



## TECHNICAL UNIVERSITY OF MOMBASA

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**FACULTY OF APPLIED AND HEALTH SCIENCES.  
DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES  
UNIVERSITY EXAMINATION FOR DIPLOMA IN ENVIRONMENTAL SCIENCE.  
AES 2207 LAND USE, LAND USE CHANGE AND ENVIRONMENT.  
SERIES: AUGUST 2019  
TIME: 2HRS.**

### **Instructions to Candidates**

You should have the following for this examination -*Answer Booklet, examination pass and student ID*

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE (30 mks) is compulsory.

Q1a).Define the following terminologies as used in land use change and resources

- i).Land
- ii).Land Tenure
- iii).Land Tenure (10mks).
- iv).Land Degradation
- v).Land reclamation.

- a) Briefly explain any 4 characteristics of land (4marks)
- b) Highlight the environmental impacts that influence land use resources (4 marks)
- c) State the main functions of land (4 marks)
- d) Outline 4 Rights of an individual towards land ownership (4mks).
- e) Highlight 4 Land Valuation methods commonly practised today.(4mks)

### SECTION B

Q2).Discuss the major impacts on Human activities on marine Environment. (15 marks)

Q3).Discuss four types of land ownership being practiced in Kenya today. (15mks)

Q4).Write Notes on the following characteristics of Land Classification as enshrined in the New 2010 Kenyan Constitution,

- a).Public land (5mks)
- b).Community Land (5mks)
- c).Private Land. (5mks)

Q5).Describe the major causes of land degradation in Kenya. (15 marks)