



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2021/22 ACADEMIC YEAR
FOURTH YEAR FIRST SEMESTER
MAIN EXAMINATION

**FOR THE DEGREE OF BACHEOR OF AGRICULTURE EDUCATION AND
EXTENSION & BACHEOR OF EDUCATION**

COURSE CODE: SZL 122

COURSE TITLE: VERTEBRATE ZOOLOGY

DATE: 13TH MAY 2022

TIME: 2.00 – 4.00 PM

INSTRUCTIONS TO CANDIDATES

Answer question **ONE** [1] and **ANY** other **TWO** [2] questions
TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over 

KIBU observes **ZERO** tolerance to examination cheating

QUESTION ONE

- [a] Define [i] Systematics [ii] Cladograms [iii] Biogeography [iv] Taxonomy (4mks)
- [b] List four (4) morphological taxonomic attributes (4 mks)
- [c] State two (2) chordate invertebrates subphyla (2 mks)
- [d] Outline four (4) hallmarks of chordates (4mks)
- [e] Distinguish between a territory and a home range (2mks)
- [f] Enumerate four [4] fundamental features of aves (4mks)
- [g] List three [3] sub-classes of Pisces (3mks)
- [h] Explain the circulatory system of an adult amphibian. (5mks)
- [i] How does autotomy provide defense in lizards. (3mks)
- [j] Differentiate between mullerian and batasian mimicry. (2mks)
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2. Describe adaptations of Pisces to their mode of life. (20 mks)
3. Discuss the significance of chordates to human economics (20 mks)
4. Write an essay on class reptilian. (20mks)
5. Describe reproduction in amphibians. (20mks)