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**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:** 26<sup>TH</sup> APRIL 2023

**TIME:** 9 – 11 AM

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**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