

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

DEPARTMENT OF ARCHITECTURE
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE

PART V FIRST SEMESTER EXAMINATIONS – DECEMBER 2004
AAR 5105– ENVIRONMENTAL IMPACT ASSESSMENT

Instructions

Time : 3 Hours

*Answer Questions 1 and 2 and Any other TWO Questions.
Each Question carries 25 marks*

QUESTION 1

Using illustrations outline the following:

- a) patterns for arranging plants in landscape design [15]
- b) types of groundcovers [10]

QUESTION 2

- a) Identify the physical properties of materials important in landscape design. [10]
- b) Illustrate possible landscape designs that emphasize focal points of a building. [15]

QUESTION 3

White Cliff suburb near Harare is an example of indiscriminate settlement without Environmental Impact Assessment. How would you have made the difference using Environmental Impact Assessment to avert environmental problems? [25]

QUESTION 4

Describe the major components of an Environmental Impact Statement. Which are the most necessary? Why? [25]

QUESTION 5

Explain how environmental responsibility can be incorporated in a development project of your choice. [25]

QUESTION 6

Why should establishment of industry near a water body be an issue of concern and what you would do to improve the situation? [25]