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**TECHNICAL UNIVERSITY OF MOMBASA**  
**FACULTY OF APPLIED AND HEALTH SCIENCES**  
**DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES**  
**UNIVERSITY EXAMINATION FOR:**  
**DIPLOMA IN ENVIRONMENTAL SCIENCE.**

**DES / **YEAR II / SEMESTER II****

**AES 2211 ENVIRONMENTAL IMPACT ASSESSMENT & AUDITING**  
**END OF SEMESTER EXAMINATION**  
**SERIES: AUGUST 2018**  
**TIME: 2 HOURS**

***Instructions to Candidates***

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

***This paper consists of two printed pages.***

***Mobile phones are NOT allowed in the examination room***

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**Question One (30 MARKS)**

- a. Define the following terms:
  - i. Impact (1 mark)
  - ii. Activity (1 mark)
  - iii. Programmatic environmental assessment (1 mark)
  - iv. Rapid Environmental Assessment (1 mark)
- b. Outline FIVE major steps in the EIA process. (5 marks)
- c. Outline FOUR categories of environmental critical areas that should be considered in the screening of project location. (4 marks)
- d. List FOUR purposes of IEE (4 marks)
- e. Outline FIVE Criteria for Evaluating Potential Effects of a project during EIA process. (5 marks)
- f. Outline FIVE Importance of scoping in an EIA (4 marks)
- g. List FIVE qualities of assessing areas of ecological importance in EIA process (4 marks)

**Question Two**

Using a well labelled diagram, describe the EIA cycle. **(15 marks)**

**Question Three**

Discuss areas considered during effects classification in EIA. **(15 marks)**

**Question Four**

Discuss possible alternatives that can be used to address project's potential effects. **(15 marks)**

**Question Five**

Describe the contents of Terms of Reference (ToRs) (scoping) in EIA. **(15 marks)**