



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

FACULTY OF THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE

SOCIETY AND THE BUILT ENVIRONMENT 1

AAR 1105

Exam Paper

December 2015

This examination paper consists of 2 pages

Time Allowed: 3 hours

Total Marks: 100

Special Requirements: None

Examiner's Name: Mrs S. T. Katurura

INSTRUCTIONS

1. Answer all Questions
2. All answers should be accompanied by sketches where appropriate

MARK ALLOCATION

QUESTION	MARKS
1.	25
2.	25
3.	25
4.	25
TOTAL	100

QUESTION 1

a. An individual's identity is an indispensable constituent in the development of any community.

i. What is memory? [2]

ii. What is the role of memory in establishing identity? [3]

iii. What is the role of family in establishing a sense of community? [4]

b. 'The Built Form manifests the complex interaction of many factors.' Using examples, show how this is true by explaining some of the factors influencing the formation of different types of the Built Form. [16]

QUESTION 2

i. State any 5 reasons that lead to the development of settlements? [5]

ii. Describe any 5 elements that can be used to illustrate a settlement. [5]

ii. With the aid of diagrams, illustrate any 5 different patterns of rural settlements you have studied. [15]

QUESTION 3

a. In the Shona Culture the location of buildings is determined by proximity to water and the availability of arable land.

ai. Recall any 5 factors that determine the layout of a Shona homestead. [5]

aii. Draw a layout of a typical Shona homestead. [5]

aiii. Sketch and annotate a typical non-residential building found in the homestead to illustrate its functions. [5]

QUESTION 3 (Continued)

b. The Ndebele hut has gone through a series of transformations in its form. Explain with sketches this transformation. **[10]**

QUESTION 4

a. In what ways have different types of land tenure determined the planning and design of buildings. **[10]**

b. In every house plan and settlement layout there are various degrees of privacy. With the aid of sketches, describe and explain them. **[15]**