

UNIVERSITY EXAMINATION

CHUKA



UNIVERSITY

RESIT/SPECIAL EXAMINATIONS

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN ENVIRONMENTAL SCIENCE/ NATURAL RESOURCES
MANAGEMENT**

ENSC 359: ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

STREAMS: BSC (ENSC, NARE)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 05/05/2021

2.30 P.M – 4.30 P.M

INSTRUCTIONS:

- i. Answer All questions in Section A and Any Other Two in Section B
- ii. Do not write anything on the question paper

SECTION A: (30 MARKS)

- 1) a. What do you understand by the term ESIA? (2 marks)
b. Define the environmental impact. (3 marks)
- 2) State five principles that govern ESIA application. (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) Discuss five tools used in impact analysis (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. Discuss the decision making principles by the authority. (20 marks).
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