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University Examinations 2023/2024

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

HPP 3221: FOOD SCIENCE AND INSPECTION

DATE: APRIL 2024

TIME: 2 HOURS

INSTRUCTIONS:

1. Answer Question ONE, and any other TWO
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QUESTION ONE (30 Marks)

- a) Define the term food as used in public health laws. (2 marks)
- b) Describe four approaches you would adopt to assess the quality of foods. (4 marks)
- c) Briefly describe five methods of food preservation. (5 marks)
- d) Describe the ideal conditions in which food grains should be stored. (4 marks)
- e) Differentiate between traditional and modern methods of food storage. (4 marks)
- f) Differentiate between chemical, bacterial and hormonal food contamination. (5 marks)
- g) Explain the process of inspecting canned foods. (6 marks)

QUESTION TWO (20 MARKS)

Discuss personal hygiene in relation to food contamination in a hotel.

QUESTION THREE (20 MARKS)

You are a public health officer in charge of a municipality. It is reported to your office that some traders are selling fruits and vegetables of low quality in the local community.



- i. Explain how would identify vegetables and fruits of low quality. (12 marks)
- ii. Describe four attributes to determine whether to accept or reject them. (8 marks)

QUESTION FOUR (20 MARKS)

Discuss the approaches to inspection of imported food as per the public Health requirements

