

UNIVERSITY OF FORT HARE

AGP 323

Supplementary Examinations

January 2019

Time : 3 Hours

Subject: Planted Pastures

Marks: 100

This paper consists of 2 printed pages including the cover page

Internal Examiner

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Internal Moderator

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INSTRUCTIONS

1. Answer any **five** questions
2. It is in your best interest to write clearly and legibly

QUESTION 1 (20 MARKS)

Describe the weed management methods used in planted pasture production

QUESTION 2 (20 MARKS)

Giving examples, briefly describe the different types of cultivated pastures that can be grown.

QUESTION 3 (20 MARKS)

(a) Describe the desirable characteristics of planted pasture species suited to grazing. (10 marks)

(b) Briefly explain how rhizobia inoculants can be applied to legume seed. (10 marks)

QUESTION 4 (20 MARKS)

Briefly describe the establishment and management of an agroforestry nursery

QUESTION 5 (20 MARKS)

Briefly explain the following factors considered in selecting pastures species to grow. (8 marks)

(i) Yield [3 marks]

(ii) Persistence [3 marks]

(iii) Ease of propagation [2 marks]

(b) Briefly explain the procedure of conducting a pasture seed purity analysis. [12 marks]

QUESTION 6 (20 MARKS)

1. Write brief notes on the following:

(i) Planted Pastures (2 marks)

(ii) Ley pastures (2 marks)

(iii) Seed scarification. (2 marks)

(iv) Period of absence (2 marks)

(v) Winter pastures (4 marks)

(vi) Vleis pastures (3 marks)

(vii) Period of absence (Rest) (2 marks)

(viii) Period of utilisation (Stay) (3 marks)