



GRETSA UNIVERSITY - THIKA

UNIVERSITY EXAMINATIONS SEPTEMBER - DECEMBER 2021 SEMESTER

CERTIFICATE IN TRAVEL AND TOUR GUIDING

COURSE CODE: CTTG 009

COURSE TITLE: ORNITHOLOGY

DATE: 17 SEPTEMBER 2021

TIME: 8.00 AM – 10.00 AM

INSTRUCTIONS TO CANDIDATES

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **THREE** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

CAUTION: All exam rooms are under CCTV surveillance during the examination period

SECTION A: CUMPULSORY

Question One

- a) Discuss FIVE characteristics of modern birds [10 Marks]
- b) Explain FIVE importance of birds nesting [10 Marks]
- c) Describe the various **adaptation** of birds to flight [10 Marks]
- d) Evaluate the importance of birds in Tourism [10 Marks]

SECTION B: ANSWER ANY THREE QUESTIONS

Question Two

- a) Explain FIVE differences between Archaeopteyx and modern birds [10 Marks]
- b) Discuss the functions of birds feet and legs [10 Marks]

Question Three

- a) Explain FIVE main morphological features of birds [10 Marks]
- b) How is the circulatory system of birds characterized? [10 Marks]

Question Four

- a) Discuss FIVE threats towards birds conservation [10 Marks]
- b) Name Five birds of prey, and FIVE grain eater in Kenya [10 Marks]

Question Five

- a) The muscles of birds have been modified by natural selection to meet the demand of flight.
Discuss FIVE modifications [10 Marks]
- b) Explain how is the circulatory system of birds is characterized [10 Marks]