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University Examinations 2024/2025

SECOND YEAR FIRST SEMESTER, EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN PUBLIC HEALTH

HPP 3216: MEAT INSPECTION

DATE: JANUARY 2025

TIME: 2 HOURS

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Differentiate between meat inspection and meat grading (4 Marks)
- b) Describe the legal provision that has been enacted specifically to provide for the inspection of meat and meat products in Kenya (4 Marks)
- c) Outline any seven functions of meat inspection (7 Marks)
- d) Explain the significance of complete bleeding during animal slaughter (5 Marks)
- e) Explain any five ways of disposal of condemned meat (5 Marks)
- f) Discuss the phenomenon of emergency slaughter (5 Marks)

QUESTION TWO (20 MARKS)

- a) Discuss the basis for a diagnosis of fever during antemortem and postmortem examination of meat animals and explain the appropriate decision that a meat inspector should make if he encounters it (10 Marks)

- b) Discuss the procedure of mechanical stunning in cattle and highlight its significance in the process of slaughter of meat animals (10 Marks)

QUESTION THREE (20 MARKS)

Discuss in detail the process of meat inspection of plucks, the possible parasitic and pathological conditions that may be present and the decision that the meat inspector should make in each case (20 Marks)

QUESTION FOUR (20 MARKS)

Discuss the expected benefits of implementing a HACCP system in a category A slaughterhouse and highlight the principles on which the HACCP system is based (20 Marks)