



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURE
SECOND SEMESTER, 2023/2024
(JANUARY-APRIL, 2024)

AGRO 492: FIELD STUDIES AND EVALUATION

STREAM: Y4 S2

TIME: 2 HOURS

DAY: MONDAY, 12:00 – 2:00 P.M.

DATE: 22/04/2024

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer ALL questions in Section A. Answer any two questions in Section B.***

SECTION A (40 Marks)

1. Explain the following sources of data in field studies
 - a) Primary source (8 marks)
 - b) Secondary source (8 marks)
2. a) What are field studies and why are they carried out? (8 marks)
b) What are the qualities of an effective population sample? (8 marks)
3. a) What do you understand by the terms qualitative and quantitative research? (8 marks)

SECTION B (30 Marks)

4. a) Which are the four research instruments that are used in field studies and evaluation?
b) Explain circumstances under which each one is used. (15 marks)

- 5) Describe what you understand by the following:
- a) Simple random sampling (5 marks)
 - b) Stratified sampling (5 marks)
 - c) Purposive sampling (5marks)
- 6) Describe briefly the following research designs that may be used in a field study
- a) Descriptive survey design (2 marks)
 - b) Experimental design (3 marks)
 - c) Case study design (5 marks)
 - d) Correlational design (5 marks)