



UNIVERSITY EXAMINATIONS

**FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN AGRICULTURE
SECOND SEMESTER 2024/2025
[JANUARY – APRIL, 2025]**

AGRO 492: FIELD STUDIES AND EVALUATION

STREAM: Y4 S2

TIME: 2 HOURS

DAY: THURSDAY, 12:00 - 2:00 P.M.

DATE: 10/04/2025

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer ALL questions in section A and any other TWO in section B.***

SECTION A (30 MARKS)

1. What do you understand by the following terms in research? (10 marks)
 - (i) Population
 - (ii) Sample
 - (iii) Treatment
2. Which one of the following two types of hypotheses is usually tested in a research? (6 marks)
 - (i) Alternative hypothesis
 - (ii) Null hypothesis
3. Of the two methods below, which one is preferable to use in field research and why? (10 marks)
 - (i) Probability sampling
 - (ii) Non-probability sampling
4. List four qualities expected of an effective literature review (4 marks)

SECTION B; (40 MARKS)

5. With illustration, what do you understand by the terms: (20 marks)
 - (i) Independent variable
 - (ii) Depended variable
 - (iii) Intervening variable
6. Describe circumstances under which the following research designs are used: (20 marks)
 - i) Descriptive
 - ii) Experimental design
 - iii) Correlational design

- iv) Case study design
 - v) Cross-cultural design
7. Under which circumstance are the following research instruments used to collect data (20 marks)
- (i) Questionnaire
 - (ii) Interviews
 - (iii) Focus group discussion
8. Explain three ways in which researchers can present data after analysis'