

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATION**

**RESIT/SUPPLEMENTARY / SPECIAL EXAMINATIONS  
EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE OF  
ENVIRONMENTAL SCIENCE**

**ENSC 362: RESEARCH METHODS FOR ENVIRONMENTAL STUDIES**

**STREAMS: BSC. ENSC**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 10/08/2021**

**11.30 A.M - 1.30 P.M.**

**INSTRUCTIONS**

- Answer all questions in section A and any two in Section B
- Do not write on the question paper

**Section A (30 marks)**

1. Briefly discuss any two no-experimental research designs. (6 marks)
2. With examples, differentiate between independent variable from dependent variable. (6 marks)
3. Differentiate between interval and ratio level of measurement. (6 marks)
4. Describe any two internal reliability procedures. (6 marks)
5. Describe any two probability-based sampling designs. (6 marks)

**Section B (40 marks)**

6. The physical library and the internet are sources of literature. Explain the merits of each. (20 marks)
7. a. Explain the different types of research questions. (10 marks)  
b. Discuss any five different forms of observations. (10 marks)

8. Discuss the features of a good questionnaire. (20 marks)

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