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) Actiology and pathogenesis	[2 marks]	
	(b) Clinical signs	[4 marks]	
	(c) Treatment	[2 marks]	
3.	Describe foot rot in sheep under;		
	(a) Actiology and risk factors	[2 marks]	
	(b) Clinical signs	[4 marks]	
	(c) Treatment	[2 marks]	
4.	Describe aflatoxicosis in domestic animals under;		
	(a) Actiology and sources of infection	[2 marks]	
	(b) Clinical findings	[3 marks]	
	(c) Treatment and prevention	[2 marks]	

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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 ctiology? [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 ctiology? [2 marks] (b) Outline other clinical findings you would expect in adult cattle. [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 ctiology? [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] 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		- , , ,		
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