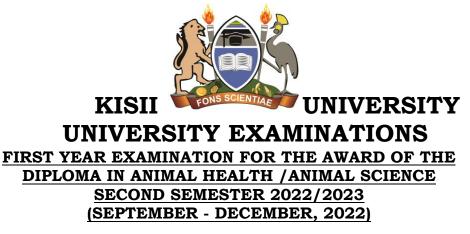
ANSC 0365



ANSC 0365: AQUACULTURE

STREAM: Y2 S2

TIME: 2 HOURS

DAY: THURSDAY, 9:00 A.M – 11:00 A.M DATE: 08/12/2022

INSTRUCTIONS:

1. Do not write anything on this question paper.

2. Answer ALL Questions in section A (Compulsory) and any other TWO Questions in section B.

SECTION A (40MKS) QUESTION ONE

- a) There are 3 types of feeds used for fish feeding, state them and state the type of aquaculture that are used (6marks)
- b) State any two terrestrial plants and two terrestrial animals used in fish feeding (4marks)

QUESTION TWO

a)	Discus	ss the	nutritive v	value of	fish			(4ma	arks)
b)	Discus	s the	reasons fo	or artific	ial recrui	tment o	f fish	(4ma	arks)
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c) Define feed conversation ratio (FCR) (2marks)

QUESTION THREE

For one to formulate a specific feed for a particular fish he/she needs to know the nutritional needs of that fish. State the five nutritional needs of fish

(10marks)

QUESTION FOUR

- a) Discuss the following 3 forms of intensive aquaculture in fish management under RAS system (6marks)
- b) State disadvantages of intensive fish production system (4marks)

QUESTION FIVE

Briefly discuss nine objectives of aquaculture farming (15marks)

QUESTION SIX

- a) Discuss the reasons for fish aquaculture as a source of protein (6marks)
- b) State the characteristics of fish nutritionally which are not common to other animals in terms of diet requirements (6marks)
- c) State three agricultural by products that can be used as supplementary feed for fish (3marks)