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**University Examinations 2023/2024**

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

**SZB 5103: AGRICULTURAL AND STORED PRODUCTS ENTOMOLOGY**

**DATE: DECEMBER 2023**

**TIME: 3 HOURS**

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

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**QUESTION ONE (30 MARKS)**

Discuss vector borne diseases of crops and stored grains and elaborate on components of their management (20 marks)

**QUESTION TWO (20 MARKS)**

- a) Provide a critical review of grain loss assessment methods in the storage products environment (10 marks)
- b) Discuss how abiotic and biotic factors affect stored products environment (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Cowpea suffers serious pests damage from planting to harvesting. Discuss (20 marks)



MUST is ISO 9001:2015 and



ISO/IEC 27001:2013 CERTIFIED

**QUESTION FOUR (20 MARKS)**

Migrant pests maybe responsible for the critical food insecurity problem and human suffering worldwide. Critically analyse this statement and discuss new developments in migrant pest control in East Africa (20 marks)



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