



**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/16S/YEAR 2/ SEMESTER 1**

**AES 2207: LAND USE, LAND USE CHANGE AND ENVIRONMENT  
SPECIAL/ SUPPLEMENTARY EXAMINATIONS**

**SERIES: SEPTEMBER 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 1**

- a) Define the following terminologies as used in land use change and resources (5 marks)
- i) Land
  - ii) Communal Land
  - iii) Natural resource
  - iv) pollution
  - v) land Tenure
- b) Highlight ways through which human activities causes land pollution(5 marks)
- c) State the main functions of land (5 marks)
- d) Outline the ways of Land reclamation in Kenya Today (5 marks)
- e) f) Explain any 5 characteristics of land (5 marks)

**QUESTION 2**

Discuss ways through which human beings have impacted on the marine environment

(15 marks)

### **QUESTION 3**

Discuss the impacts of land use change on the following sub-headings.

a). The Environment (10 marks)

b). Human Socio-Economic Sphere (5mks)

### **QUESTION 4**

Discuss the Main characteristics of Land. (15mks)

### **QUESTION 5**

Describe the main types of Land Ownership and land tenure systems (15 marks)