



(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2015/2016 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: 4TH MAY 2016

TIME: 2PM – 4PM

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and any TWO in section B.

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

SECTION A. 30 MARKS (ANSWER ALL QUESTIONS)

1. Draw and label an evolutionary tree diagram showing the interrelationships among members of the animal kingdom. (10 marks)
2. Define the following terminologies: (10 marks)
 - a). Monotremes;
 - b). Deuterostomes;
 - c). Protostomes;
 - d). Hermaphrodite;
 - e). Scolex.
3. Describe the life cycle of the Beef tapeworm. (10 marks)

SECTION B. 40 MARKS (ANSWER ANY TWO QUESTIONS – 20 MARKS EACH)

4. Explain the economic importance of the following animal groups (20 marks):
 - a). Sponges;
 - b). Jelly fish (jellies);
 - c). Tapeworms;
 - d). Roundworms.
5. Describe how roundworms affect the following parameters. (20 marks).
 - i. Roundworm and Soil fertility
 - ii. Roundworm and Plant health
 - iii. Roundworm and Animal Health
6. Discuss the Agricultural importance of insects. (20 marks).

END