



UNIVERSITY OF SWAZILAND

2ND SEMESTER 2018/2019

FINAL EXAMINATION PAPER

PROGRAMME: B. Sc. ANIMAL SCIENCE DAIRY OPTION YEAR II
B. Sc. ANIMAL SCIENCE DAIRY OPTION YEAR IV

COURSE CODE: ASD204/ ASD403

TITLE OF PAPER: MILKING AND MILK HYGIENE

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY 4 QUESTIONS.

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR

QUESTION 1

Discuss any five improvements in dairy milking systems. (25 Marks)

QUESTION 2

Discuss three types of mastitis found in dairy animals. (25 Marks)

QUESTION 3

- a) Illustrate the internal anatomy of the dairy cow and the dairy goat. (15 Marks)
- b) Explain the internal anatomical advantage of the dairy cow's suitability for milk production over the dairy goat. (10 Marks)

QUESTION 4

Compare and contrast hand milking and machine milking (25 Marks)

QUESTIONS 5

Compare and contrast milk let down and milk hold in the dairy herd. (25 Marks)