



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT**

BACHELOR OF ARTS IN GEOGRAPHY

COURSE CODE: GEO 315

COURSE TITLE: BIOGEOGRAPHY

DATE: 19TH APRIL 2018

TIME: 1100 - 1300 HRS

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. Briefly discuss the assumptions of island theory **(4 Marks)**
2. List and explain three types of distribution in biogeography **(3 Marks)**
3. Explain ways in which man has destroyed various habitats **(6 Marks)**
4. Climate plays a very important role controlling the geographical distribution of organisms, explain **(3 Marks)**
5. Name and explain four divisions of atmosphere according to difference in temperature and latitude **(4 Marks)**
6. Differentiate between the following terms **(5 Marks)**
 - (a) Historical and Ecological bio-geographers
 - (b) Allopatric and Sympatric population

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

7. Using examples list and explain different biomes of the world **(15 Marks)**
8. Discuss geographical realms using examples where necessary **(15 Marks)**
9. Mara-Serengeti ecosystem is highly synchronized, using relevant examples explain the synchronization **(15 Marks)**
10. Name and explain the major vegetation zones of east Africa **(15 Marks)**

END//