



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

**SCHOOL OF TOURISM AND NATURAL RESOURCE
MANAGEMENT
BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE**

**COURSE CODE: ENS 2201
COURSE TITLE: ENVIRONMENTAL POLLUTION**

DATE: 3RD MAY 2018

TIME: 11.00 A.M-1.00 P.M

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

SECTION A (25 MARKS)

1. a) Define the following terms
 - i. Air pollution (2 Marks)
 - ii. Solid waste (2 Marks)
 - iii. Environmental pollution (2 Marks)
 - iv. Pollutant (2 Marks)
 - v. Hazardous waste (2 Marks)
2. Explain ;
 - i. Why is pollution important (2 Marks)
 - ii. Is pollution harmful at all levels (2 Marks)
3. a) Outline any three categories of solid wastes (3 Marks)
b) State three ways of minimizing waste (3 Marks)
4. Explain any five chemical methods of solid waste treatment (5 Marks)

SECTION B (45 MARKS)

ANSWER ANY 3 QUESTIONS

5. Solid waste can create significant health problems if not disposed of safely. Discuss risks associated to solid waste. (15 Marks)
6. Discuss causes of pollution with reference to the three fundamental pollution drivers; globalization, Industrialization and population growth (15 Marks)
7. Acid rain is a major pollutant in Kenya Discuss the adverse effect of acid rain on environment, living organisms and infrastructure. (15Marks)
8. Discuss ways of reducing greenhouse gases from the environment. (15Marks)

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