

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
ECOTOURISM MANAGEMENT**

WIEM 343: ORNITHOLOGY

STREAMS: BSC ECOTOURISM MANAGEMENT Y4S2

TIME: 2 HOURS

DAY/DATE: THURSDAY 04/02/2021

5.00 P.M – 7.00 P.M.

INSTRUCTIONS

- **Answer ALL questions in Section A and any TWO questions in Section B.**

SECTION A (30 MARKS)

1. Briefly discuss five challenges you encounter when counting birds within the Mount Kenya forest ecosystem. (5 Marks)
2. Briefly explain five ways in which birds use calls and songs. (5 Marks)
3. Explain briefly five rules to be followed when recording birds in the field. (5 Marks)
4. Highlight five features female birds look for when choosing a mate. (5 Marks)
5. Explain five ways in which behavior repertoires are acquired in birds. (5 Marks)
6. Discuss briefly some of the defense mechanisms employed by birds during an attack. (5 Marks)

SECTION B (40 Marks)

7. Discuss the main threats facing birds communities within TharakaNithi County. (20 Marks)
8. Discuss the main birds features used in identifying birds during bird count. (20 Marks)
9. a) Design a detailed birds census data collection sheet for use during a line transect count. (8 Marks)

b. Describe two methods which you would use in counting birds at Kairini farm. Give advantages of each method (12 Marks)
