



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya.

Tel: +254(0) 799 529 958, +254(0) 799 529 959, +254 (0)712 524 293

Website: [www.must.ac.ke](http://www.must.ac.ke) Email: [info@mucst.ac.ke](mailto:info@mucst.ac.ke)

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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

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**INSTRUCTIONS: Answer Question ONE and any other TWO questions.**

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#### 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)

