



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

THIRD YEAR FIRST SEMESTER

**SCHOOL OF NATURAL RESOURCE,
TOURISM AND HOSPITALITY**

**BACHELOR OF SCIENCE IN WILDLIFE
MANAGEMENT**

COURSE CODE: WRM 3117-1

COURSE TITLE: ORNITHOLOGY

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

Section A: Answer all questions (20 marks)

1. Explain the following terms
a) Avifauna (1Mark)
b) Syrinx (1 Mark)
c) Brood parasite (1Mark)
2. Name five birds species occurring in Kenyan that are globally endangered (5 marks)
3. Briefly explain how size and weight of a bird affects it's lifestyle (3 marks)
4. Explain the functions of powder down feather (5 marks)
5. Describe how bird's reproductive system morphological and physiological changes due to flying (4 marks)

Section B: Answer three (3) questions (30 marks)

6. Discuss the values of conserving birds (10 marks)
7. Discuss characters that distinguish birds from other vertebrate groups (10 marks)
8. a) Discuss threats facing conservation of birds in Kenya today (6 marks)
b) Discuss the conservation efforts employed to address birds conservation threats in Kenya (4 marks)
9. Explain the characteristics you would use to differentiate bird species in field (10 marks)