

CHUKA UNIVERSITY
DEPARTMENT OF AGRICULTURAL ECONOMICS, AGRICULTURAL EDUCATION
AND EXTENSION AND AGRIBUSINESS MANAGEMENT
AGED 436: AGRICULTURAL EXTENSION AND RURAL DEVELOPMENT
RETAKE EXAMINATION – 2025

Time: 2 Hours

INSTRUCTIONS:

- Answer **Question ONE (Compulsory)** and **ANY THREE** other questions from Section B.
- Do not write on the question paper

SECTION A: COMPULSORY (25 MARKS)

QUESTION ONE – 30 MARKS

- a) Define agricultural extension and explain its relevance to rural development in Kenya today. (7 marks)
- b) Identify and explain three major **barriers to effective communication** in agricultural extension work. (6 marks)
- c) Discuss **any three roles** of extension agents in promoting sustainable agriculture. (6 marks)
- d) With reference to Kenya, outline the major **types of rural development programs** implemented since independence. (6 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (15 MARKS EACH)

QUESTION TWO – 15 MARKS

- a) Discuss five strategies for improving the adoption of agricultural innovations among farmers. (10 marks)
- b) Explain the role of cooperatives in rural development. (5 marks)

QUESTION THREE – 15 MARKS

- a) Briefly discuss **five key principles** of agricultural extension. (10 marks)
- b) Outline five challenges that rural communities in arid and semi-arid lands (ASALs) face when implementing development initiatives. (5 marks)

QUESTION FOUR – 15 MARKS

- a) Compare and contrast the **Training and Visit (T&V)** and **Participatory Rural Appraisal (PRA)** approaches in agricultural extension. (10 marks)
- b) Outline five key indicators used in evaluating the success of an agricultural extension project. (5 marks)

QUESTION FIVE – 20 MARKS

- a) Describe the importance of monitoring and evaluation in agricultural extension programs. (10 marks)
- b) Describe the key **communication methods** you would recommend for reaching farmers in remote areas and why? (5 marks)