

UNIVERSITY OF FORT HARE

AGV 221

SUPPLEMENTARY EXAMINATIONS

JANUARY 2019

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.
Time: 3 HOURS

Subject: Module title: Anatomy and Physiology

Marks: 100

This paper consists of 3 pages including cover page

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Internal Examiner: Dr. I. F. Jaja

Instructions

1. Answer any FIVE questions

2. It is in your best interest to write clearly and legibly.

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QUESTION 1:

Write short notes on the following;

- a. Axial skeleton (5 marks)
- b. Appendicular skeleton (5 marks)
- c. Long bone (5 marks)
- d. Bone marrow (5 marks)

QUESTION 2:

- a. Briefly describes the classification of muscles (8 marks)
- b. Using a diagram illustrate the nephron (12 marks)

QUESTION 3:

- a. With annotated diagram, describe the digestive system of sheep (12 marks)
- b. State any 4 hormones produced by the stomach and show their function (8 marks)

QUESTION 4:

- a. Briefly discuss the flow of blood in pulmonary circulation (10 marks)
- b. State the three components of granulocytes (3 marks)
- c. Briefly describe the function of Kidney (7 marks)

QUESTION 5:

- a. Describe the 'Fate' of red blood cells (6 marks)
- b. Briefly describe the structure and functions of goat epididymis (10 marks)
- c. Significance of blood testis barrier (4 marks)

QUESTION 6:

Write short notes on the following;

- a. Male accessory sex glands (6 marks)
- b. Folliculogenesis (7 marks)
- c. Spermatogenesis (7 marks)

END OF PAPER