



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

INSTITUTIONAL BASED PROGRAMME (IBP) AUGUST 2010 SESSION

EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE IN

PLANT BREEDING

KST 537: BIOSAFETY, ETHICS AND POLICY

DATE: THURSDAY, 30TH DECEMBER 2010

TIME: 2.00 P.M – 5.00 P.M

INSTRUCTIONS:

ANSWER FOUR (4) OUT OF THE FIVE (5) GIVEN.

EACH QUESTION WILL EARN 25 MARKS.

1. Discuss ethical considerations in biotechnological developments and how they impact on advancement of agriculture in Kenya. **(25 marks)**
2. Discuss two international conventions relevant to biosafety and show how Kenya's commitment to these conventions 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) How might the approach to agricultural biotechnology in developed countries impact on the policy and decision-making in developing countries? **(15 marks)**
(b) Does the biosafety protocol adequately address the particular concerns of developing countries? **(10 marks)**

5. (a) Discuss briefly key highlights of Kenya's Biosafety law. **(5 marks)**
- (b) What WTO agreements apply to trade in biotechnology? **(5 marks)**
- (c) Show why GMOs and LMOs products are controversial. **(10 marks)**
- (d) Show the advantages and disadvantages of GM, conventional and organic crops. **(5 marks)**

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