



*NATIONAL OPEN UNIVERSITY OF NIGERIA*  
*KM4, Kaduna-Zaria Expressway, Rigachikun, Kaduna*  
*Faculty of Agricultural Sciences (FAS)*

*First Semester POP Exam Question (September 2020\_1)*

**COURSE TITLE: ANIMAL HEALTH AND DISEASES**

**COURSE CODE: ANP 506**

**CREDIT UNIT: 2**

**TOTAL SCORE: 70**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTIONS: Answer Compulsory question ONE (25 marks) and any other three questions (15 marks each)**

1. (a) Define predisposing factors to livestock diseases.  
  
(b) Classify and explain the major elements of the factors influencing the health status of animals. **(25 marks)**
2. (a) Discuss the major components of a good diagnosis.  
(b) How can you recognise an animal that is sick? **(15 marks)**
3. (a) Discuss the three major methods of disease transmission  
(b) List the parts of the defence system in animals. **(15 marks)**
4. (a) Differentiate between the following terms in relation to disease
  - i. Prevention and control
  - ii. Incidence and prevalence
  - iii. Endemicity and epidemicity  
(b) Explain quarantine and vaccination as methods of disease prevention **(15 marks)**
5. (a) Clearly describe the types and roles of Immune system in livestock animals  
b) Give the important impact of patho-physiological damage of livestock diseases on the Nigerian livestock industry **(15 marks)**
6. Briefly define/explain the following terms in relation to livestock production: **(15 marks)**
  - i. Infectious or Aetiological agents
  - ii. Bacterial diseases
  - iii. Viral diseases
  - iv. Parasitic diseases
  - v. Metabolic disorders
  - vi. Nutritional diseases