



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
INSTITUTION BASED PROGRAMME
AUGUST SESSION EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE
SZL 572: INSECT PHYSIOLOGY

DATE: Wednesday 28th December, 2011

TIME: 9.00 a.m. – 12.00 p.m.

INSTRUCTIONS

Answer any FOUR questions. Illustrate your answers with diagrams and give examples where appropriate.

1. Write an essay on diversity and functions of pheromones in insects' behavior.
2. Describe in detail the embryonic development of insects from fertilization to gastrulation.
3. Give an account of herbivory among insects and its effect on habitat, plants and soil communities.
4. Write an essay on the composition and functions of insect haemolymph.
5. Explain in detail the nutritional requirements of insects and the symptom of their deficiencies.

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