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UNIVERSITY EXAMINATIONS 2024/2025

**FOURTH YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE IN PUBLIC HEALTH**

HPP 3411: PORT HEALTH

DATE: JANUARY 2025

TIME: 2 HOURS

INSTRUCTIONS: Answer Question ONE and any other TWO questions.

QUESTION ONE (30 MARKS)

- a) Describe five important roles of a port health officer (5 Marks)
- b) Enumerate four must-report internationally notifiable diseases at the port (4 Marks)
- c) Explain the type of water used in ships and how it is supplied (3 Marks)
- d) Describe the type of sea going vessels exempted from inspections by port health officers (3 Marks)
- e) Describe the manner in which arriving vessels must communicate to the shore before pratique is granted (3 Marks)
- f) To what extent is the master of an arriving vessel liable to report infectious diseases to health authorities? (3 Marks)
- g) Describe the extent to which a port health officer on duty is protected by law (4 Marks)
- h) Explain the measures taken when a master of a vessel fails to observe pratique and quarantine measures (3 Marks)
- i) Define the following terms;



MUST is ISO 9001:2015 and



ISO/IEC 27001:2013 CERTIFIED

- i. Point of entry- (1 Mark)
- ii. Affected- (1 Mark)

QUESTION TWO (20 MARKS)

Discuss the procedure of handling solid and liquid wastes generated from ships and aircrafts during travel. (20 Marks)

QUESTION THREE (20 MARKS)

Discuss container inspection procedure as undertaken by the port health officer. (20 Marks)

QUESTION FOUR (20 MARKS)

It is the duty of the port health officers to guard Kenya against introduction of infectious diseases into the country from outside. To ensure as a public health officer you will take effective control at the port, answer the following;

- a) Briefly explain the measures taken to isolate and carry out surveillance on persons suspected to have been exposed to infectious disease(s) during the voyage (8 Marks)
- b) Explain the measures you would take to deal with the following;
 - i. Removal and treatment of a patient at the shore (6 Marks)
 - ii. Burial of a dead person on board (6 Marks)

