



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2011/2012
FIRST SEMESTER EXAMINATION FOR THE DEGREE OF
MASTER OF SCIENCE

SZL 571: COMPARATIVE MORPHOLOGY AND
CLASSIFICATION OF INSECTS

DATE: Monday, 28th November, 2011

TIME: 9.00 –12.00 noon

INSTRUCTIONS:

- **Answer any FOUR Questions.**
- **Illustrate your answers with diagrams and give examples where appropriate.**

- Q.1) Describe in detail the derivatives of the insect epidermis, stating their functions.
- Q.2) Discuss the principles of the International Code of Zoological Nomenclature.
- Q.3) Explain in detail the variations in insect antennal morphology.
- Q.4) Describe the anatomy of the insect nervous central system, indicating modifications in advanced insects.
- Q.5) Describe the reproductive organs of a generalized female insects and explain the types of reproduction.