



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2018/2019 ACADEMIC YEAR**

**THIRD YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL  
RESOURCES MANAGEMENT**

**DEPARTMENT OF ENVIRONMENTAL  
STUDIES GEOGRAPHY AND AGRICULTURE**

**BACHELOR ENVIRONMENTAL SCIENCE**

**COURSE CODE: EEM 1200**

**COURSE TITLE: INTRODUCTION TO HUMAN  
ECOLOGY**

**DATE: 6<sup>TH</sup> DECEMBER 2018**

**TIME: 1100 – 1300 HRS**

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**INSTRUCTIONS TO CANDIDATES**

**ANSWER ALL QUESTIONS IN SECTION A (30 MARKS) AND ANY FOUR IN SECTION B  
(40 MARKS)**

**SECTION A: ANSWER ALL QUESTIONS (25 MARKS)**

1. Define the following concepts and terms
  - a. Culture core (2 MK)
  - b. Coevolution vs Coadaptation (2 MK)
  - c. Ethnocentrism vs anthropocentrism (2 MK)
  - d. Environmental determinism vs Environmental Possibilism (2 MK)
  - e. Borrowing by Homology vs Borrowing by Analogy (2 MK)
  - f. Human diversity vs human uniqueness (2 MK)
  - g. Individual learning versus cultural transmission (2 MK)
  - h. Microevolution vs macroevolution (2 MK)
2. Briefly describe in sufficient details, the role of **feedback** on that shaping the behaviour of biological systems from cells to social systems and ecosystems. (4 MK)
3. Briefly discuss the assertion that complex societies are a dilemma (2 MK)
4. Briefly discuss the four-part classification of ideas. (3 MK)

**SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)**

5. In sufficient details discuss the traditional ecological-evolutionary division of societies into technological types. (15 MK)
6. In sufficient details discuss the various ways technology impacts on the environment. (15 MK)
7. Discuss in sufficient details how modern society can embark on a course of ecologically sustainable development. (15 MK)
8. Discuss in sufficient details the environmental impact by pre- and post-industrial societies. (15 MK)

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