



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

INSTITUTIONAL BASED PROGRAMME (IBP) AUGUST SESSION

EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

SZL 577: HOST PLANT RESISTANCE TO INSECTS

DATE: TUESDAY 3RD JANUARY 2012

TIME: 9.00 A.M -12.00 NOON

INSTRUCTIONS:

Answer any **FOUR** questions. **ALL Questions carry equal marks.**

Illustrate your answers with diagrams and given examples where appropriate.

1. Explain in detail the factors which are considered when assessing plant resistance to insect attack.
2. Discuss the various antixenosis which plants use to minimize their damage by herbivorous insects.
3. Discuss the effects of the insect feeding on anti-biotic plants and how this regulates insect populations.
4. Describe ecological resistance and explain its shortcomings in a plant breeding programme.
5. Give an account of how abiotic factors affect expression of plant resistance to insect pests.