



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2022/2023 ACADEMIC YEAR  
FOURTH YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM NATURAL RESOURCES  
AND HOSPITALITY**

**BACHELOR OF SCIENCE IN ANIMAL HEALTH  
AND PRODUCTION**

**COURSE CODE: AHP 3108-1**

**COURSE TITLE: FARM STRUCTURES AND  
MECHANISATION**

**DATE: 14<sup>TH</sup> DECEMBER, 2022**

**TIME: 1430-1630 HRS**

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**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions

*This paper consists of 2 printed pages. Please turn over*

***Instructions: Answer all questions. Carefully read all questions before attempting them***

1. a) Give **FIVE (5)** classes of construction materials citing an advantage and disadvantage of each class of materials. **(10 Marks)**  
b) List FIVE (5) factors that influence/affect disasters. **(5 Marks)**  
c) Give FIVE (5) classes of farm structures. **(5 Marks)**
2. Explain the considerations made during design and construction of animal housing. **(20 Marks)**
3. Discuss the factors considered in site selection during farmstead planning. **(20 Marks)**
4. Explain the importance of outdoor structures such as fences. **(20 Marks)**
5. a) Highlight the advantages and disadvantages of underground storage. **(20 Marks)**
6. Describe the management of thermal control in ruminant housing. **(10 Marks)**

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