

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATION

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

ENSC 362: RESEARCH METHODS OF ENVIRONMENTAL STUDIES

STREAMS: BSc. ENSC (Y3S2)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 5/5/2021

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. Write short notes on
 - a. Independent variable (3 marks)
 - b. Definition of terms (3 marks)
 - c. Grey literature (3 marks)
2. List four non-experimental research designs (4 marks)
3. Differentiate between probability from non-probability sampling (6 marks)
4. Explain the limitations of nominal data when it comes to analysis (6 marks)
5. With an illustration, show the key features of a table used for results presentation (5 marks)

SECTION B: (40 MARKS)

6. a. Explain the different types of hypothesis (10 marks)
b. Discuss the importance of the internet during research (10 marks)

7. a. Discuss the techniques that can be used in defining the research problem (10 marks)
b. Explain any five characteristics of good research (10 marks)
8. a. With examples, discuss the different types of research questions (10 marks)
b. Discuss internal and external reliability (10 marks)
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