



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: www.must.ac.ke Email: info@mucst.ac.ke

UNIVERSITY EXAMINATIONS 2024/2025

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE IN COMMUNITY HEALTH AND DEVELOPMENT

HPP 3200: EPIDEMIOLOGY

DATE: JANUARY 2025

TIME: 2 HOURS

INSTRUCTIONS: *Answer All questions in Section A, and any other Two in Section B*

SECTION A

1. Define the following terms (each 1 Mark)

- i. Epidemiology (1 Mark)
- ii. Population at risk (1 Mark)
- iii. Case (1 Mark)
- iv. Prevalence (1 Mark)
- v. Disease surveillance (1 Mark)
- vi. Pathogenicity (1 Mark)

2. List five pathogenic microorganisms (5 Marks)

3. Write short notes about human to human transmission of infections (5 Marks)



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4. Make short notes about bias epidemiology (5 Marks)
5. Discuss time, place and person in descriptive epidemiology (5 Marks).
6. List five objectives of exploratory data analysis (5 Marks)

SECTION B CHOOSE ANY TWO QUESTIONS (40 MARKS)

1. Discuss history of epidemiology (20 Marks)
2. With a diagram explain disease triad (20 Marks)
3. Discuss behavior or lifestyle as a risk factor of acquiring diseases (20 Marks)



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