



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 512: INSECT BEHAVIOUR AND PHYSIOLOGY

DATE: Monday 26th March, 2012

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. Give an account of courtship and mating behaviour in insects.
2. Write an essay on food finding and components of feeding behaviour in insects.
3. Describe the structural functions of the peritrophic membrane in insects.
4.
 - a) Discuss the abnormal reproductive mechanisms in insects.
 - b) Describe the gonotrophic cycles in mosquitoes.
5. Give a concise account of absorption and nutrition in insects.

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