



# 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: [info@must.ac.ke](mailto:info@must.ac.ke) Email: [info@must.ac.ke](mailto:info@must.ac.ke)

---

## University Examinations 2023/2024

FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF  
SCIENCE IN HEALTH SYSTEMS MANAGEMENT

### NNH 3102: PRINCIPLES OF PUBLIC HEALTH

DATE: DECEMBER 2023

TIME: 2 HOURS

---

INSTRUCTIONS: Answer question *one* and any other *two* questions

---

#### QUESTION ONE (30 MARKS)

- Public Health aims to provide maximum benefit for the largest number of people. State four activities of public health that helps to achieve this objective (4 marks)
- Explain the correlation between child mortality and maternal child health outcomes (4 marks)
- Clarify the use of morbidity indicator and state two measures of morbidity (4 marks)
- Describe public health approach from problem investigation to response (5 marks)
- In relation to disease transmission, explain four types of carrier states (4 marks)
- Provision of public health services is anchored on three core functions. Discuss (5 marks)

#### QUESTION TWO (20 MARKS)

- Explain five causes of emerging and re-emerging global epidemics (10 marks)
- Describe five great public health achievements that have reduced morbidity and mortality over the years (10 marks)



MUST is ISO 9001:2015 and



ISO/IEC 27001:2013 CERTIFIED

Page 1

**QUESTION THREE (20 MARKS)**

A healthcare manager of a busy county hospital has been asked to give a report to health committee on performance of the hospital. Explain indicators that the manager can use to evaluate the hospital's performance. (20 marks)

**QUESTION FOUR (20 MARKS)**

In Kenya health is a devolved function and the Kenya Health Policy 2014-2030 specifies objectives of health devolution. Discuss these objectives (20 marks)

