks] |
| (ii)  | State        | [3 marks] |
| (iii) | King         | [4 marks] |
| (iv)  | Civilisation | [3 marks] |
- (b)
- |       |  |            |
|-------|--|------------|
| (i)   | State five lessons that architects can learn from nomadic architecture                   | [5 marks]  |
| (ii)  | Explain briefly, with appropriate illustrations, how religion has influenced built form. | [10 marks] |
| (iii) | State and briefly explain three effects of slavery on the built environment              | [10 marks] |

**QUESTION TWO**

Over the millennia, power has resulted in the stratification of societies and this has been adequately reflected in historical settlements in Africa and elsewhere. Discuss using two African examples with appropriate illustrations.

[30 marks]

**QUESTION THREE**

What do you understand by the term 'vernacular architecture'? Describe factors that have influenced isiNdebele homestead layout and planning principles and built forms. Illustrate your answer using relevant isiNdebele names where appropriate.

[30 marks]

#### **QUESTION FOUR**

“The hoe brings shame upon the house”. This is a Tuareg Adage. Explain how this worldview has shaped and influenced the built environment of nomadic groups giving two African examples to illustrate your answer.

[30 marks]

#### **QUESTION FIVE**

The following are terms and concepts that were encountered in the course. Define them in relationship to the built environment. Use Illustrations where possible.

- |                 |                   |
|-----------------|-------------------|
| (a) nomad       | (b) altar         |
| (c) curvilinear | (d) globalisation |
| (e) fetish      | (f) synthesis     |
| (g) mihrab      | (h) libation      |
| (i) minaret     |                   |

[30 marks]

**The End**

