



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 572: INSECT PHYSIOLOGY

DATE: Monday 29th November, 2010

TIME: 9.00 a.m. – 12.00 p.m.

INSTRUCTIONS

Answer any FOUR questions. All questions carry equal marks. Illustrate your answer with diagrams and give examples wherever appropriate.

1. Give an account of herbivory among insects and explain its impact on habitat, plants and soil communities.
2. “Composition and functions of insect blood are uniquely diversified”. Discuss this statement.
3. Discuss the importance of pheromones in insect behaviour
4. Write an essay on nutritional requirements of insects.
5. Describe cellular changes in the zygote leading to blastoderm formation in insects.

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