



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

OPEN, DISTANCE AND E-LEARNING EXAMINATION FOR THE DEGREE BACHELOR OF EDUCATION AND BACHELOR OF SCIENCE

SZL 404: INTEGRATED PEST AND VECTOR MANAGEMENT

DATE: Wednesday 2nd February 2011

TIME: 11.00a.m -1.00p.m

INSTRUCTIONS:

Answer ALL questions in Section A and any ONE question in Section B. Illustrate your answers with diagrams and give examples wherever appropriate.

SECTION A

Answer ALL questions from this section (40 Marks)

1. Outline the effect of *Acanthomia horrida* on pigeon peas.
2. Explain the damage on onion by a named pest.
3. Outline the factors which contribute to serious damage on cabbages by Diamondback moth.
4. Describe hyperparasitism and multiparasitism
5. Explain the following terminologies:
 - a) Antixenosis
 - b) Antibiosis
6. Explain how diversionary stimulo-deterrent strategy is used to control insect pests.

7. a) Explain genetic control method.
 b) Explain the effect of sterilization on somatic cells and exposure of germ cells before gametogenesis.
8. Outline the steps taken when introducing a classical biological control programme.

SECTION B

Answer any ONE question from this section (30marks)

9. Write an essay on the cotton whitefly.
10. Give an account of a named banana pest.