



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**FACULTY OF THE BUILT ENVIRONMENT**

**DEPARTMENT OF ARCHITECTURE**

**ENVIRONMENTAL IMPACT ASSESSMENT**

**AAR 5105**

**Examination Paper**

**December 2014**

This examination paper consists of 2 pages

**Time Allowed: 3 hours**

**Total Marks: 100**

**Examiner's Name: E. Mangore**

**INSTRUCTIONS**

1. Answer any four (4) questions

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	25
2.	25
3.	25
4.	25
5.	25
<b>TOTAL</b>	<b>100</b>

### **QUESTION 1**

- a. Explain the purpose and objectives of carrying out an Environmental Impact Assessment (EIA) (10)
- b. Provide an indicative list of scoping activities for a proposed construction project (15)

### **QUESTION 2**

Explain in general the environmental clearance process for large construction projects in Zimbabwe.

### **QUESTION 3**

List and discuss the merits and demerits of the five main impact identification methods in EIA.

### **QUESTION 4**

- a. What is the role of public participation in EIA.
- b. What stages in the EIA process is public participation required.

### **QUESTION 5**

- a. What precaution should be taken at construction sites to minimise exposure to common hazardous construction substances. (10)
- b. Construction sites can be noisy environments. Outline steps that can be taken to reduce noise during the construction phase of a project (15)