



UNIVERSITY OF SWAZILAND

2nd SEM. 2017/2018

FINAL EXAMINATION PAPER

**PROGRAMMES: B.Sc. AGRONOMY YEAR 3, B.Sc. ANIMAL SCIENCE 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

Write on the significance of sown pastures under the headlines:

- (a) They provide more feed (8 Marks)
- (b) They provide reliable feed supply (10 Marks)
- (c) Sustain higher stocking rate (7 Marks)

QUESTION 2

- (a) Outline the characteristics of a properly prepared seedbed for planting pasture seeds. (25 Marks)

QUESTION 3

- Write short notes on five benefits farmers are likely to get from pasture mixtures fields as opposed to single pasture species fields. (25 Marks)

QUESTION 4

A local dairy farmer wants to establish pastures for his cows but is not sure which grass species to plant. Discuss briefly the factors he needs to consider in selecting a pasture species to plant under:

- (i) Adaptation (5 Marks)
- (ii) Intended use (20 Marks)

QUESTION 5

- (a) Comment on losses during silage making under the headlines:
 - (i) Field losses (10 Marks)
 - (ii) Wastage (15 Marks)