



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL
SCIENCE WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

NES 208: ENVIRONMENTAL POLLUTION CONTROL

Date: 20th April, 2016

Time: 11.00 - 1.00 pm

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.

1. (a) Differentiate between point sources of pollution and non-point sources of pollution [6 marks]
- (b) Describe the measures used to control pollution caused by Sulphur Dioxide (SO_2) gas. [8 marks]
- (c) Describe the land disposal methods of solid wastes used in Kenya. [8 marks]
- (d) Examine the methods of controlling odour within waste water treatment plants. [8 marks]
2. (a) Explain the measures that have been put in place to control pollution from Chlorofluorocarbons (CFCs). [8 marks]
- (b) Examine the process of incineration in the control of pollution from hospital wastes. [12 marks]
3. Discuss the fates of organic pollutants in a municipal sewage treatment scheme. [20 marks]
4. Using an illustration, describe the basic process of waste water treatment. [20 marks]
5. Discuss the policy strategies that can be adopted by the Government of Kenya to control accumulation of Carbon Dioxide (CO_2) in the atmosphere. [20 marks]
6. Discuss the measures which can be adopted to reduce air pollution caused by automobiles in Kenya. [20 marks]