



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE

PUBLIC HEALTH/COMMUNITY HEALTH AND DEVELOPMENT

3RD YEAR 2ND SEMESTER 2017/2018 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE:

HPD 3321

COURSE TITLE:

ANIMAL PATHOLOGY AND MEAT INSPECTION

EXAM VENUE:

STREAM: BSc Public/ Comm. Hlth & Dev

DATE:

EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all the questions in Section A and 2 questions in Section B.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A.

Answer ALL questions

1. Differentiate between “Pathology” and “Physiology”. (3 Marks)
2. Describe two consequences of cell injury (2 Marks).
3. What is a “pathognomonic” sign? (3 Marks)
4. Explain the public health importance of meat hygiene practices (4 Marks)
5. What is the public health importance of meat inspection? (3 Marks)
6. Name three Acts of Parliament that govern Meat Hygiene in Kenya (3 Marks)
7. Name three legal food-animals in Kenya. (3 Marks)
8. List (with examples) three types of food hazards (3 marks)
9. List three types of “Permits” along the meat value-chain. (3 Marks)
10. Name three stunning techniques used during the slaughter process (3 Marks)

SECTION B.

Answer any two questions

1. a). Describe the objectives of ante-mortem inspection of food animals. (5Marks)
b). Compare and Contrast between Halal and Kosher slaughter methods (15 Marks)
2. Discuss the hygiene practices that are expected to be observed by butchers in Kenya (20 Marks)
3. Discuss the personal hygiene practices that should be observed by slaughterhouse personnel in Kenya (20 Marks)
4. a) Explain the Cardinal signs of inflammation (5 Marks)
b). Discuss the basis of each cardinal sign named above (15 Marks)