SUPPLEMENTARY EXAMINATIONS
JANUARY 2019

Time: 3 HOURS

Subject: Module title: Anatomy and Physiology

Marks: 100

This paper consists of 3 pages including cover page

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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)

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**QUESTION 2:**

a. Briefly describes the classification of muscles  
   (8 marks)

b. Using a diagram illustrate the nephron  
   (12 marks)

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**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)

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**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. Foliculogenesis (7 marks)

c. Spermatogenesis (7 marks)

END OF PAPER