



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 572: INSECT 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. Write an essay on sensory receptors with emphasis on chemoreceptors.
2. Describe the feeding diversity and its significance in insects.
3. Give a detailed account on excretion in insects.
4.
 - a) Describe haemolymph circulation in insects.
 - b) Explain the structure and functions of haemocytes in insects.
5. Discuss the significance of sound in insect communication.

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