



**TECHNICAL UNIVERSITY OF MOMBASA**

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FACULTY OF APPLIED AND HEALTH SCIENCES  
DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

**UNIVERSITY EXAMINATION FOR:  
DIPLOMA IN ENVIRONMENTAL SCIENCE.  
DES /YEARII/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:

- |                                     |                 |
|-------------------------------------|-----------------|
| <b>i.</b> Screening                 | <b>(1 mark)</b> |
| <b>ii.</b> Environmental assessment | <b>(1 mark)</b> |
| <b>iii.</b> Scoping                 | <b>(1 mark)</b> |
| <b>iv.</b> Environmental Auditing   | <b>(1 mark)</b> |

**b.** List FOUR environmental crisis that prompted the introduction of EIA. **(4 marks)**

**c.** Outline FOUR functions of EIA and auditing. **(4 marks)**

**d.** Outline the differences between full Environmental Assessment and Initial Environmental Examination (IEE) **(4 marks)**

**e.** Briefly describe THREE proposals where a full scale EIA will be required. **(3 marks)**

**f.** List FOUR screening techniques that can be employed during the EIA process. **(4 marks)**

**g.** Outline THREE sources of information that can be used in the EIA process. **(3 marks)**

**h.** Outline FOUR factors that are attributed to increased awareness about environment audit. **(4 marks)**

**Question Two**

Discuss the key features of a good quality EIA

**(15 marks)**

**Question Three**

Using a well labeled diagram, describe the IEE flow chart

**(15 marks)**

**Question Four**

Discuss areas considered during effects classification in EIA

**(15 marks)**

**Question Five**

Discuss different instruments used in environmental assessments.

**(15 marks)**