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University Examinations 2022/2023

FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN ENTOMOLOGY

SZB 5152: INTEGRATED PEST MANAGEMENT

DATE: APRIL 2023

TIME: 3 HOURS

INSTRUCTIONS: Answer question *one* and any other *three* questions

QUESTION ONE (20 MARKS)

Discuss the relationships among different components of Integrated Pest Management and highlight the requirements for a successful management program (20 marks)

QUESTION TWO (20 MARKS)

- Discuss methods used in pest forecasting and evaluate their economic significance (10 marks)
- Evaluate the mode of action of pesticides and explain how to minimize problems arising from their use (10 marks)

QUESTION THREE (20 MARKS)

Evaluate the sustainability of specific Integrated Pest Management systems in Kenya (20 marks)

QUESTION FOUR (20 MARKS)

Discuss the types of Host Plant Resistance and explain mechanisms that have been successfully utilized in IPM (20 marks)
