JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF HEALTH SCIENCES.

UNIVERSITY EXAMINATION FOR BSC. PUBLIC HEALTH

3RD YEAR 2ND SEMESTER 2019/2020 ACADEMIC YEAR

COURSE CODE: HPB 3312

COURSE TITLE: MEAT PATHOLOGY AND INSPECTION

EXAM VENUE: STREAM: (Bsc. Public Health)

DATE: 1/12/20   EXAM SESSION: 9-12 NOON

TIME: 3 HOURS

Instructions:

1. **Answer all questions in section A and any other 2 questions in Section B.**

1.   **Candidates are advised to write on the text editor provided, or to write on a foolscap, scan and upload alongside the question.**

2.   **Candidates must ensure that they submit their work by clicking 'FINISH AND SUBMIT ATTEMPT' button at the end.**

SECTION A   Answer all questions in this section   **(30 marks)**

QUESTION 1.

(a) Explain two methods of slaughter applicable in Kenya   (2 marks)

(b) Describe the causes of inconveniences during animal transportation.   (2 marks)

(c) State the site for stunning by shooting on a pig   (2 marks)

(d) Briefly describe the term "carcase yield"   (3 marks)

(e) List three gazetted food animals in Kenya.   (3 marks)

(f) Discuss the aim of regulating transportation of slaughter animals.   (2 marks)

(g) Describe the causes of weight loss during slaughter animal transportation. (3 marks)

(h) Discuss the control of weight loss in slaughter animal transportation.   (3 marks)

(i) Differentiate between porker and baconer   (3 marks)

(j) Name three commonly used stunning methods   (3 marks)

(k) State four classifications of carcasses according to sex and age**.**   (4 marks)

SECTION B Answer any TWO Questions   **(40 Marks)**

2. State and describe physiological changes in meat, their causes, lesions and judgment

                  (20 marks)

3. (a) Discuss the principle guidelines to post mortem   (12 marks)

   (b) State the overall objective of meat inspection   (3 marks)

   (c) State five characteristics of a health animal   (5 marks)

4. (a) Differentiate between the following terms:

        (i) Ante-mortem and post-mortem inspections   (4 marks)

        (ii) Pulse rate and dropsy in food animals   (4 marks)

   (b) Name and discuss judgmental of meat as food   (12 marks)

5. Explain the animal abattoirs with all the essential requirements   (20 marks)

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