

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
SCIENCE IN ENVIRONMENTAL SCIENCE

ENSC 362: RESEARCH METHODOLOGY IN ENVIRONMENTAL STUDIES

STREAMS: BSC (ENSC) Y3S2

TIME: 2 HOURS

DAY/DATE: FRIDAY 09/7/2021

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer ALL questions in section A and any TWO from section B
- Do not write anything on the question paper

SECTION A (30 MARKS)

1. Briefly discuss cross sectional research design [6 marks]
2. Differentiate snowball sampling from systematic sampling [6 marks]
3. Briefly explain any one method of collecting primary data from respondents [6 marks]
4. Briefly explain the interval level of measurement [6 marks]
5. Briefly explain the features of experimental research [6 marks]

SECTION B (40 MARKS)

6. Using examples, explain any five guidelines to making a good questionnaire [20 marks]
7. (a) Explain any three ways by which a random sample can be selected in simple random sampling design. [12 marks]
- (b) Presently the internet is indispensable in research. Discuss [8 marks]
8. (a) Explain any three methods of determining reliability in the research process [12 marks]
- (b) Using an illustration, explain the guidelines of results presentation using a figure/table [8 marks]