



**UNIVERSITY EXAMINATIONS 2013/2014 ACADEMIC YEAR**

**INSTITUTIONAL BASED PROGRAMMES**

**4<sup>TH</sup> YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF  
COMMUNITY DEVELOPMENT AND AGRICULTURE**

**COURSE CODE/TITLE: ECD 400/ARM 307: ENVIRONMENTAL IMPACT  
ASSESSMENT**

**END OF SEMESTER:I**

**DURATION: 3 HOURS**

**DAY/TIME:MONDAY:11.30 TO 2.30 P.M.**

**DATE:14/4/2014 (PL1)**

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**INSTRUCTIONS**

1. Answer **ALL** questions in section **A** and any other **TWO** in section **B**.
2. Marks are indicated in brackets.

**SECTION A: 40 MARKS**

**Question One**

a) Define the following terms as used in EIA and Auditing:

- |                                      |          |
|--------------------------------------|----------|
| i) Sustainable development.          | (1 mark) |
| ii) Environmental Impact Assessment. | (1 mark) |
| iii) Alternatives.                   | (1 mark) |
| iv) Scenarios                        | (1 mark) |
| v) Opportunity cost                  | (1 mark) |

**Question Two**

- a) Give any five objectives for scoping. (5 marks)

- b) Differentiate between the following:
- i) Assessment and evaluation of impacts. (2 marks)
  - ii) Direct and indirect impacts. (2 marks)
  - iii) Significance and significance thresholds. (2 marks)
- c) Define the following concepts as used in EIA and auditing.
- i) Monitoring. (2 marks)
  - ii) Screening. (2 marks)
  - iii) Impact significance (2 marks)

### **Question Three**

- a) Describe the terms: Risk, Hazard and Uncertainty and explain their importance in decision making. (6 marks)
- b) Explain the following concepts as used in EIA and auditing.
- i) Vulnerable communities. (2 marks)
  - ii) State the key information required for a preliminary EIA study. (5 marks)

### **Question Four**

- a) State the key objectives of EIA review. (3 marks)
- b) Define “mitigation” (2 marks)

## **SECTION B: (30 MARKS) – ANSWER ANY TWO questions.**

### **Question Five**

Decision making in Africa frequently fails to adhere to the principles of sustainable development. Discuss. (15 marks)

### **Question Six**

Discuss how public participation in environmental impact assessment can benefit, civil society, developers, practitioners and decision makers. (15 marks)

### **Question Seven**

- a) What are the main objectives of the EIA report? (5 marks)
- b) State and discuss the Millennium Development Goals (5 marks)
- c) Explain the key information necessary for a preliminary EIA study. (5 marks)