

**TECHNICAL UNIVERSITY OF MOMBASA**

**FACULTY OF APPLIED AND HEALTH SCIENCES**

**DEPARTMENT OF ENVIRONMENT OF HEALTH AND HEALTH SCIENCES**

**University Examination for the Degree of Bachelor of Science in Marine Resources**

**Management**

**BSMR 14S / Year 2 / Semester 2**

**Code: AES 4206: Environmental Impact Assessment and Auditing**

**SEMESTER EXAMINATION**

**Series: May / 2016**

**TIME: 2 Hours**

**Instructions to candidates:**

This paper consist of FIVE questions

Answer question ONE (compulsory) and any other TWO questions

**This paper consists of two printed pages**

## QUESTION ONE

### SECTION A:

- a. What is the purpose of an environmental impact assessment?[ 3 marks]
- b. What action does the planning authority have to take on the environmental impact assessment?[ 3 marks]
- c. Explain the term Screening?[ 3 marks]
- d. Who has to carry out the screening opinion?[ 3 marks]
- e. Can a screening opinion still be issued outside of the 3-week timescale? [ 3 marks]
- f. Using the second runway at Jomo Kenyatta International Airport as an example, what do you think are the negotiable and non-negotiable impacts of an airport?[ 3 marks]
- g. What factors are taken into consideration when making a screening opinion? [ 3 marks]
- h. Can the authority change its screening opinion?[ 3 marks]
- i. Briefly explain how Kenya procedural requirements for public participation match the level of participation set out in the introductory section to the EIA Directive?[ 3 marks]
- j. What factors accounted for the more successful treatment of cumulative effects in the Tudor Estuary case study in Mombasa city?[ 3 marks]

### SECTION B:

2. Review the problems which can be associated with post-auditing studies, as set out in NEMA regulations and consider how some of these problems might be overcome? [ 20 marks]
3. Discuss the difference between the EIA and EA (environment impact assessment and environmental audit)?[ 20 marks]
4. Is it necessary to have full knowledge of the environmental effects before making a screening decision on whether EIA is needed? Discuss? [ 20 marks]
5. What do you understand by 'environmental justice'? Discuss? [ 20 marks]