



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE CROPS IMPROVEMENT AND PROTECTION AND BACHELOR
OF SCIENCE AGRIBUSINESS**

**KRM 304: ENVIRONMENTAL IMPACT ASSESSMENT AND
ENVIRONMENTAL AUDIT**

DATE: Friday, 1st April, 2011

TIME: 8.00 a.m. – 10.00 a.m.

INSTRUCTIONS:

Answer question **ONE** and any other **THREE** questions.

1. a) Explain the following concepts:
 - i) Environmental Impact Assessment
 - ii) Strategic Environmental Assessment
 - iii) Environmental Audit
 - iv) Analytical Strategic Environmental Assessment
 - v) Integrated Environmental AssessmentIn each case, use appropriate examples.

(25 marks)
2. Using an EIA or Environmental audit case you have practically studied,
 - a) Explain the detailed project/plan/activity for what the EIA/EA was conducted.

(5 marks)
 - b) Highlight ten key impacts and mitigation measures.

(5 marks)
 - c) Draw options analysis matrices and give conclusions

(5 marks)
3. a) Excluding field sampling and Lab analysis, discuss the methods for Environmental Assessment.

(9 marks)

b) Discuss field sampling and laboratory analysis of environmental samples. Clearly indicate the key precautions in each stage. Make your presentation with the Kenyan case in mind.

(6 marks)
4. Consultation and public participation is a key aspect of environmental assessment. Discuss its process, justification, methods, merits and demerits.

(15 marks)
5. a) Discuss the legal basis of environmental assessments in Kenya.

(10 marks)

b) Environmental assessments have been a barrier to development in Kenya. Discuss.

(5 marks)