

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

**DEPARTMENT OF ARCHITECTURE  
BACHELOR OF ARCHITECTURAL STUDIES (HONOURS) DEGREE  
2010-2011 ACADEMIC YEAR**

**PART V – END OF FIRST SEMESTER EXAMINATIONS – JANUARY 2011  
BAR 5105 - ENVIRONMENTAL IMPACT ASSESSMENT**

**Instructions**

*Answer QUESTION 1 and ANY other 3 questions.*

**Duration: 3 Hours**

*Total Marks: 100*

**QUESTION 1**

“Environmental management has become an important issue in the hospitality industry, with a number of hotels adopting sound environmental management practices in response to the growing concerns for sustainable tourism products.” Discuss this statement in relation to the current environmental practises in Zimbabwe. What are the cost-cutting Environmental Management measures that can be adopted by hotels in Zimbabwe. [40]

**QUESTION 2**

You have won a major tender for a land development programme aimed at establishing houses, a school, shopping mall and road infrastructure. Compile the following:

- a. Environmental Impact Statement [10 ]
- b. Management steps to mitigate the impacts. [10]

**QUESTION 3**

What is the role of public participation in EIA. Outline the constraints to public participation in rural areas. [20]

**QUESTION 4**

a. Define the following terms as used in EIA:

- i. Scoping,
- ii. Stakeholder analysis
- iii. Sustainability,
- iv. Mitigation measures,
- v. Compensation

[10]

b. Why is screening necessary in EIA. Give typical examples

[10]

**QUESTION 5**

A major development comprising of a university and a shopping centre has been proposed. Describe how you would carry out an EIA for such a project.

[20]