

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE

ENSC 805: ENVIRONMENTAL IMPACT ASSESSMENT

STREAMS: MSC ENSC Y1S1

TIME: 3 HOURS

DAY/DATE: TUESDAY 06/08/2019

8.30 A.M. – 11.30 A.M.

INSTRUCTIONS:

SECTION 1: Answer ALL questions (30 marks)

1. Discuss the role of the various stakeholders in the EIA process. (5 marks)
2. Discuss the following as used in environmental impact assessment
 - (a) Screening (4 marks)
 - (b) Scoping (5 marks)
 - (c) Types of monitoring (3 marks)
 - (d) Principles of environmental impact assessment (5 marks)
 - (e) Social impact assessment (3 marks)
3. Differentiate between strategic impact assessment and environmental impact assessment. (5 marks)

SECTION 2: Answer TWO questions (40 marks)

4. Explain the various steps for carrying out an EIA. (20 marks)
 5.
 - (a) Explain the various EIA study tools. (10 marks)
 - (b) Discuss the post project EIA activities highlighting the objectives of each activity. (10 marks)
 6. You are required to carry out an EIA on the proposed development of a sewerage plant. Provide an environmental management and monitoring plan for the adverse effects at the different phases of the project. (20 marks)
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