



**UNIVERSITY OF ESWATINI  
RESIT EXAMINATION PAPER  
(2<sup>ND</sup> SEMESTER- 2018/2019)**

**PROGRAMME:** B. Sc. ANIMAL SCIENCE (DAIRY OPTION) YEAR 4

**COURSE CODE:** ASD404/ASD 401

**TITLE OF PAPER:** DAIRY ANIMAL FEEDING

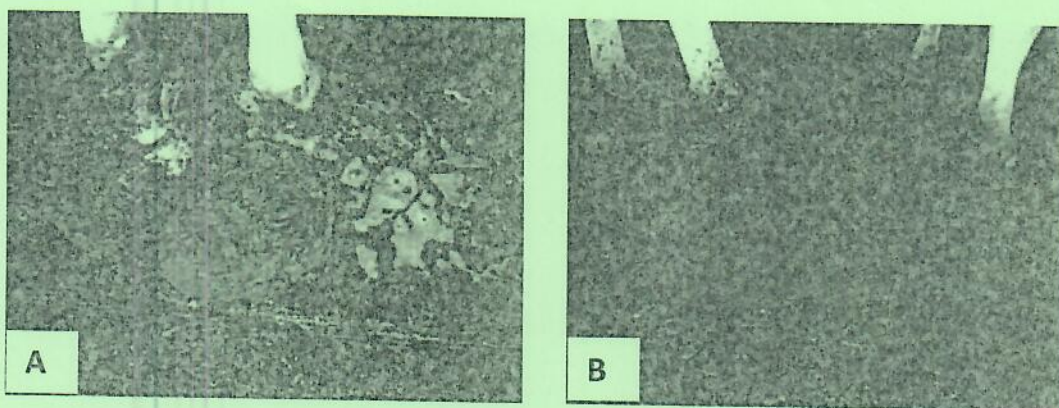
**TIME ALLOWED:** TWO HOURS

**INSTRUCTIONS:** ANSWER ANY FOUR QUESTIONS

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BY THE CHIEF INVIGILATOR**

**QUESTION 1**

- a) Describe in detail the likely feeding regime of the dairy cows whose manure consistency is shown Figure 1. (10 Marks)



**Figure 1:** Manure consistency

- b) Explain in detail how the feeding regime stated above would affect milk composition and milk yield. (15 Marks)

**QUESTION 2**

Discuss the importance of the dry period in the productive life of a dairy cow. Also, describe how cows at this stage of production must be fed. (25 Marks)

**QUESTION 3**

After weaning, most dairy calves are reared as replacement heifers. However, in most dairy farms this group is often neglected whilst most attention is given to the milking herd. Discuss the consequence of this malpractice to the future income of the dairy enterprise. (25 Marks)

170

**QUESTION 4**

Discuss the influence of diet composition on the reproductive success of a dairy cow.

**(25 Marks)**

**QUESTION 5**

Write a comprehensive essay titled, 'Nutrient Requirements of Dairy Cattle'.

**(25 Marks)**