

CHUKA



UNIVERSITY

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**EXAMINATION FOR THE AWARD OF DEGREE OF
BACHELOR OF SCIENCE IN WILDLIFE MANAGEMENT AND ECOTOURISM**

ENSC 405/ENSC 359: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

STREAMS: BSC (WIEM, NARE, ECOT)

TIME: 2 HOURS

DAY/DATE: MONDAY 03/12/2018

2.30 PM – 4.30 PM

INSTRUCTIONS:

- **Answer ALL Questions in Section I and any other Two in Section B**
- **Do not write anything on the question paper**

SECTION A (30 MARKS)

1. Explain the purpose of Environmental and Social Impact Assessment (ESIA). [2 marks]
2. Highlight the criteria used for screening a proposed project. [4 marks]
3. Outline Kenya's legal framework governing ESIA. [6 marks]
4. Explain the Impact Analysis element in project assessment. [6 marks]
5. Enumerate Techniques used in ESIA to identify impacts. [6 marks]
6. Elaborate on the impact management principles in ESIA. [6 marks]

SECTION B: 40 MARKS

7. (a) Murang'a County has the most rivers in Kenya, used for domestic, irrigation, industrial, hydropower generation. Discuss the key potential impacts of a proposed water project meant to supply Nairobi City County with water from Murang'a. [12 marks]
- (b) Outline the mitigation of the potential impacts in 6a above. [8 marks]

8. (a) Discuss six tools required for decision making in environment and social impact assessment. [12 marks]
- (b) Discuss the role of public participation in decision making regarding development projects. [8 marks]
9. Discuss the contents of the ESIA report. [20 marks]
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