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University Examinations 2015/2016

SECOND YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR IN ANIMAL HEALTH AND PRODUCTION

AAP 3204: PASTURES AND FODDER MANAGEMENT AND CONSERVATION

DATE: NOVEMBER 2015

TIME: 2 HOURS

INSTRUCTIONS: *Answer question one and any other two questions*

QUESTION ONE (30 MARKS)

- a) Define the following terms as used in pasture and fodder crop managements (4 Marks)
- i) Pasture
 - ii) Fodder
 - iii) Forage
 - iv) Photoperiodism
- b) Explain three factors to consider when over sowing pastures (6 Marks)
- c) Outline the symptoms of Napier stunt disease (4 Marks)
- d) State the main aims of pasture and fodder crop established (2Marks)
- e) Explain the factors which should be considered when establishing pasture. (6 Marks)
- f) Define the term seed dormancy (2 Marks)
- g) Explain methods that can be used to break seed dormancy (6 Marks)

(QUESTION TWO (20 MARKS))

- a) Define Silage and explain in detail the steps involved in small scale silage making (10 Marks)
- b) Discuss in detail the factors that affect the quality of silage (10 Marks)

QUESTION THREE (20 MARKS)

- a) Tropical Savanna can be subdivided into various categories. Describe the characteristics of thorn brush and scrub (10 Marks)
- b) Discuss the method a farmer can use to improve an already existing pasture field. (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Define the term forage. Describe the various methods of forage classification and give any five examples in each along with botanical names (10 Marks)
- b) Discuss continuous grazing systems stating two advantages and four disadvantages (10 Marks)