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(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2022/2023 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

MAIN EXAMINATION

**FOR THE DEGREE OF B.SC. AGRICULTURE EDUCATION AND
EXTENSION; AGRICULTURAL ECONOMICS AND RESOURCE
MANAGEMENT; AND B.ED. SCIENCE**

COURSE CODE: AAP 121

COURSE TITLE: AGRICULTURAL ZOOLOGY

DATE: 26TH APRIL 2023

TIME: 9 – 11 AM

INSTRUCTIONS TO CANDIDATES

Answer Question 1 and any other TWO.

TIME: 2 Hours

This Paper Consists of 2 Printed Pages. Please Turn Over. ►

Question 1: 30 MARKS (Compulsory)

- i. Define the following terminologies: (10 marks)
- a) Animal;
 - b) Radial symmetry;
 - c) Hermaphrodite;
 - d) Nematocyst;
 - e) Scolex.
- ii. Outline advantages of earthworms in agriculture. (5 marks)
- iii. Explain how mollusks protect themselves against their enemies. (5 marks)
- iv. Describe the 5 types of roundworms that affect human health. (10 marks)

ANSWER ANY TWO QUESTIONS – (20 MARKS EACH)

Question 2. Explain the economic importance of the following animal groups (20 marks):

- a) Cnidarians;
- b) Leeches;
- c) Tapeworms;
- d) Earthworms.

Question 3: Explain the Agricultural importance of insects. (20 marks).

Question 4: Discuss adaptation of birds that make them a unique animal group. (20 marks)

Question 5: Describe the 5 key evolutionary trends of primates. (20 marks).

END