



MAASAI MARA

UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER**

**SCHOOL OF TOURISM & NRM
BACHELOR OF WILDLIFE**

MANAGEMENT

COURSE CODE: WLM 464

COURSE TITLE: CONTEMPORARY

ISSUES IN WILDLIFE CONSERVATION

**DATE: 24TH APRIL 2019
1030 HRS**

TIME: 0830 -

INSTRUCTIONS TO CANDIDATES

Answer **All** the Questions in Section A and any **THREE** IN SECTION B

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

SECTION A: ANSWER ALL QUESTIONS [25 marks]

1) What are the factors (both climate related, and non-climate related) that lead to rising or falling ocean levels? Explain the difference between eustatic and isostatic changes

[5 marks]

2) Outline five mechanisms that can be employed to ensure effective management of trans-boundary resources

[5 marks]

3) How does habitat fragmentation contribute to species extinction?

[5 marks]

4) Outline the uses of biotechnology in wildlife management

[5 marks]

5) What are good predictors of successful species invasion?

[5 marks]

SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)

6) Discuss how island size and distance from mainland affect species colonization and extinction and how this relates to habitat islands such as forest fragments

[15 marks]

7) Provide a detailed account of the applications of biotechnology in wildlife management

[15 marks]

8) Discuss how invasive species affect native wildlife and ecosystems?

[15 marks]

9) Identify species groups most affected by global climate change and discuss why they are more susceptible
[15 marks]

//END