



BOWEN UNIVERSITY
(of the Nigerian Baptist Convention)

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE
AGRICULTURE PROGRAMME

COURSE CODE:	ANF 210	COURSE TITLE:	Anatomy and Physiology of Farm Animals
COURSE UNIT:	2	TIME:	2 HOURS
SESSION :	2022/2023	SEMESTER:	SECOND SEMESTER

INSTRUCTION: Answer any four (4) questions, each question carries equal marks

SECTION A

1. Use a well labeled diagram to describe the process of digestion in a named monogastric animal. (25 marks)
2. Describe the reproductive system of an hen using a well labeled diagram. (25 marks)
3. With a well labeled diagram, discuss the process of digestion in a named ruminant animal. (25 marks)

SECTION B

4. a. Describe a tissue with specific examples. (5marks)
4. b. Explain the following:
 - i). Connective tissue
 - ii). Nervous tissue
 - iii). Epithelial tissue
 - iv). Musclar tissue(12marks)
4. c. Give a full description of Epithelia tissue (8marks)
5. a. Using a well labelled diagram describe the structure of the heart (7marks)
- b. Discuss the constituents of blood (8marks)
- c. Enumerate the functions of circulatory system (5marks)
- d. Describe the regulation of blood pressure (5marks)
6. a. Discuss the nervous system and state its functions (12 marks)
- b. Enumerate the major divisions of the brain and state its functions (6marks)
- c. Describe neurons, and enumerate the different types (7 marks)