

SECTION A: Compulsory Question

QUESTION ONE

- a) Outline **Five** sources for public health surveillance data **(5 Marks)**
- b) Differentiate between passive active disease and integrated surveillance systems **(6 Marks)**
- c) Illustrate **five** elements of an effective disease surveillance system **(5 marks)**.
- d) Describe **four** levels of disease prevention **(4 Marks)**.
- e) Illustrate **five** triggers to a potential disease outbreak **(5Marks)**

SECTION B: Answer Any Three (3) Questions

QUESTION TWO

- i. Illustrate the support functions of disease surveillance systems **(5 Marks)**
- ii. Discuss the process of setting up a public health surveillance system in your country **(20 marks)**.

QUESTION THREE

Meru county, Kenya has recently announced the outbreak of Anthrax in the region. The suspected outbreak has come as the government announced a nationwide livestock vaccination campaign to combat such diseases. Suppose you are the surveillance focal person in the region, Discuss the steps you would follow to both investigate and respond.

QUESTION FOUR

- i. Outline the importance evaluating the public health surveillance and response systems **(10 marks)**.
- ii. Discuss **ten** key attributes considered while monitoring and evaluating the public health surveillance and response systems **(15 marks)**.

QUESTION FIVE

- i. Illustrate the core functions of Integrated Disease surveillance and response (IDSR) **(10 Marks)**
- ii. Discuss the challenges for implementation of Integrated Disease surveillance and response (IDSR) in Africa **(15 marks)**.

QUESTION SIX

The key strategy for implementing public health surveillance in the African countries is the Integrated Disease Surveillance and Response (IDSR) strategy, which was launched by WHO Afro in 1998.

- a) Illustrate the reporting requirement in your country **(5 Marks)**.
- b) Discuss the reportable diseases in your country **(10 Marks)**.
- c) Explain the methods used by your country's health departments to disseminate surveillance information to relevant authorities **(10 Marks)**

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