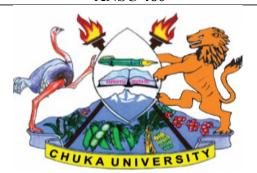
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ANIMAL SCIENCE

ANSC 460: NON-RUMINANT PRODUCTION

STREAMS: BSC (AGRIC) **TIME: 2 HOURS**

DAY/DATE: WEDNESDAY 15/04/2020 2.30 P.M. – 4.30 P.M.

INSTRUCTIONS: Answer all questions in section A and any TWO in section B

SECTION A (30 MARKS)

1.	(a)	List four or two broiler breeds of chicken	[2 marks]
	(b)	Outline the limitations in battery cage poultry production system	[2 marks]
	(c)	Outline a method of maintaining hatching egg quality of domestic fowl	[2 marks]
	(d)	Outline the operational phases of a quail incubator	[2 marks]
	(e)	Describe the construction of a brooder for raising day-old chicks	[2 marks]
2.	(a)	Highlight the advantages of rabbit meat	[2 marks]
	(b)	List two rabbit breeds and describe their body colors	[2 marks]
	(c)	Describe caecotrophy	[2 marks]
	(d)	Highlight one method of rabbit identification	[2 marks]
	(e)	State the principles of selecting a boar	[2 marks]
3.	(a) Describe the action required to carry out the following actions in piglets [2]		s [2 marks]
		(i) To supplement iron	
		(ii) To avoid injury of the teats of the sow	
	(b)	State the advantages of intensive pig production	[2 marks]
	(c)	Outline the functions of a worker bee	[2 marks]
	(d)	Outline the drawbacks of a langstroth hive	[2 marks]
	(e)	List the pests that attach bees and how they are controlled	[2 marks]

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SECTION B (40 MARKS)

4.	(a)	Discuss five (5) factors that affect the egg size of a duck	[10 marks]
	(b)	Discuss five (5) factors that influence rabbit keeping	[10 marks]
5.	(a)	Discuss five (5) methods of minimizing disease spread in pigs	[10 marks]
	(b)	Discuss five (5) factors to consider when sitting an apiary	[10 marks]
6.	(a)	Explain the importance of proper feeding of geese in the tropics	[10 marks]
	(b)	Discuss factors influencing housing of rabbits	[10 marks]

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