



MAASAI MARA UNIVERSITY
REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
FIRST YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCES**
**CERTIFICATE IN TOURISM AND WILDLIFE
MANAGEMENT**

COURSE CODE: CTW 006

**COURSE TITLE: INTRODUCTION TO NATURAL
HISTORY OF BIRDS AND MAMMALS**

DATE: 15. 4. 2019

TIME: 8.30AM - 10.30AM

INSTRUCTIONS TO CANDIDATES

Answer Question **ONE** and any other **THREE** Questions
This paper consists of 3 printed pages. Please turn over

Question One

- a. Define the following terms: **(10Mks)**
- i. Taxonomy
 - ii. Mammology
 - iii. Evolution
 - iv. Sexual dimorphism
 - v. Endangered species
- b. Give five general characteristics of Birds **(5Mks)**
- c. When identifying birds, what are the five things one needs to take note of. **(5Mks)**
- d. Give 5 reasons why we study Natural history of mammals **(5Mks)**

Question Two

- a. There are certain similarities between the reptiles, birds and mammals that point out those reptiles are the ancestors of both birds and mammals. Give ten (10) of these similarities **(10Mks)**
- b. Describe the General Characteristics of mammals **(5Mks)**

Question Three

- a. Describe five adaptations of birds to flight **(5Mks)**
- b. Explain the several Characteristics used in the identification of mammals **(10Mks)**

Question Four

- a. How are birds adapted to feeding? **(5Mks)**
- b. The order Carnivora has several families. Name 5 of these families with examples at each **(5Mks)**
- c. Give five adaptations of birds to escape predation **(5Mks)**

Question Five

- a. Give five adaptations used by animals to their environment **(5Mks)**
- b. Give five general characteristics of the order primates **(5Mks)**
- c. Explain the Difference between a common Zebra and a Grevy Zebra
(5Mks)

Question Six

- a. In nomenclature Birds are named based of several factors. Give 5 of these naming factors **(5Mks)**
- b. Explain the factors affecting the distribution of birds **(10Mks)**