



# **TECHNICAL UNIVERSITY OF MOMBASA**

*Faculty of Applied & Health Sciences*

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

DIPLOMA IN COMMUNITY HEALTH  
(DCH)

**AES 2205**  
**EIA/EA**

SPECIAL/SUPPLEMENTARY EXAMINATIONS

**SERIES:** JULY, 2014

**TIME:** 2 HOURS

### **INSTRUCTIONS TO CANDIDATES:**

-Answer section **A (COMPULSORY)** and any other **TWO** in section **B**  
This paper consists of **TWO PRINTED** pages

### **SECTION A (COMPULSORY) 30 MARKS**

#### **QUESTION 1**

- a) Outline the principles of which mitigation should be based within the EIA process. **(3 marks)**
- b) Explain how EIA is applicable within the concept of sustainable development. **(5 mark)**
- c) Outline the logical steps in the EIA process. **(5 marks)**
- d) Identify key stakeholders in the EIA process. Give reasons for your answer. **(5 marks)**
- e) How does the outcome of the EIA process assist concerned authorities in decision making? **(5 marks)**
- f) What is the role of Environmental Management Plan in the EIA process? **(2 marks)**
- g) Is it necessary to involve the public in the EIA process? Explain your answer. **(2 marks)**
- h) Outline **SIX** principles needed to guide the overall EIA process. **(3 marks)**

**SECTION B: Answer ANY TWO questions from this section.(30marks)**

**QUESTION 2**

- a) What is Environmental Impact Statement (EIS) **(5 marks)**
- b) Discuss what should be contained in Environmental Impact Statement. **(10 marks)**

**QUESTION 3**

Discuss the role of general approach to Strategic Environmental Assessment (SES) **(15 marks)**

**QUESTION 4**

Discuss the key criteria that should be considered when assessing the significance of an environmental impact. **(15 marks)**

**QUESTION 5**

Citing relevant examples, discuss the alternatives available to reduce the potential impacts of environmental projects. **(15 marks)**