



*(Knowledge for Development)*

# **KIBABII UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**2020/2021 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:** 15<sup>TH</sup> JULY 2021

**TIME:** 9AM – 11AM

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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) Zoology;
  - b) Radial symmetry;
  - c) Larva;
  - d) Hermaphrodite;
  - e) Metamorphosis.
- ii. Describe the reproduction of sponges. **(10 marks)**
- iii. Describe the distinguishing characteristics of mollusks. **(10 marks).**

**ANSWER ANY TWO QUESTIONS – (20 MARKS EACH)**

**Question 2.** Discuss five (5) key adaptations of arthropods. **(20 marks)**

**Question 3:** Explain the importance of insects in Agriculture. **(20 marks).**

**Question 4:** List five (5) types of roundworms and explain how they affect human health. **(20 marks).**

**Question 5:** Discuss the mammalian traits and show the distinguishing traits of the three mammalian lineages. **(20 marks).**

END