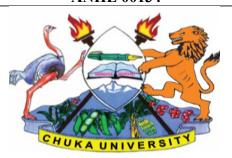
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL HEALTH AND PRODUCTION

ANHE 00134: MICROBIAL DISEASES

STREAMS: CERT. ANHE Y1S1) **TIME: 2 HOURS**

DAY/DATE: WEDNESDAY 07/8/2019 8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

SECTION A: ATTEMPT ALL QUESTIONS

1.	Desc	ribe the general manifestations of bacterial, viral and fungal diseases.	[6 marks]	
2.	Briefly describe East Coast Fever under;			
	(a)	Aetiology and transmission	[2 marks]	
	(b)	Clinical signs	[3 marks]	
	(c)	Treatment	[3 marks]	
3.	Outli	ne clinical signs of Rinderpest in cattle	[5 marks]	
4.	Describe Black leg disease in cattle under;			
	(a)	Aetiology	[1 mark]	
	(b)	Clinical signs	[4 marks]	
5.	Describe Salmonellosis in poultry under			
	(a)	Causes of two salmonella infections in domestic chicken	[2 marks]	
	(b)	Clinical signs of salmonella infections	[3 marks]	
	(c)	Post mortem signs of salmonella infections	[3 marks]	
6.	Describe foot and Mouth disease in cattle under			
	(a)	Aetiology	[1 mark]	
	(b)	Clinical signs	[4 marks]	
	(c)	Treatment and prevention	[3 marks]	

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SECTION B: ATTEMPT ANY 2 QUESTIONS (30 MARKS)

7.	A poultry flock is showing mass mortalities with greenish diarrhea and coughs				
	(a)	What condition do you mostly suspect and its etiology?	[2 marks]		
	(b)	Outline clinical signs for the condition	[5 marks]		
	(c)	Describe steps that should be taken to control the condition	[5 marks]		
	(d)	Describe some post mortem lesions for the condition	[3 marks]		
8.	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 and its etiology	[3 marks]		
	(b)	Outline other clinical findings you would expect in adult cattle	[4 marks]		
	(c)	Describe the diagnosis of this condition	[3 marks]		
	(d)	Describe treatment and control the condition	[5 marks]		
9.	A donkey develops aggressive behaviour after being attacked by feral dogs a week				
	ago				
	(a)	What condition do you suspect and its etiology	[3 marks]		
	(b)	Describe clinical signs of the condition	[6 marks]		
	(c)	Describe the management and diagnosis of this case	[3 marks]		
	(d)	Outline control and preventive measures of the condition	[3 marks]		

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