



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2018/2019 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**

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

**DATE: 13<sup>TH</sup> DECEMBER 2018**

**TIME:0830 – 1030 HRS**

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**INSTRUCTIONS TO CANDIDATES**

Answer **ALL** questions

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

## **PASTURE, FORAGE PRODUCTION AND MANAGEMENT (120 MARKS)**

1. a) State the function of the various parts of a plant. **(6 marks)**  
b) Outline the functions of plant tissues. **(4 marks)**  
c) Define the following terms: **(5 marks)**
  - i) Forage
  - ii) Fodder
  - iii) Legume
  - iv) Silage
  - v) Hay
- b) List types of grazed pasture. **(5 marks)**
2. Outline the advantages and disadvantages of haylage. **(20marks)**
3. a) Outline the factors to consider in selection of site for pasture establishment. **(10marks)**  
b) List the factors that influence the grazing intensity. **(10marks)**
4. Discuss fertilizer management in pasture establishment. **(20marks)**
5. a) Describe the effects of prolonged pasture harvesting intervals.  
**(10marks)**  
b) Write short notes on the effects of pests and diseases on pastures. **(10 marks)**

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