



# TECHNICAL UNIVERSITY OF MOMBASA

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## SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

### SOCIAL SCIENCES

#### UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN DEVELOPMENT STUDIES BSDS Y4S2

AES 4201: COMMUNITY BASED NATURAL RESOURCES MANAGEMENT

**SERIES: DECEMBER 2016**

**TIME: 2 HOURS**

**DATE: 24 Nov 2016**

#### **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.**

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#### **Question One**

- Citing relevant local examples, briefly describe the three main types of natural resources based on exhaustibility. 10 marks
- Outline the four contentious issues at the heart of natural resources based conflicts. 4 marks
- Briefly describe five likely sources of revenue for conservancies. 10 marks
- Briefly describe the rationale behind communal areas management for indigenous resources (CAMPFIRE) in Zimbabwe. 6 marks

#### **Question Two**

Discuss the benefits and costs associated with wildlife within the framework of Community Based Natural Resources Management. Cite relevant examples. 20 marks

#### **Question Three**

- The world is biophysically finite. Discuss the statement making reference to Hardin's "Tragedy of the Commons" 10 marks
- Evaluate the criticism leveled against Hardin's Tragedy of the Commons Model. 10 marks

#### **Question Four**

Discuss the elements that contribute to the success of community based natural resources management.  
20 marks

#### **Question Five**

a) Briefly explain the necessity of conservation as a strategic consideration in the management of natural resources.  
5 marks

b) Citing relevant examples discuss the methods that communities can utilize for soil and water conservation.  
15 marks