

CHUKA



UNIVERSITY

## UNIVERSITY EXAMINATIONS

### FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN FOOD SCIENCE AND ECOTOURISM MANAGEMENT

ENSC 405: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

STREAMS: BSC ECOT/FOST Y4S2,

TIME: 2 HOURS

DAY/DATE: MONDAY 20/09/2021

2.30 P.M – 4.30 P.M

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#### INSTRUCTIONS

■ Answer all questions in section A and other two in section B

■ Do not write anything on the question paper

#### SECTION A (30 MARKS)

1. (a) Explain the term environmental audit? [2 marks]  
(b) Define the environmental impact. [3 marks]
2. Briefly describe Kenya's legal framework in Environmental and Social Impact Assessment (ESIA) administration. [5 marks]
3. Outline the stages of EIA in chronological order. [5 marks]
4. What determines the significance of an environmental impact? [5 marks]
5. Discuss five impact dimensions and their importance in EIA. [5 marks]
6. Briefly discuss the key follow up activities you would undertake during project operation. [5 marks]

#### SECTION B (40 MARKS)

7. (a) Discuss the key objectives of scoping. [10 marks]  
(b) Discuss principles of minimizing conflicts during public participation? [10 marks]
8. Discuss factors considered when undertaking baseline studies. [20 marks]

9. As an ESIA expert you have been assigned to carry out an environmental and social Impact Assessment (ESIA) study for dairy firm at Chuka University. Identify the range of impacts that you would expect and their mitigation measures. [20 marks]
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