



NATIONAL OPEN UNIVERSITY OF NIGERIA
91, CADASTRAL ZONE, UNIVERSITY VILLAGE, JABI, ABUJA
Faculty of Agricultural Sciences (FAS)

2020_2 Examination

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) Identify the two major factors that can affect the health status of livestock animals and clearly discuss any five elements each of these two factors (22 marks)
(b) List the three major components of diagnosis of health conditions in livestock animals (3 marks)
2. (a) Outline six common bacterial diseases of livestock animals (3 marks)
(b) With one example each, give six classifications of livestock diseases on the basis of disease prevention (12 marks)
3. (a) Differentiate between the following:
 - i. Infectious and non-infectious diseases (4 marks)
 - ii. Active and passive immunity (4 marks)
 - iii. Metabolic and nutritional disorders (3 marks)
 - iv. Quarantine and vaccination (4 marks)
4. (a) Briefly explain the concept of depopulation in the eradication of livestock diseases (5 marks)
(b) Make a clear distinction between Trypanosomosis and Babesiosis in cattle using the following criteria: (10 marks)
 - i. Aetiology
 - ii. Clinical signs
 - iii. Diagnosis and
 - iv. Control method
5. (a) In what ways can ectoparasites cause disease in ruminant animals and give three specific diseases/infestations that can be caused by ectoparasites (5 marks)
(b) Discuss the different modes of transmission of zoonotic diseases (5 marks)
(c) State five common observable manifestations/changes in an unhealthy animal (5 marks)

6. (a) Clearly explain the three major methods of disease transmission in livestock animals (12 marks)
(b) Outline the three major parts of the immune/defence system in livestock animals (3 marks)