



MACHAKOS UNIVERSITY

University Examinations For 2021/2022 Academic Year

SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (PUBLIC HEALTH)

HPH 314: ENVIRONMENTAL HEALTH IMPACT ASSESSMENT

DATE: 7/12/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

Answer question **ONE** and any other **TWO** questions. Use appropriate illustrations where necessary.

QUESTION ONE (30 MARKS)

- a) Discuss the importance of health impact assessment to a specific community. (10 marks)
- b) Highlight the key challenges affecting health impact assessment process in Kenya. (10 marks)
- c) Indicate the key steps required in health impact assessment. (10 marks)

QUESTION TWO (20 MARKS)

Discuss the mechanism of managing adverse health impacts associated with a named proposed project.

QUESTION THREE (20 MARKS)

Discuss the role of public participation in health impact assessment.

QUESTION FOUR (20 MARKS)

Using any two methods, discuss how to analyze the adverse health impacts associated with a development activity clearly indicating the advantages of the methods.

QUESTION FIVE (20 MARKS)

Discuss the regulatory framework governing health impact assessment process.