



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

**THIRD YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
SCIENCE IN ANIMAL SCIENCE/ AGRICULTURAL EDUCATION AND
EXTENSION/ AGRICULTURE/ NATURAL RESOURCE MANAGEMENT
SECOND SEMESTER 2023/2024
[JAN – APRIL, 2024]**

AGED 332: PRINCIPALS OF AGRICULTURAL EXTENSION EDUCATION

STREAM: Y3 S2

TIME: 2 HOURS

DAY: WEDNESDAY, 9:00 - 11:00 A.M.

DATE: 03/04/2024

INSTRUCTIONS

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

SECTION A 40 MARKS: ANSWER ALL THE QUESTIONS IN THIS SECTION

SECTION A: (30 Marks) ANSWER ALL QUESTIONS

- Describe the importance of university extension in the growth of agricultural extension (4 marks)
- Discuss how digital economy has influence the change in agricultural extension? (6 marks)
- Discuss farming field school as an extension approach (5 marks)
- Food systems all over the world is influencing climate change, state any negative influences of farming systems? (5 marks)
- Differentiate between the following terms:
 - Adoption and Diffusion of innovations in Kenya. (2 marks)
 - Acquisition extension System **Verses** Delivery Extension System (2 marks)

6. Illustrate the adopter categories of farmers in the Adoption process (2 marks)
7. Give 5 reasons why farmers will not adopt maize planting line technology? (4 marks)

SECTION B (40 Marks) ANSWER ONLY TWO QUESTIONS

8. Classify methods used in Agricultural Extension in teaching farmers about new agricultural technologies, explaining the advantages and disadvantages of each method? (20 marks)
9. Enumerate with a brief explanation the key contemporary roles of an extension agent in the Ministry of Agriculture. (20 marks)
10. The knowledge of general principles of extension is necessary for an extension worker globally. Enumerate these principles of extension education and briefly explain each as it relates to extension work (20 marks)