



---

**TECHNICAL UNIVERSITY OF MOMBASA**

---

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

**UNIVERSITY EXAMINATION FOR:**

**BACHELOR OF SCIENCE IN**

**BSDS//15S/YEAR 2/ SEMESTER 1**

**AES 4232: ENVIRONMENTAL RESOURCE MANAGEMENT**

**END OF SEMESTER EXAMINATION**

**SERIES: DECEMBER 2016**

**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*

---

**Question One (Compulsory)**

- a. Define the following terms (**5marks**).
  - i. Environmental Degradation
  - ii. Natural Resource
  - iii. Resource Depletion
  - iv. Rock cycle
  - v. Organic renewable resource
- b. Describe three (3) general characteristics of Non-Renewable resources (**3marks**).
- c. Describe the properties of metallic resources (**3marks**).
- d. Explain Four (4) forms through which people consume natural resources (**4marks**).
- e. Describe the THREE major threats to Natural resources. (**3marks**).
- f. Describe the importance of wildlife resources. (**5marks**).
- g. Explain the major threats to wildlife resources (**4marks**).

- h.** Identify three (3) economical instruments applied in natural resource management. **(3marks)**

## **SECTION B**

### **Question Two**

Discuss the hindrances to effective natural resource management in Kenya **(20marks)**

### **Question Three**

Discuss the importance, problems and management measures associated with mineral resources in Kenya today **(20marks)**.

### **Question Four**

- A. Discuss the management institutions associated with water resources **(10marks)**.
- B. Discuss management tools that can be used to ensure effective management of Water Resources in the Country. **(10marks)**

### **Question Five**

- A. Discuss the problems of forest resource management **(10marks)**
- B. Discuss the effective management strategies for forest resources. **(10marks)**