

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF PUBLIC HEALTH

PUHE 425: PUBLIC HEALTH INSPECTION

STREAMS: PUHE (Y4S2)

TIME: 2 HOURS

DAY/DATE: MONDAY 14/04/2025

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS

1. Do not write anything on the question paper.
2. Mobile phones and any other reference materials are NOT allowed in the examination room.
3. The paper has three sections. Answer ALL questions in Sections I, II and III.
4. All your answers for Section I (MCQs) should be on one page.
5. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.
6. Write your answers legibly and use your time wisely

SECTION 1: MULTIPLE CHOICE QUESTIONS [10 MARKS]

1. _____ lists what constitutes a nuisance
 - [a]. Meat Control Act Cap 356 section 118
 - [b]. Public Health Act Cap 242 section 118
 - [c]. Food Drugs and Chemical Substances Act Cap 254 section 118
 - [d]. Malaria Control Act Cap 242 section 118
2. The medical certificate issued to food handlers remains valid for
 - [a]. 3 months
 - [b]. 6 months
 - [c]. 12 months
 - [d]. 24 months

3. The space between beds in a hospital general ward should be a minimum of
- [a]. 0.5m of any other bed.
 - [b]. 1m of any other bed.
 - [c]. 1.5m of any other bed.
 - [d]. 2m of any other bed.
4. Foods should not be stored in the refrigerator for more than
- [a]. 3 days
 - [b]. 7 days
 - [c]. 14 days
 - [d]. 30 days
5. Pit latrines should not be less than
- [a]. 3m deep
 - [b]. 6m deep
 - [c]. 9m deep
 - [d]. 12m deep
6. Ventilation provisions in health facilities should be at least _____ of the total floor area
- [a]. 5%
 - [b]. 10%
 - [c]. 15%
 - [d]. 20%
7. The WHO recommendation for average water requirement for inpatients in a health facility is
- [a]. 5 – 20 litres/patient/day
 - [b]. 20 – 40 litres/patient/day
 - [c]. 30 – 40 litres/patient/day
 - [d]. 40 – 60 litres/patient/day
8. According to the public health safety requirements in schools, pit latrines should be at least _____ away from a borehole, a well or water supply point.
- [a]. 10m
 - [b]. 15m
 - [c]. 20m
 - [d]. 30m

In question 9 and 10, indicate whether the statement is TRUE or FALSE.

9. Doors of toilet facilities for patients must be un-lockable from the outside [True/False].

10. In public health enforcement for compliance, an intimation notice is usually preceded by a closure notice [True/False]

SECTION II: SHORT ANSWER QUESTIONS [40 MARKS]

1. Define the following terms, as used in public health inspection

[a]. Sanitary [2 marks]

[b]. Premises [2 marks]

2. Explain six (6) reasons that generally inform inspection of properties by public health officers in Kenya [6 marks]

3. Sluice rooms are essential facilities that must be provided in every hospital ward. Outline five (5) minimum public health requirements for hospital sluice rooms [5 marks]

4. Outline five (5) public health laws that are commonly invoked during public health inspection of premises in Kenya [5 marks]

5. Public Health Officers play a critical role in the inspection of schools for licensing by the Ministry of Education in Kenya. Assuming you have been invited to inspect a boarding school in County X where you work as a Public Health Officer, explain ten (10) main safety requirements that you will focus on during the inspection of the dormitories [10 marks]

6. Assume you have been deployed in a technical working group of Public Health Officers (PHOs) to carry out a comprehensive routine inspection for a certain hospital X situated in your area of work as a Public Health Officer. Explain the general procedure you would observe in preparing and successfully conducting inspection of the said hospital [10 marks]

SECTION III: LONG ANSWER QUESTIONS [20 MARKS]

1. In response to a recent fire tragedy in a boarding primary school in Nyeri County, the government of Kenya constituted a multi-sectoral committee comprised of a Public Health Officer, Education Officer, Security Officer, Public Works Officer, and National government Administration Officer to inspect the affected school and identify the likely safety lapses and recommend for measures to avert recurrence of such incidents in future. Assuming you were appointed in the capacity of a Public Health Officer in the multi-sectoral committee, discuss ten (10) essential elements that you will guide you in writing the Public Health technical report

[20 marks]

.....