



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

(CITY CAMPUS)

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE

HEH 806: ENVIRONMENTAL HEALTH RISK ASSESSMENT

DATE: Friday, 12th May 2017

TIME: 2.00 p.m. - 5.00 p.m.

INSTRUCTIONS:

Answer Four (4) Questions.

1. Contemplate on the fundamental steps that constitute a risk assessment. (30 marks)
2. As an environmental health expert, you have been asked to undertake an environmental impact assessment of a proposed road in your community, discuss the steps you follow in undertaking this activity while identifying the possible environmental impacts and their mitigation measures. (30 marks)
3. Citing pertinent examples, discuss the rational of the environmental health risk assessment. (30 marks)
4. Discuss the process of risk management. (30 marks)
5. Citing relevant examples, discuss the role of community participation in environmental health risk assessment. (30 marks)
6. Using practical examples, compare and contrast Ecological Risk Assessment and Human Risk Assessment. (30 marks)