



MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

MAIN EXAM

2021/2022 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATION

**FOR THE DEGREE OF BACHELORS OF SCIENCE IN COMMUNITY HEALTH &
DEVELOPMENT**

COURSE CODE: HCD 225

COURSE TITLE: ENVIRONMENTAL POLLUTION

DATE: 21/04/2022

TIME: 8.00-10.00 AM

INSTRUCTIONS TO CANDIDATES:

Answer all the questions section A and any 2 in section B. Each Question is 4 marks

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

SAQ1. Define the following terms as applied in environmental pollution.

- i. Pollution (1½ marks)
- ii. Anthropogenic activity (2 marks)
- iii. Air pollution (1½ marks)

SAQ2. State five types of Environmental Pollution. (5 marks)

SAQ 3. What are the five anthropogenic sources? (5 marks)

SAQ 4. What are the sources of water pollution? (5 marks)

SAQ5. Explain briefly the formation of the acid rain. (5 marks)

SAQ 6. What are the five Techniques without using Emissions Control Devices that are applied in the prevention of environmental pollution? (5 marks)

SECTION B: ANSWER ANY TWO QUESTIONS IN THIS SECTION

LAQ1. Discuss the major categories of water pollutants under the following subheadings :(20 marks)

LAQ 2. (A). Discuss the ill health impacts of environmental pollution on the following. (20 marks)

- i. Human health (5 marks)
- ii. Animals and Aquatics life (5 marks)
- iii. Environment. (5 marks)

(B). what are their preventive measures? (5marks)

LAQ3. Discuss the general methods for control of the following: (20 marks)

- i. General Methods for Control of Sulphur dioxide (SO₂) Emissions (10 marks)
- ii. General Methods for Control of Nitrogen Oxides (NO_x) Emissions (10 marks)