



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2018/2019 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
DIPLOMA IN TOURISM AND WILDLIFE
MANAGEMENT**

COURSE CODE: NDTW 113

COURSE TITLE: NATURAL HISTORY OF BIRDS

DATE: 26TH AUGUST, 2019

TIME: 1100 – 1300 HRS

INSTRUCTIONS TO CANDIDATES

1. Answer Question **ONE** and any other **THREE** questions
2. Do not forget to write your Registration Number

This paper consists of 2 printed pages. Please turn over.

SECTION A: ANSWER ALL QUESTIONS (25 MARKS)

1. Birds are believed to have evolved from reptiles. Briefly support to this claim. (7 marks)
2. Explain briefly the general characteristics of birds, different from other vertebrates (8 marks)?
3. Explain how would you identify and classify birds? (5 marks)
4. Name 5 bird species you would encounter in Maasai Mara University (5 marks)

SECTION 2: ANSWER ANY 3 QUESTIONS (45 MARKS)

5. Discuss the adaptations that makes birds good fliers (15 marks)
6. Birds exhibit different mating and parental care systems. Explain the 4 mating and parental care systems birds (15 marks)
7. Various birds have seasonal migrations.
 - a) What is migration? (3 marks)
 - b) Discuss the major types of migration occurring in birds (12 marks)
8. Birds are important as they offer ecological functions and economic value. Briefly explain:
 - a) Ecological functions birds offer (5 marks)
 - b) Economic importance of birds (5 marks)
 - c) Threats to bird conservation (5 marks)

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