



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

MAIN EXAMINATION

**FOR THE DEGREE OF B.SC. AGRICULTURE EDUCATION AND
EXTENSION AND B.ED. SCIENCE**

COURSE CODE: SAB 103

COURSE TITLE: AGRICULTURAL ZOOLOGY

DATE: 1ST AUGUST 2018

TIME: 2 PM – 4 PM

INSTRUCTIONS TO CANDIDATES

Answer question one and any other two.

TIME: 2 Hours

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

Question 1 (compulsory, 30 marks)

- i. Define the following Agricultural Zoology terminologies: (10 marks)
- a). Larva;
 - b). Gemmules;
 - c). Nematocyte;
 - d). Cephalization;
 - e). Scolex.
- ii. Explain the factors contributing to decline of amphibian population. (10 marks)
- iii. Describe the life cycle of *Obelia*. (10 marks).

Question 2.

Discuss the economic importance of the following animal groups (20 marks):

- a). Sponges;
- b). Jelly fish (jellies);
- c). Tapeworms;
- d). Roundworms.

Question 3.

Discuss the adaptations and agricultural importance of insects. (20 marks).

Question 4.

Describe how roundworms affect soil fertility, plant and animal health. (20 marks).

END