

MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR
THE DEGREE OF MASTER OF SCIENCE IN
ENVIRONMENTAL SCIENCES
(HOMA BAY)

NES 821: ENVIRONMENTAL IMPACT ASSESSMENT AND AUDITING

Date: 4th December, 2011

Time: 9.00 – 12.00 noon

INSTRUCTIONS:

- ◆ Answer ANY FOUR questions.

Q1. Kenya is at present implementing Environmental Impact Assessment (EIA) as per EMCA 1999 and EIA and EA Regulations 2003. Evaluate the merits and demerits of enforcing EIA and EA for all development activities.

[15marks]

Q2. Expound on the role of the following EIA procedures: Screening, scoping, identification and prediction of Environmental Impacts (EIs) and alternatives formulation.

[15 Marks]

Q3. Explain why, when and how public participation and involvement takes place in the EIA process.

[15Marks]

Q4. Select one named EIA technique and show how it is used during the prediction stage in the EIA processes, discussing both its merits and demerits

[15Marks]

Q5. Discuss briefly the role of auditing in Environmental Management

[15Marks]

Q6. Assume you are charged with the responsibility of coordinating an Environmental Impact Assessment of expanding Kisumu Airport to an International Airport status.

a) Give a list of likely environmental parameters to be investigated for possible impacts.

[5Marks]

b) Suggest a possible format for presenting the findings of the EIA study, briefly outlining possible information you would include in each chapter

[5Marks]

c) Suggest an outline of Terms of Reference for Post-auditing after project implementation

[5marks]