



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2017/2018 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: BIOGEOGRAPHY**

**DATE: 20<sup>TH</sup> APRIL 2018**

**TIME: 1100-1300 HRS**

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**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.*

1. Define the following terms **(5Marks)**
  - a) Population
  - b) Ecosystem
  - c) Biosphere
  - d) Ecological niche
  - e) Corridor
2. Highlight the assumptions of predator prey Voltera principle **(5Marks)**
3. Using examples list and explain types of barriers to distribution **(5 Marks)**
4. Name and explain divisions of atmosphere according to difference in temperature and latitude **(5 Marks)**
5. Using examples where necessary explain tundra as a type of biome **(5 Marks)**

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

6. Using Illustration discuss the Concept of Island Biogeography theory **(15 Marks)**
7. Name and explain the major vegetation zones of east Africa **(15 Marks)**
8. Using examples list and explain different biomes of the world **(15 Marks)**
9. Explain the management of endangered species **(15 Marks)**

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