



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 517: ENTOMOLOGICAL TECHNIQUES

DATE: Monday 2nd April, 2012

TIME: 9.00 a.m. – 12.00 p.m.

INSTRUCTIONS

Answer any FOUR questions.

1. Describe electron microscope methods used in preparing specimens for species identification in entomology.
2. Describe in detail insecticide application techniques used in the management of insect vectors.
3. Give an account of the methods for the identification of mammalian blood meals in mosquitoes.
4. Write an essay on xenodiagnosis and ELISA as applied in diagnosis.
5. Discuss in detail conventional light microscopy application to studies of individuals belonging to species complex.

.....