



UNIVERSITY OF ESWATINI

2nd SEM. 2018/2019

FINAL EXAMINATION PAPER

**PROGRAMME: B.Sc. AGRONOMY YEAR 3 AND B.Sc. ANIMAL SCIENCE
(DAIRY OPTION) YEAR 3**

COURSE CODE: AS 305

TITLE OF PAPER: PASTURE AND FODDER MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE
CHIEF INVIGILATOR**

QUESTION 1

Good grazing management takes care of both grazing resources and livestock.

Discuss how you could achieve this under the headline:

- (i) Adjusting the number of animals (10 Marks)
- (ii) Rotational grazing. (15 Marks)

QUESTION 2

Why is the presence of water essential in a dairy enterprise? (25 marks)

QUESTION 3

Why is it important to consider the following before planting a pasture species?

- (a) Seed origin (15 Marks)
- (b) Seed size (10 Marks)

QUESTION 4

What are the recommended establishment techniques which favour the sown species over unwanted weed species? (25 Marks)

QUESTION 5

How does seasonal variation affect optimum stocking rate? (25 Marks)