



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF THE BUILT ENVIRONMENT**  
**DEPARTMENT OF ARCHITECTURE**  
**ENVIRONMENTAL IMPACT ASSESSMENT**  
**AAR 5105**

**Examination Paper**

**December 2017**

This examination paper consists of 2 pages

**Time Allowed: 3 hours**

**Total Marks: 100**

**Special Requirements: None**

**Examiner's Name: R. Musekwa**

**INSTRUCTIONS**

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

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	20
2.	20
3.	20
4.	20
5.	20
<b>TOTAL</b>	<b>100</b>

### QUESTION 1

- a. Write a detailed Environmental Impact Assessment Report for a new proposed Mining Project in Zimbabwe. (10)
- b. Explain in detail, the impact of the mining activity in Zimbabwe and give comprehensive mitigation measures for each impact. (10)

### QUESTION 2

- a. Explain the role of the Architect in environmental conservation for Construction Projects done in Zimbabwe. (10)
- b. Give at least five (5) examples of local Design Projects which require Environmental Impact Assessment in Zimbabwe. Give reasons. (10)

### QUESTION 3

- a. Discuss the effectiveness of the current Legislation in Zimbabwe in enforcing Environmental Management. (10)
- b. What recommendations would you give to the Environmental Management Agency in Zimbabwe to improve environmental conservation and compliance to standards especially by participants in the built environment? (10)

### QUESTION 4

- a. Experience with EIA review in Zimbabwe has shown that public comment is a critical part of the EIA review process. Discuss. (10)
- b. Explain the necessary steps and procedures taken when the public are against a new proposed development project. (10)

### QUESTION 5

- a. Using an existing local case study, describe the environmental monitoring and evaluation procedures adopted for the project. (10)
- b. Discuss the major differences between screening and scoping in EIA. (10)