



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2019/2020 ACADEMIC YEAR  
FIRST YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCE AND ANIMAL  
SCIENCES  
CERTIFICATE IN TOURISM AND WILDLIFE  
MANAGEMENT**

**COURSE CODE: CTW 006  
COURSE TITLE: NATURAL HISTORY OF BIRDS &  
MAMMALS**

**DATE: 10/12/2019**

**TIME: 11:00AM - 01:00PM**

**INSTRUCTION TO CANDIDATES:**

Answer question 1, and any other three questions in section B

*The paper comprises of two printed pages. Please turn over*

**Section A: Answer all questions (25 marks)**

1. Highlight 4 characteristics of: (4Marks)
  - i. Mammals
  - ii. Birds
2. Giving examples tabulate birds classification based on feeding adaptation (8 marks)
3. State characteristics of primates (4 marks)
4. State and explain briefly four social organization of the family Bovidae (4 Marks)
5. Name **five** endemic birds to Kenya (5 Marks)

**Section B: Answer any three questions (45 marks)**

**Question 1**

Discuss flight adaptations of birds. (15 marks)

**Question 2**

Giving examples in each case, discuss the orders to which mammalian species are grouped. (15 marks)

**Question 3**

Citing examples briefly identify the socio-economic and ecological benefits of birds and mammals of Kenya (15 marks)

**Question 4**

- i. With examples, briefly explain the threats to the conservation of birds and mammals in Kenya. (10 marks)
- ii. Give remedial interventions that can be used to address these challenges (5 marks)

**//END**