

MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS**

**BACHELOR OF SCIENCE- AGRICULTURAL ECONOMICS**

**COURSE CODE: ARE 341**

**COURSE TITLE: NATURAL RESOURCE                                 MANAGEMENT**

**DATE: 5TH JULY, 2017 TIME: 0830 -1030HRS**

**INSTRUCTIONS TO CANDIDATES**

Answer Question **ONE** and any other **THREE** questions

*This paper consists of* ***TWO*** *printed pages. Please turn over.*

**QUESTION ONE**

1. Distinguish between the understanding of a"resource" in an environmental scientist perspectivefrom that of an environmental economist. **(4 marks)**
2. Discuss various strategies for conservation of mineral resources.

 **(8 marks)**

1. Explain seven (7) objectives of forest policy of 1994 in Kenya.

 **(7 marks)**

1. Discuss briefly the production of fish under the following sub sectors in Kenya:
2. Aquaculture **(2 marks)**
3. Inland **(2 marks)**
4. Marine **(2 marks)**

**QUESTION TWO**

1. Discuss five (5) characteristics of renewable natural resources.

 **(10 marks)**

1. What problems are associated with resource allocation in the centrally planned economies? **(5 marks)**

 **QUESTION THREE**

1. Write brief notes on:
2. Soil pollution ; **(2 marks)**
3. Land misuse ; **(2 marks)**
4. Land degradation**; (3 marks)**
5. Discuss briefly the distribution and conservation of wildlife resources in Kenya.  **(8 marks)**

**QUESTION FOUR**

1. Explain the scope of natural resource management.

 **(3 marks)**

1. Discuss the major characteristics of an adequate set of property rights. **(8 marks)**
2. Discuss the major challenges and conflicts in resource use and management.  **(4 marks)**

**QUESTION FIVE**

Discuss the concept of economic development vis-à-vis sustainable development. **(15 marks)**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*