



"Investing in Africa's future"

DEPARTMENT OF AGRICULTURE AND NATURAL SCIENCE

AS 305: ANIMAL HEALTH
END OF FIRST SEMESTER EXAMINATIONS

November/December 2019
LECTURER: WASHAYA S
DURATION: 3 HOURS

INSTRUCTIONS

Answer any **FIVE** questions

All questions carry equal marks (20).

DO NOT repeat material.

Write legibly.

Animal Health**3 Hours (100 Marks)****INSTRUCTIONS**Answer any **Five** questions. Each carries **20 marks**

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1. (a) Explain the following terms as they are used in animal health.
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|-------------------------|-----------|
| (i). Zoonosis | [2 marks] |
| (ii) Aetiology | [2 marks] |
| (iii) Epidemiology | [2 marks] |
| (iv) Enzootic stability | [2 marks] |
| (v) Anamnesis | [2 marks] |
- (b) Most calves die of scouring during their early life. Discuss scours as a major cause of calf mortality. [10 marks]
2. Discuss Quarter evil under the following headings:
- | | |
|----------------------------|-----------|
| (a) Etiology | [1 mark] |
| (b) Clinical signs | [8 marks] |
| (c) Necropsy findings | [5 marks] |
| (d) Prevention and control | [6 marks] |
3. (a) List 4 tick borne disease of cattle that you know. [2 marks]
- (b) For each of the diseases listed above state their etiology and host tick that transmits the diseases. [4 marks]
- (c) Briefly discuss clinical signs, prevention, treatment and control of one tick borne disease of your choice. [14 marks]

4 One pig at AU died on the 3rd of October 2019, the animal was taken to the Department of Veterinary in Mutare for a postmortem, the results confirmed Anthrax, discuss this disease under the following headings:

- (a) Etiology [1 marks]
- (b) Clinical sings [4 marks]
- (c) **Necropsy findings** [8 marks]
- (d) Control [7 marks]

5 (a) Write short note on the sings of diarrhea in

- (i) Sick chicks [5 marks]
- (ii) Dead chicks [5 marks]

(b) Discuss IBD (Infectious Bursal Disease) under the following subheadings:

- (i) Etiology [2 marks]
- (ii) Sings and symptom [5 marks]
- (iii) Prevention and control [3 marks]

6. (a) Discuss the causes, prevention and clinical sings of SMEDI, early embryonic Deaths (EED) in sows [10 marks]

(b) Discuss internal parasites in livestock production, highlighting their control measures [15 marks]

7. Discuss Brucellosis under the following headings

- (a) Etiology [1 marks]
- (b) transmission [3 marks]
- (c) Clinical findings [5 marks]
- (d) Necropsy findings [5 marks]
- (e) Treatment and control [6 marks]

_____**END OF PAPER**_____