



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Applied and Health Sciences

Department of Environment & Health Sciences

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH

BSEH 16J/YEAR 3/SEMESTER 2

APH 4306 MEAT PATHOLOGY AND INSPECTION

SPECIAL/ SUPPLIMENTARY EXAMINATIONS

SERIES: SEPTEMBER 2018

TIME: 2 HOURS

Instructions to Candidates

This paper consists of FIVE questions

Answer question ONE (COMPULSORY) and any other TWO questions.

This paper consists of two printed pages.

Mobile phones are NOT allowed in the examination room

Question one 30 marks

- a. Define the following terms;
 - i. Slaughter house (1mk)
 - ii. Stunning box (1mk)
 - iii. Rigor mortis (1mk)
 - iv. Inflammation (1mk)
 - v. Carcass (1mk)
- b. State any three circumstances under which total condemnation can be applied during meat inspection (3mks)
- c. Give any ten characteristic signs of a rabid animal (5mks)
- d. Briefly outline five measures that are recommended to reduce effects of transportation on animals for slaughter. (5mks)
- e. Describe factors of meat that are affected by pH (5mks)
- f. List any five factors that cause stress to animals for slaughter (5mks)
- g. Apart from meat inspection, state any other two duties of health inspector. (2mks)

Question two 20 marks

Outline the abnormalities that may be recorded during an Ante-mortem Inspection session

(20 marks)

Question three 20 marks

Describe the subsidiary legislation to the Meat Control Act

(20 marks)

Question four 20 marks

Describe the quality and maintenance of equipment used in poultry slaughter and processing

(20marks)

Question five 20 marks

Describe the general pathological conditions that would cause condemnation of viscera and carcass because of pigmentation

(20 marks)