

SIR ARTHUR LEWIS COMMUNITY COLLEGE
 DIVISION OF AGRICULTURE
 ASSOCIATE DEGREE IN AGRICULTURE
 END OF SEMESTER ONE EXAMS
VETERINARY SCIENCE- VET 211



Date: 18th December, 2017

Duration: 2 ½ hrs

Time: 9:00 a.m.

DIRECTIONS: This paper consists of FIVE questions. Answer ALL questions.

1. Disease prevention is a critical part of a livestock producer's duties.
 - a. List FOUR (4) ways, other than vaccination, in which a producer can control or prevent diseases. [4 marks]
 - b. Briefly explain THREE (3) ways in which diseases are transmitted. [6 marks]
 - c. Explain the stages of an infectious disease. [10 marks]
 - d. Copy and complete the following table that refers to vaccines. [10 marks]

Vaccine type	Definition	Advantage	Disadvantage
Modified live		1. 2.	1. 2.
Killed		1. 2.	1. 2.

TOTAL 30

2. A critical part of diagnosing disease is the clinical examination of the animal.
 - a. Define the term diagnosis. [2 marks]
 - b. A clinical examination can be said to consist of three parts. Name them. [3 marks]
 - c. Explain what is involved in each part of the clinical examination. [12 marks]
 - d. State the importance of each part of the clinical examination. [3 marks]

TOTAL 20

3. An animal's immune system plays a critical role in disease prevention and control.

a. Define the term immune system. [2 marks]

b. Explain how the immune system works in preventing and controlling animal diseases. [20 marks]

TOTAL 22

4. Before any treatment is administered to a wounded animal, the type of wound must be determined.

a. Differentiate among ANY FIVE (5) types of wounds. [10 marks]

b. Explain the first aid treatment which must be administered to an injured animal. [10 marks]

TOTAL 20

5. Animal disease must be a concern to any livestock farmer.

a. Differentiate between the following pairs of terms related to diseases. [16 marks]

- i. infectious and contagious
- ii. virulence and pathogenicity
- iii. epidemic and pandemic
- iv. signs and symptoms

b. Define the term zoonosis. [2 marks]

i. Name TWO (2) zoonotic diseases. [2 marks]

ii. For ANY ONE disease named above, provide the following information;

- Host animal [1 mark]
- Causative agent [1 mark]
- THREE (3) signs/symptoms [3 marks]
- THREE (3) treatment measures [3 marks]

TOTAL 28

END OF TEST