
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION

ANHE 0232: BACTERIAL AND FUNGAL DISEASES

STREAMS:

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 11/12/2019

8.30 A.M – 10.30 A.M

INSTRUCTIONS

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Describe contagious bovine pleuropneumonia under;
 - (a) Aetiology [1 mark]
 - (b) Occurrence and transmission [2 marks]
 - (c) Pathology and clinical signs [4 marks]
2. Briefly discuss Actinomycosis in cattle under;
 - (a) Aetiology and pathogenesis [2 marks]
 - (b) Clinical signs [4 marks]
 - (c) Treatment [2 marks]
3. Describe foot rot in sheep under;
 - (a) Aetiology and risk factors [2 marks]
 - (b) Clinical signs [4 marks]
 - (c) Treatment [2 marks]
4. Describe aflatoxicosis in domestic animals under;
 - (a) Aetiology and sources of infection [2 marks]
 - (b) Clinical findings [3 marks]
 - (c) Treatment and prevention [2 marks]

SECTION B: ATTEMPT ANY E QUESTIONS (40 MARKS)

5. A poultry flock is showing mass mortalities in chicks and low hatchability in eggs. Some adults died and on post mortem there are multifocal necrotic lesions in the liver.
- (a) What condition do you mostly suspect and its etiology? [2 marks]
 - (b) Outline other clinical signs for the condition name in 5(a) above. [5 marks]
 - (c) Describe treatment and control for the condition. [3 marks]
6. A calf is reported to have itchy lesions on the head and back with some areas of thickened skin without hair.
- (a) What condition do you mostly suspect [1 mark]
 - (b) What other clinical findings would you expect in adult cattle? [4 marks]
 - (c) Describe the laboratory diagnosis of this condition. [2 marks]
 - (d) Describe treatment and control for the condition. [3 marks]
7. There are reports in a certain village of sudden deaths in cattle showing bloody discharges in the body orifices.
- (a) What condition do you mostly suspect and its etiology? [1 mark]
 - (b) What other clinical findings would you expect in this case? [5 marks]
 - (c) What steps should be taken to control the condition? [4 marks]
8. A cow is showing red urine and yellowish milk but the udder is normal and not inflamed.
- (a) What condition do you mostly suspect and its etiology? [2 marks]
 - (b) Outline other clinical findings you would expect in adult cattle. [4 marks]
 - (c) Describe the laboratory diagnosis of this condition. [2 marks]
 - (d) Describe treatment and control the condition. [2 marks]
9. A calf that is bottle fed milk develops white pasty diarrhea with bad smell.
- (a) What condition do you mostly suspect and its etiology [2 marks]
 - (b) Outline other findings you would expect in this condition. [4 marks]
 - (c) Describe treatment and control for the condition. [4 marks]
-