



UNIVERSITY OF EMBU

2016/2017 ACADEMIC YEAR

FIRST SEMESTER EXAMINATION

FOURTH YEAR MAIN EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE (AGRICULTURE)

AEC 401: ENVIRONMENTAL AND SOCIAL IMPACT ASSESMENT

DATE: NOVEMBER 29, 2016

TIME: 2:00-4:00

INSTRUCTIONS:

Answer Question ONE and ANY other TWO Questions

QUESTION ONE (30 MARKS)

- a) Under what circumstances is environmental and social impact assessment primarily applied
(3 marks)
- b) Highlights the four phases of environmental and social impact assessment evolution
(4 marks)
- c) State any four significance of environmental and social impact assessment before the commencement of any project.
(3 marks)
- d) The construction of Coal electric power generating plant in Lamu has been suspended following the public outcry. What do think may have resulted into this outcry.
(3 marks)
- e) What role does scoping play during the environmental and social impact assessment
(4 marks)
- f) What makes screening such an important stage of environmental and social impact assessment?
(3 marks)

g) Kenya has discovered offshore oil in Indian Ocean. Briefly highlights the ecological impacts the oil exploration activities may have on the aquatic life.

(5 marks)

h) Outline the recommended table of content of an environmental and social impact assessment report.

(5 marks)

QUESTION TWO (20 MARKS)

Discuss the main drivers of an environmental and social impact assessment.

QUESTION THREE (20 MARKS)

With reference to an hypothetical Irrigation project, outline the process involved in carrying out an environmental impact and social assessment process.

QUESTION FOUR (20 MARKS)

A group of students from University of Embu in their field trip noted that the seven forks hydro project in Embu had caused various social and ecological impacts in the surrounding area. Discuss.

QUESTION FIVE (20 MARKS)

Develop an environmental management plan for the construction of the proposed student hostels in Embu University College to be applied at construction and operation stage of the project.

--END--