

NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCE
2023_2 EXAMINATIONS

Course Code: EHS 401

Course Title: MEAT INSPECTION, ABATTOIR/SLAUGHTER SLAB MANAGEMENT

Course Units: 2 Credit Units

Time Allowed: 2 Hours

Total Score: 70 marks

Instruction: Answer all questions

Question No. 1

(4 marks)

- a) State four key functions of the skeletal system
- b) Define the following terms in relation to livestock disease

- i. *Zoonosis*
- ii. *Epidemic*
- iii. *Epidemiology*
- iv. *A pandemic*
- v. *Morbidity*
- vi. *Prophylactic treatments*
- vii. *Subclinical infection*
- viii. *Therapeutic drugs*

(1 mark each x 8 = 8 marks)

- c) Write short notes on the livestock disease conditions, *Salmonellosis* (8 mark)

Question No. 2

- a) Discuss briefly the importance /impact of animal waste on the production and safety of food (10 marks)

- b) *Effect of transportation of animals* (5 marks)

- c) State at least seven *Minimum requirements for transportation of food animals* (7 marks)

- c) Define the following terms in relation to abattoir management and hygiene

- i. *Quality* (2 marks)
- ii. *Quality Assurance (QA)* (2 marks)
- iii. *Good Manufacturing Practice (GMP)/Good Hygiene Practice (GHP):* (2 marks)
- iv. *Hazard Analysis and Critical Control Point (HACCP)* (2 marks)

Question No. 3

- a) State clearly the basic purposes of meat inspection (5 marks)

- b) List common sources of carcass contamination and state simple precautions that can be used to control them (10 marks)

- c) List some faulty *Slaughtering and processing procedures that may contaminate the meat* (5 marks)