



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCES, ENVIRONMENTAL  
STUDIES AND AGRICULTURE**

**DIPLOMA IN TOURISM AND WILDLIFE MANAGEMENT**

**COURSE CODE: NDTW 113**

**COURSE TITLE: INTRODUCTION TO NATURAL**

**HISTORY OF BIRDS**

**DATE: 17/5/24**

**TIME:0830-1030HRS**

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## **INSTRUCTIONS TO CANDIDATES**

Section A is compulsory

Answer any **THREE** questions in section B

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

**SECTION A: ANSWER ALL THE QUESTIONS (25MARKS)**

1. Using examples, differentiate between generalist and specialist birds **(2marks)**
2. Name any **FOUR** birds' species conservation status as determined by the International Union for Conservation of Nature (IUCN) **(4marks)**
3. Define the following terms as used in birds reproductive behaviors
  - a) Polygyny **(1mark)**
  - b) Polyandry **(1mark)**
  - c) Social monogamy **(1mark)**
  - d) Polygynandry **(1mark)**
4. Explain any **FIVE** social behavior of birds **(5marks)**
5. Name any **THREE** endemic bird's species occurring in Kenya **(3marks)**
6. Explain what Altricial chicks and Precocial chick mean as used in bird's chicks **(2marks)**
7. Avian migration is the seasonal movement of birds from one region or habitat to another. Give any **TWO** reasons for these movement in birds **(2marks)**
8. Calls in same species of birds have a variety of communicative functions with different calls frequently serving different roles. Name **THREE** specific information that birds use calls to communicate amongst themselves **(3marks)**

**SECTION B: ANSWER ANY THREE QUESTIONS (45 MARKS)**

9. Explain the guides and factors birdwatchers use to enhance their ability to accurately identify birds in the wild **(15marks)**
10. Discuss some of the threats to birds population in their natural habitats **(15marks)**
11. Giving examples, discuss **FIVE** foraging strategies in birds **(15marks)**
12. Discuss the possible conservation efforts that can help restore birds' population and protect their habitats **(15marks)**

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