

**MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS 2016/2017 ACADEMIC YEAR**

**THIRD YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL RESOURCE MANAGEMENT**

**BACHELOR OF SCIENCE IN WILDLIFE MANAGEMENT**

**COURSE CODE: WLM 362**

**COURSE TITLE: BIOGEORAPHY AND**

**CLIMATE CHANGE**

**DATE: 1st FEBRUARY, 2017 TIME: 11:00AM-1:00PM**

**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions in section **A** and any other **THREE** in section **B.**

***This paper consists of 2 printed pages. Please turn over***

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

1. Define the following terms **(5 marks)**
2. Population
3. Ecosystem
4. Biosphere
5. Ecological niche
6. Corridor
7. Highlight the assumptions of predator prey Voltera principle     **(5marks)**
8. Using examples list and explain types of barriers to animals **(5 marks)**
9. Explain factors that limit distribution of aquatic organisms     **(5marks)**
10. Briefly explain divisions of biogeography **(5 marks)**

**SECTION B: ANSWER THREE (3) QUESTIONS ONLY (45 Marks)**

1. Name and explain the major vegetation zones of east Africa. **(15 marks)**
2. Name and explains ways in which man has destroyed various habitats **(15 marks)**
3. Explain the management of endangered species  **(15 marks)**
4. Discuss geographical realms using examples where necessary  **(15 marks)**

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