



GRETSA UNIVERSITY - THIKA

UNIVERSITY EXAMINATIONS JANUARY - APRIL 2021 SEMESTER

CERTIFICATE IN TRAVEL & TOUR GUIDING

COURSE CODE: CTTG 007

COURSE TITLE: HERPETOLOGY

DATE: 10 MAY 2021

TIME: 11.30 AM - 1.30 PM

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: COMPULSORY

QUESTION ONE

- a) Define the following terms:
- i. Ectothermic [2 Marks]
 - ii. Hibernation [2 Marks]
 - iii. Viviparous [2 Marks]
 - iv. Habitat [2 Marks]
 - v. Herpetology [2 Marks]
 - vi. Endotherms [2 Marks]
- b) Explain four types of snake venom. [8 Marks]
- c) List five characteristics of reptiles. [10 Marks]
- d) Describe five mechanisms used by Amphibians for defence [10 Marks]

SECTION B: ANSWER ANY THREE QUESTIONS

QUESTION TWO

- a) Discuss five relevance of the study of herpetology in your profession [10 Marks]
- b) Explain the similarities and differences between birds and reptiles [10 Marks]

QUESTION THREE

- a) Highlight five symptoms of venomous snake bite. [10 Marks]
- b) Discuss the importance of snakes in Kenya [10 Marks]

QUESTION FOUR

- a) Discuss the adaptations of amphibians to both land and aquatic lifestyle [10 Marks]
- b) Describe first aid procedure for a snake bite [10 Marks]

QUESTION FIVE

- a) Give five different orders into which reptiles and amphibians are classified [10 Marks]
- b) Describe five contribution of reptiles and amphibians in Kenya tourism [10 Marks]