



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN PLANT BREEDING

KST 537: BIOSAFETY, ETHICS AND POLICY

DATE: Wednesday 28th March, 2012

TIME: 9.00 a.m. – 12.00 p.m.

INSTRUCTIONS

Answer any FOUR questions (25 marks each).

- 1) Discuss ethical considerations in biotechnological developments and how they impact on advancement of agriculture in Kenya. [25 marks]
- 2) Discuss two international conventions on biosafety and indicate how Kenya's Commitment could impact on agricultural development. [25 marks]
- 3) Discuss in details the principles of the Cartagena Protocol on Biosafety and the SPS agreements. [25 marks]
- 4)
 - a) Discuss how the approach to agricultural biotechnology in developed countries impacts on the policy and decision-making in developing countries. [15 marks]
 - b) Discuss whether the biosafety protocol adequately addresses the particular concerns of the developing countries. [10 marks]
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 - a) Explain the key highlights of Kenya's Biosafety law. [5 marks]
 - b) Discuss briefly the WTO agreements which apply to trade in biotechnology. [5 marks]
 - c) Show why GMOs and LMOs products are controversial. [10 marks]
 - d) Enumerate the advantages and disadvantages of GM, conventional and organic crops. [5 marks]

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