

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF  
BACHELOR OF SCIENCE IN NATURAL RESOURCES MANAGEMENT,  
BACHELOR OF WILDLIFE AND ENTERPRISE MANAGEMENT, BACHELOR OF  
SCIENCE IN ECOTOURISM AND HOSPITALITY MANAGEMENT**

**NARE 101: INTRODUCTION TO NATURAL RESOURCES**

**STREAMS: BSC (NARE, WIEM EHM) Y1S1**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 11/12/2014**

**8.30 AM – 10.30 AM**

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**INSTRUCTIONS:**

**Answer All the questions in Section A and any Two in Section B. Section A carries 30 marks and Section B carries 40 marks**

**SECTION A: (30 MARKS) – ANSWER ALL THE QUESTIONS**

**QUESTION ONE**

- (a) Explain two methods of conservation of genetic resources giving examples. [4 marks]
- (b) Explain why natural resources get depleted [2 marks]
- (c) Differentiate environmental conservation from environmental preservation and explain the importance of environmental conservation. [4 marks]

**QUESTION TWO**

- (a) Describe four sustainable utilization of water in a locality [4 marks]
- (b) Explain four fundamental principles that underpin the multiple use management of natural resources. [4 marks]
- (c) Outline two roots causes of environmental resource problems [2 marks]

### **QUESTION THREE**

- (a) Nature has an aesthetic value that can be experienced by humans and other creatures when they are in the natural surroundings. Explain [3 marks]
- (b) Biological resources ensure environmental services in an area. Explain [4 marks]
- (c) Define common property and explain its impact on the property in question? [3 marks]

### **SECTION B – 40 MARKS – ANSWER ANY TWO QUESTIONS**

#### **QUESTION FOUR**

- (a) Explain four conservation strategies for non-renewable resources. [12 marks]
- (b) Discuss the ecological problems associated with grazing. [8 marks]

#### **QUESTION FIVE**

- (a) Explain with examples the types and classification of natural resources. [12 marks]
- (b) Discuss the main obstacles to sustainability in the use of natural resources. [8 marks]

#### **QUESTION SIX**

- (a) Explain the importance of integrated natural resource management [10 marks]
  - (b) Discuss the anthropogenic activities that cause loss of biodiversity in the world. [10 marks]
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