



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2018/2019 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT**

**BACHELOR OF EDUCATION (SECONDARY
OPTION)**

COURSE CODE: GEO 404

**COURSE TITLE: CONSERVATION OF
BIODIVERSITY**

DATE: 10TH DECEMBER 2018

TIME: 0830 - 1030 HOURS

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

1. Write short notes on;
 - a) Biodiversity (2MKS)
 - b) Keystone species (2MKS)
 - c) Conservation (2MKS)
 - d) Ecosystem (2MKS)
 - e) In situ conservation (1MKS)
2. Describe three categories into which biodiversity is be divided and that conservation biologist work to preserve (6MKS)
3. State the objectives of conservation of biodiversity (6MKS)
4. Explain the importance of genetic diversity (4MKS)

SECTION B: ANSWER ANY THREE QUESTIONS

5. Discuss the different types of biome in relation to temperature and rainfall (15MKS)
6. Discuss the strategies for ex-situ conservation (15MKS)
7. Discuss human impact on biodiversity and respective conservation strategies (15MKS)
8. Using specific examples, discuss the International conventions on nature conservation (15MKS)

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