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UNIVERSITY OF SWAZILAND

1st SEM. 2017/2018

FINAL EXAMINATION PAPER

**PROGRAMME: B.Sc. ANIMAL SCIENCE YEAR 1 AND B.Sc. ANIMAL SCIENCE
(DAIRY OPTION) YEAR 1**

COURSE CODE: ASC 101

TITLE OF PAPER: INTRODUCTORY ECOLOGY

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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

QUESTION 1

Write short notes on the five types of consumers, that is, herbivores, carnivores, omnivores, detritivores and scavengers.

(25 Marks)**QUESTION 2**

Give an explanation of what population ecology is all about.

(25 Marks)**QUESTION 3**

Give a complete definition of ecosystems; mention their characteristics and state with example(s) the ecosystem components.

(25 Marks)**QUESTION 4**

(a) Define and illustrate plant succession.

(10 Marks)

(b) What are the similarities and differences between predation and parasitism?

(15 Marks)**QUESTION 5**

Fully describe the part of dormancy called "migration in time".

(25 Marks)