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KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
THIRD YEAR, FIRST SEMESTER EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION(ARTS)
KGE 2308 AIRPHOTO INTERPRETATION AND RESEARCH

Date: 15th August 2024
Time: 11.30am-1.30pm

INSTRUCTIONS TO CANDIDATES:

Sketch maps and diagrams should be used whenever they serve to illustrate an answer

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Explain how the following 'keys' help in air photo interpretation.
- i) Color. (3 marks)
 - ii) Shape. (3 marks)
 - iii) Pattern. (3 marks)
- b) Using an appropriate illustrations describe the **two** major types of aerial photographs. (8 marks)
- c) Explain the term 'geographic research.' (3 marks)
- d) Explain the **five** major activities and processes in any fieldwork. (10 marks)

QUESTION TWO (20 MARKS)

- a) As secondary school teacher, you are required to take your Geography students to Lake Nakuru National Park for fieldwork. Explain why it is necessary to carry out a reconnaissance. (10 marks)
- b) Explain any **five** methods of data collection. (10 marks)

QUESTION THREE (20 MARKS)

- a) Discuss any **five** methods you would use to record data in the field. (10 marks)
- b) Name any five marginal information found on a photograph and explain their purposes (10 marks)

QUESTION FOUR (20 MARKS)

- a) Describe the format that is used in report writing. (12 marks)
- b) Differentiate between a field research and field excursion. (8 marks)

QUESTION FIVE (20 MARKS)

- a) Despite the advantages of fieldwork as a learning experience, there are various problems and constraints that may be experienced. Explain any **five** of these challenges. (10 marks)
- b) Suggest the solutions to the above mentioned challenges. (10 marks)