



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Applied and Health Sciences

Department of ENVIRONMENT & Health Sciences

**UNIVERSITY EXAMINATION FOR:
BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH**

APH 4452: PORT HEALTH

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2024

TIME: 2HOURS

DATE: Pick Date August 2024

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **five** Question(s). Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

QUESTION ONE

1. Define the following terminologies as used in Port health.

- (a) (i) Baggage
- (ii) Crew
- (iii) Disinfecting
- (iv) Epidemic
- (v) Isolation

(10 mrks)

(b) (i) Describe notifiable diseases and give any three example of those given great weight in the International Health regulations.

(5 mrks)

(ii) Mention and explain briefly three major activities done in the port as regards to port health services

(5 mrks)

- (c) List five responsibilities of the International Health Regulation in the port.
(10mrks)

SECTION B

QUESTION TWO

With the aid of a well labeled diagram, show how an ideal airport should be. Write to explain all what is supposed to be available in it. (20 marks)

QUESTION THREE

An infected area is that place, County or region where a case of notifiable disease has been reported and where the population characteristics, density or mobility or vector and animal recievior potential could support the transmission of the reported disease. Discuss this showing when an infected area is considered free from an infection. (20 mrks)

QUESTION FOUR

Health administration is very important in port health. Discuss this showing all the duties of health administrator in port (20 mrks)

QUESTION FIVE

Yellow fever is one of the high disease targeted among the notifiable diseases in the world as regards to the ports. Describe its epidemiology, mode of infection and all activities geared to prevent it in our boarders and ports. (20 Marks)