



**AFRICA  
UNIVERSITY**  
*A United Methodist-Related Institution*

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**COLLEGE OF HEALTH AGRICULTURE AND NATURAL SCIENCES  
(CHANS)**

**AAS 307 : DAIRY PRODUCTION**

**END OF SECOND SEMESTER FINAL EXAMINATIONS**

**APRIL/MAY 2019**

**LECTURER: .....**

**DURATION: 3 HRS**

**INSTRUCTIONS**

Answer any **FIVE** questions

All questions carry equal marks (20).

DO NOT repeat material.

Write legibly.



# AFRICA UNIVERSITY

## BSc Agricultural and Natural Resources Part III Examination Dairy Production

AAS 307

3 HOURS (100 Marks)

June 2019

### INSTRUCTIONS

Answer any **FIVE** questions. Each question carries **20 marks**.

1. (a) Name any 10 dairy products that you know [10 marks]  
(b) Briefly discuss one calf management system applicable to Zimbabwe [10marks]
2. (a) Explain the importance of complete milking in dairy production. [6 marks]  
(b) Discuss the following processes  
    i. Dry cow management [8 marks]  
    ii. Sources of contamination in a parlor [6 marks]
3. (a) Discuss mastitis as it relates to dairy animals [15 marks]  
(b) Write short notes on dairy microbiology [5 marks]
4. Discuss in detail the relationship between dry matter intake and milk yield in dairy production (you can use a diagram). [20 marks]
5. (a) Briefly discuss any two milking parlours of your choice [15 marks]  
(b) Illustrate the effects of GH on milk production [5 marks]
6. Briefly discuss factors that affect milk yield and composition [20 marks]

End of Exam Paper