



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2017/2018 ACADEMIC YEAR  
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF TOURISM AND NATURAL  
RESOURCE MANAGEMENT  
BACHELOR OF SCIENCE IN WILDLIFE  
MANAGEMENT**

**COURSE CODE: WLM 464  
COURSE TITLE: CONTEMPORARY ISSUES IN  
WILDLIFE CONSERVATION**

**DATE: 16<sup>TH</sup> APRIL, 2018**

**TIME: 08:30 - 10:30 AM**

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**INSTRUCTIONS TO CANDIDATES**

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

### **SECTION A (25MARKS)**

1. Explain five mechanisms that should be employed to ensure effective management of trans-boundary resources **(5 marks)**
2. Explain five advantages of using ethnoecology in resource conservation **(5 marks)**
3. Define wildlife corridors and explain their functions **(5 marks)**
4. Explain the importance of ex-situ conservation to an endangered wildlife species **(5 marks)**
5. Explain the factors leading to successful invasion **(5 marks)**

### **SECTION B (45 MARKS)**

6. Discuss in details the applications of biotechnology in wildlife management **(15 marks)**
7. Discuss how invasive species affect native wildlife? **(15 marks)**
8. Discuss the impact of climate change on conservation and management of wildlife species **(15 marks)**
9. Discuss general effects of fragmentation on the conservation of biological diversity **(15 marks)**

**END//**