

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE
(NATURAL RESOURCES MANAGEMENT)**

ENSC 359: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

STREAMS: BSC NARE Y3S2

TIME: 2 HOURS

DAY/DATE: THURSDAY 08/07/2021

11.30 A.M – 1.30 P.M

INSTRUCTIONS:

**Answer all in section A and any other two in section B
Do not write anything on the question paper**

SECTION A: 30 MARKS

1. Write short notes on the following terms;
 - (a) Environmental Impact Assessment (EIA) [3 marks]
 - (b) Environmental audit [2 marks]
2. Briefly discuss the matrices as an EIA technique. [5 marks]
3. Write five objectives of scoping. [5 marks]
4. Highlight five impact dimensions and their importance in EIA. [5 marks]
5. State the methods used in screening. [5 marks]
6. Briefly discuss the implications of sustainability for industrial ecology. [5 marks]

SECTION B: 40 MARKS

7. Discuss factors considered when undertaking a baseline study. [20 marks]
8. Discuss the decision making principles as applied in ESIA. [20 marks]
9. (a) Discuss principles of conflict minimization during public participation. [10 marks]
(c) Discuss the terms reference for an environmental audit. [10 marks]