



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF MASTER OF SCIENCE IN BOTANY
(AGROFORESTRY, PLANT ECOLOGY AND PLANT
PATHOLOGY)

MAIN CAMPUS

SBT 853: BIOLOGICAL CONTROL

Date: 26th April, 2016

Time: 11.00 - 2.00 pm

INSTRUCTIONS:

- Answer ALL questions in SECTION A and any THREE in SECTION B.



SBT: 853 BIOLOGICAL CONTROL

Date _____

Time _____

Instructions: Answer ALL questions in section A and any THREE selected from section B

SECTION A: Compulsory questions (90 minutes) (30 marks)

1. How does a host plant resist plant pathogens? (10 marks)
2. Discuss the role of genes in biological control activities. (10 marks)
3. How can you conduct an evaluation procedure of a pest control project? (10 marks)

SECTION B; (90 Minutes) (30 marks)

4. Mention the future prospects and constraints of the mycoherbicidal approach. (10 marks)
5. Discuss the future prospects of use of nematodes as biocontrol agents. (10 marks)
6. Explain the procedure you will use to introduce a biocontrol agent in Kenya. (10 marks)

7. How can you augment your control strategy using an integrated approach?
(10 marks)