

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF CERTIFICATE
IN ANIMAL HEALTH AND PRODUCTION

AGRI 00271: PASTURES AND FODDER PRODUCTION

STREAMS: CERT. ANHE

TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS: Answer all questions in section A and any two questions in section B

SECTION A (40 MARKS)

QUESTION ONE

(a) Explain six conditions influencing development of grassland plant communities

[6

marks]

(b) Explain the two types of scattered tree grasslands

[5 marks]

QUESTION TWO

Explain the challenges facing farmers during pasture and fodder production

[7 marks]

QUESTION THREE

(a) Explain seedbed preparation process and the factors influencing tilth requirement in

pasture establishment

[9 marks]

(b) Distinguish epigeal from hypogeal types of germination

[6 marks]

QUESTION FOUR

Briefly explain seven important roles of pasture

[7 marks]

SECTION B (30 MARKS)

QUESTION FIVE

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(a) Explain the term “mixed pasture stands” and give its advantages and limitations [10 marks]

(b) Explain five factors to consider when establishing mixed stands [5 marks]

QUESTION SIX

(a) Explain three factors that influence quality of hay [9 marks]

(b) Explain the term hay and state five qualities of good hay [6 marks]

QUESTION SEVEN

(a) Explain the concept of zero grazing system and outline its merits and limitations [9 marks]

(b) Explain six reasons for pasture and fodder conservation [6 marks]
