



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]**

AGEN 341: FARM STRUCTURES

STREAM: Y3 S2

TIME: 2 HOURS

DAY: TUESDAY, 3:00 - 5:00 P.M.

DATE: 18/04/2024

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 (COMPULSORY)

1. i) Define the term farm structure (1mark)
 - ii) Discuss the importance of farmstead planning and layout (10marks)
 - iii) Discuss the importance of farm structures (10 marks)
 - iv) Discuss the factors to consider when designing farm structures (6 marks)
 - v) Explain the use of painting in some farm structures (3 marks)

SECTION B

(ANSWER ONLY TWO QUESTION)

- 2 a) Explain the use of fences in farm structures. (10 marks)

b) Discuss the advantages of five types of fences. (10 marks)

3. a) Discuss the advantages of farm stead planning (5marks)

b) Explain the factors to consider when selecting site for farm structures (10 marks)

c) Discuss the key points to consider when design farm layout (10 marks)

4 a) Explain the factors to consider when selecting materials animals handling structures (10 marks)

b) Discuss the desirable features to consider when putting up crop store (10 marks)

5 a) State any five farm structures used in the and their uses (5 marks)

b) State and discuss tools and materials used erecting fences (10 marks)

c) Explain factors consider when putting up foundation of zero grazing unit (5 marks)