

10
AAH 201



University of choice

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER MAIN EXAMINATIONS
FOR THE DEGREE OF BACHELOR OF SCIENCE IN
FISHERIES AND AQUACULTURE**

COURSE CODE: AAH 201

COURSE TITLE: ANIMAL ANATOMY AND PHYSIOLOGY

DATE: 24.04.2023

TIME: 12-2 PM

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and ANY TWO questions in section B

MMUST observes ZERO tolerance to examination cheating

SECTION A: ANSWER ALL QUESTIONS

- a) Name the components of the upper respiratory tract (5 marks)
- b) With examples, give the different classes of sugars (5 marks)
-
- c) Give the dental formula of sheep (5 marks)
- d) Differentiate between a motor neuron and a sensory neuron (5 marks)
- e) Give the different types of hormones based on their chemical structure (5 marks)
- f) List five peptide hormones (5 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

- g) Explain with illustration respiration as it occurs in fish (20 marks)
- h) Discuss digestion as it occurs in ruminants (20 marks)
- i) Discuss the role of glucagon in blood sugar regulation (20 marks)