



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE BACHELOR OF SCIENCE IN PUBLIC
HEALTH
YEAR 4 SEMESTER 1
2015/2016 ACADEMIC YEAR
KISUMU LEARNING CENTRE

COURSE CODE: HPD 3321

COURSE TITLE: ANIMAL PATHOLOGY & MEAT INSPECTION

EXAM VENUE:

DATE: EXAM SESSION:

TIME: 2.00 HOURS

Instructions:

- 1. Answer all Questions in section A and Two 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

Section A .Answer all questions in this section

1. State any four surface active agents commonly used in the slaughter house
(4 marks)
2. Distinguish between imperfect bleeding and hyperaemic congestion of a carcass
(4 marks)
3. Explain the features of rigor mortis in bovine carcass
(4 marks)
4. State the life cycle of echinococcus granulosus
(4 marks)
5. Describe the ovine circulatory system
(4 marks)
6. Name any four avians gazetted as food animals
(4 marks)
7. Name any two lymph nodes of the bovine head
(2 marks)
8. State any two lesions associated with septicaemia in food animals (2 marks)
9. Explain the following terms as used in meat Pathology
 - a) Carcass emaciation (1 mark)
 - b) Carcass evisceration (1 mark)

SECTION B (Answer any two questions)

1.
 - a) Illustrate the bovine slaughter process (10 marks)
 - b) Discuss any five causes of inflammation (10 marks)
2. a) Discuss the superficial changes meat undergoes as a result of storage
(10 marks)
3.
 - a) Discuss rigor mortis in bovine carcass (15 marks)
 - b) Distinguish between poorness bleeding and emaciation congestion
(5 marks)
4. Discuss:
 - a) Casualty slaughter
 - b) Emergency slaughter
 - c) Position, drainage area and destination of paratid lymph nodes
 - d) Position, drainage area and destination of middle cervical lymph nodes(20 Marks),