



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## University Examinations 2023/2024

THIRD YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR  
OF PUBLIC HEALTH

### HPP 3321: PREVENTION AND CONTROL OF COMMUNICABLE DISEASES

DATE: APRIL 2024

TIME: 2 HOURS

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#### INSTRUCTIONS:

1. Answer Question ONE, and any other TWO
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#### QUESTION ONE (30 Marks)

- a) Define communicable diseases and state how they occur (2 marks)
- b) Describe two main approaches to prevention of communicable disease (4 marks)
- c) Briefly describe five strategies of prevention and control of communicable diseases. (5 marks)
- d) Describe various prevention stages of communicable diseases (4 marks)
- e) Differentiate between eradication and elimination of communicable diseases (4 marks)
- f) Describe the evolvement of a diseases from few cases to pandemic. (5 marks)
- g) Explain the role of the government and challenges of diseases eradication (6 marks)

#### QUESTION TWO (20 MARKS)

Discuss the magnitude and the challenges posed by zoonoses

#### QUESTION THREE (20 MARKS)

You are a public Health Officer in charge of a county. Multi Drug –Resistant TB (MDR) is one of the public Health Problems in two wards.

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- a) Explain your intervention to curtail the spread of the diseases from the two wards. (10 marks)
- b) Describe how your interventions would be linked to the health facilities. (10 marks)

**QUESTION FOUR (20 MARKS)**

Discuss the challenges of emerging and re-emerging diseases as a health global problem

