



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF COMMUNITY HEALTH
MASTER OF PUBLIC HEALTH
END OF SEMESTER EXAMINATION JAN-APRIL 2025
MAIN EXAM**

UNIT CODE MSH 719

TIME 3 hours

ANSWER ALL QUESTIONS IN SECTION A AND ANY THREE IN SECTION B

SECTION A ANSWER ALL QUESTIONS IN THIS SECTION (25 MARKS)

1. Explain the objectives of School Health Policy in Kenya (5 marks)
 - 2 a) Explain the difference between equity and equality in relation to school health and give examples (2 marks)
 - 2 b Explain how climate change influences vector related diseases (3 marks)
 - 3a) mention 3 method of water treatment at point of use? (3 marks)
 - 3b) which bacteria in water is considered as an indicator for faecal contamination. (2marks)
 - 4a)) Give explanation on the importance of an incubation period of a disease (2 marks)
 - 4 b) Give 3 ways that a school committee needs to address menstrual hygiene (3 marks)
- 5 a) Describe what causes scabies and how you will prevent the spread in a primary school (3 marks)
 - b) Describe how climate change enhances transmission of Malaria. (2 marks)

SECTION B ANSWER ANY 3 QUESTIONS IN THIS SECTION (75 MARKS)

1. A boarding school has reported an increased in number of pregnancies among students:
 - A) What will be your response as a public health official operating in that area.(10marks)
 - B) Explain step by step how you will address the problem and plan for prevention

(15 marks)

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- 2 A school board chair has invited you to address his board on how best to prevent food borne diseases:
- A) Give a detailed account of how you will establish existence of food born diseases (13 marks)
 - B) Explain how you will try to prevent such diseases from recurring i (12 marks)

25 marks

- 3 The incidence of Tungiasis has increased so much in a day school:
- a) Explain the likely cause of the increased incidence 5 marks
 - b) What will be your advice to the school to solve the problem completely. (12 marks)
 - c) What are the Administrative procedures that you will take (8 marks)

25 marks

- 4 There is increased incidence of Tuberculosis in a schools in your area of work as the public health officer. Please explain the following:
- a) What are the likely symptoms that you will expect to hear and see from a child with Tuberculosis? (10 marks)
 - b) What would be your advice to the school in terms of prevention? (10 marks)
 - c) Is it necessary to isolate the candidate? Explain your answer.? (5marks)

25 marks

- 5 It is reported that children in a school in your area have reported in an increase in mosquito population and biting during the day :

- A) Explain what specie of mosquito that is likely to be. 5 marks
- B) What diseases are likely to be transmitted by this vector. 8 marks
- C) Explain how you will attempt to prevent the increase of disease transmitted. 12 marks

25 marks

6. There is increased incidence of gonorrhoea in a school in your area of operations and you are required to advise the school. Please explain what would be:

- a) The symptoms you would expect in boys and girls (10 marks)
- b) The prevention methods you will advocate for (15 marks)

25 marks