



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2021/2022 ACADEMIC YEAR**

**SECOND YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL  
RESOURCE MANAGEMENT  
BACHELOR OF SCIENCE IN ANIMAL HEALTH  
AND PRODUCTION**

**COURSE CODE: AHP 2107-1**

**COURSE TITLE: PASTURE, FORAGE  
PRODUCTION AND CONSERVATION**

**DATE: 4<sup>TH</sup> APRIL, 2022**

**TIME: 1430-1630**

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**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions

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

***Answer all questions (120 MARKS)***

1. a) Highlight the importance's of legumes in the nutrition of herbivores. **(6 marks)**  
b) Distinguish the various forms of feed provided to herbivorous animals. **(4 marks)**  
c) Define the following terms. **(5 marks)**
  - i) Forage.
  - ii) Fodder tree.
  - iii) Legume.
  - iv) Silage
  - v) Hayb) Give the functions of agroforestry systems. **(5 marks)**
2. Discuss the importance of aflatoxins citing their role and risks in feed contamination. **(20marks)**
3. a) Explain the factors to consider in selection of site for pasture establishment. **(10marks)**  
b) List the factors that are considered in determining the grazing intensity. **(10marks)**
4. Describe the various aspects of pasture management. **(20marks)**
5. Discuss the importance of fungal toxins during feed conservation. **(20marks)**
6. a) Write short notes on the effects of pests and diseases on pastures. **(10 marks)**  
b) Explain the importance of soil compaction in pasture establishment. **(10 marks)**

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