



1ST SEM. 2017/2018

UNIVERSITY OF SWAZILAND

RE-SIT EXAMINATION PAPER

PROGRAMME: **B. Sc. ANIMAL SCIENCE &
ANIMAL SCIENCE DAIRY OPTION
II**

COURSE CODE: **ASC213**

TITLE OF PAPER: **LIVESTOCK AND THE
ENVIRONMENT**

TIME ALLOWED: **TWO (2) HOURS**

INSTRUCTIONS: **ANSWER ANY FOUR (4) QUESTIONS.**

**THIS PAPER SHOULD NOT BE OPENED UNTIL THE CHIEF
INVIGILATOR HAS GRANTED PERMISSION.**

QUESTION 1

Discuss the effect of climate change on the availability of feed for livestock production.

(25 Marks)

QUESTION 2

Briefly discuss carbon and the carbon cycle.

(25 Marks)

QUESTION 3

Discuss water requirements in livestock production.

(25 Marks)

QUESTION 4

Write short notes on the following:

- a. FIVE (5) environmental risks associated with slaughter houses.
- b. Effects of climate change on livestock health.

(15 Marks)

(10 Marks)

QUESTION 5

Discuss how green-house gas emissions in the livestock sector can be mitigated.

(25 Marks)