



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF PURE, APPLIED AND HEALTH SCIENCES

DEPARTMENT OF HEALTH SCIENCES

UNIVERSITY ORDINARY EXAMINATION

2023/2024 ACADEMIC YEAR

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR

OF SCIENCE IN MEDICAL LABORATORY SCIENCES

MCH 417 – POPULATION HEALTH AND IMPACT ASSESSMENT

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer question ONE any other two questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

SECTION A – ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

- a) Identify five importance of conducting health impact assessment. (5 marks)
- b) Explain five parties involved in conducting a health impact assessment. (5 marks)
- c) Differentiate between health in pact assessment and environmental impact assessment. (5 marks)
- d) Highlight five principles governing health impact assessment. (5 marks)
- e) Explain five reasons why public participation is important in health impact assessment. (5 marks)
- f) Explain five determinants of health. (5 marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

You have been called upon as a health impact assessment expert to carry out an assessment in a dam project in your community. Discuss all the steps you will follow. (20 marks)

QUESTION THREE (20 MARKS)

Critically analyse health risk assessment process in Kenya. (20 marks)

QUESTION FOUR (20 MARKS)

EMCA 1999 is a Kenya act in making sure that the environment remains safe for man and all living things. Explain in detail what it entails. (20 marks)