



MACHAKOS UNIVERSITY

University Examinations for 2022/2023 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCES

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN PUBLIC HEALTH

HPH314: ENVIRONMENTAL HEALTH IMPACT ASSESSMENT

DATE:

TIME:

INSTRUCTIONS: Answer Question **one (Compulsory)** and any other **two** questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Explain the following
- (i) Environmental Impact Assessment (2 marks)
 - (ii) Environmental Health Impact Assessment (2 marks)
 - (iii) Strategic Environmental Assessment (2 marks)
- b) Explain the milestones of Environmental Health Impact assessment in Kenya (8 marks)
- (c) Explain the steps in health impact assessment (8 marks)
- (d) Describe the tools necessary for the review of Environmental Health Impact Assessment (8 marks)

QUESTION TWO (20 MARKS)

Discuss the role of Environmental Management and Coordination Act (EMCA).1999) in the successful attainment of Environmental Impact Assessment practice in Kenya

QUESTION THREE (20 MARKS)

You have been tasked by your County department of Health to carry out an Environmental Health Impact Assessment process. Sequentially, explain how you would carry out the exercise

QUESTION FOUR (20 MARKS)

With relevant examples, Explain TEN roles of Stakeholders in Environmental Health Impact Assessment process.

QUESTION FIVE (20 MARKS)

Indicating their significance, discuss FIVE principles of Environmental Health Impact Assessment