

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY
2009/2010 HARMATTAN SEMESTER EXAMINATIONS

AST 301: INTRODUCTION TO ANIMAL HEALTH TIME ALLOWED: 3HRS

INSTRUCTION: Answer section A and 2 questions only from section B.

SECTION A

Diseases are often classified into 1)----- 2)-----, Bacterial toxins are classified into 3)----- 4)-----, Infectious diseases manifest their effects by one or more of the following signs 5)----- 6)----- 7)----- 8)----- 9)-----, The secondary defenders of the body are 10)----- 11)-----, *Clostridium tetani* is a 12)-----while ring worm is a 13)----- disease. Disease capable of being transmitted from animals to humans are called 14)-----, For transmission of infection to occur, the following must be present 15)-----16)-----17)-----, Farm animal waste management can be divided into 18)-----19)-----20)-----21)-----22)-----, Animal carcass disposal methods include 23) -----24) -----24)-----25)-----, The ultimate effect of any disinfectant on a pathogenic organism is determined by 26) -----27) -----28) -----, Quaternaries are known as surface active 29) -----germicides and are more active against 30) -----, Animals are housed because of 31)-----32)-----33)-----34)-----35)-----36)-----, 37)----- is a limitation to animal housing. Signs of disturbances of the digestive system are 38)-----39)-----40)-----41)-----42)-----43)-----44)-----and 45)-----, Over 95% of all Mastitis cases are caused by 46)-----47)----- 48)----- and 49)-----, The defense system of an animal against infections are mainly 50)----- and 51)-----, Resistance is 52)----- by an animal against antigens. 53) Resistance is not specific to any antigen (true or false); it is divided into 54)----- and 55)-----, The basis for specific host defense mechanism is the 56)-----, A substance which stimulates production of antibodies and also reacts specifically with them is 57)-----, Antibodies are also called 58)-----, Sick animals are identified by observing their 59)----- and 60)-----, (Temperature, Hair Coat, Gait, Mortality rate and Reproductive performance).

SECTION B.

- Q1a. Mention the clinical signs for mastitis.
b. What are the preventive measures for bovine mastitis
- Q2. Write short notes on any four (4) of the following
- Antigens
 - Antibodies
 - Location of animal buildings
 - Immunity
 - Cellular Resistance Factors
- Q3. Discuss in details,
a. Non-infectious disease agents.
b. Portals of entry for pathogens into the animal body.
- Q4. Write an essay on
a. Natural agencies of disinfection.
b. Carcass disposal.

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
DEPARTMENT OF ANIMAL SCIENCE AND TECHNOLOGY
2008/2009 HARMATTAN SEMESTER EXAMINATIONS

AST 301: INTRODUCTION TO TROPICAL ANIMAL HEALTH

INSTRUCTION: ANSWER SECTION A AND TWO QUESTIONS FROM SECTION B.

TIME ALLOWED: 3HRS

SECTION A

Reasons for housing animals include 1)----- 2)----- 3)----- 4)-----
5)-----.

The correct location of a site for farm buildings is a matter of serious importance in order to 6)----- 7)-----

Controlled ventilation is essential for 8)----- 9)----- 10)-----
11)----- 12)-----

Signs of the disturbances of the digestive system include 13)----- 14)-----
15)----- 16)----- 17)----- 18)----- 19)-----

The respiratory system provides functions such as 20)----- 21)----- 22)-----
--- 23)----- 24)----- 25)----- 26)-----

The cessation of urination in animals is called 27)----- Gestation period for
sheep and goats (in days) is 28)----- Resistance in animals is divided
mainly into 29)----- and 30)-----

Pathogenic microorganisms that affect domestic animals are grouped into 31)-----
32)----- 33)----- 34)----- 35)-----

Toxic materials that affect livestock are classified into 36)----- 37)-----
38)----- 39)----- 40)----- Proper carcass disposal
method should include 41)----- 42)----- 43)-----

Common clinical disinfectants are grouped into 44)----- 45)-----

46)----- 47)----- Halogens with disinfectants ability are 48)-
----- 49) ----- 50) ----- 51) ----- Antibiotics are
substances of biological origin derived from 52) ----- 53)----- 55) ----
State the gestation period of cow 56) -----, Mare 57) ----- Sow 58)-----
Ewe 59) ----- Doe 60) -----,

SECTION B

1. Briefly enumerate the desirable features on buildings intended to house animals?

2. Write short notes on any two (2) of the following
 - a. Cellular Resistance Factors.
 - b. Antigens.
 - c. Antibodies
 - d. Sterility.

3. Write short notes on
 - a. Non infectious disease agents
 - b. Portals of entry of pathogens
 - c. Grooming of animals
 - d. Natural agencies of disinfection

4. Discuss in details
 - a. The signs of good health in domestic animals
 - b. Carcass disposal methods in livestock farms.