



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

INSTITUTIONAL BASED PROGRAMME

EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 577: HOST PLANT RESISTANCE

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DATE: THURSDAY 2ND SEPTEMBER 2010 TIME: 9.00 A.M. - 12.00 NOON

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INSTRUCTIONS

Answer any FOUR question and illustrate with diagrams where appropriate.
All questions carry equal marks. (120 marks)

1. Discuss the various barriers which plants use to minimize their damage by herbivorous insects.
2. Give an overview of ecological and tolerance types of resistance.
3. Give an account of the evaluation of resistance.
4. Discuss antibiosis and its regulation of population of insects.
5. Explain how abiotic and adaphic conditions affect resistance expression of host plants.