



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

SPECIAL EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE
CERTIFICATE IN COMMUNITY HEALTHY AND DEVELOPMENT
THIRD SEMESTER, 2021/2022
(FEBRUARY - JUNE, 2022)

CCOH 0135: ENVIRONMENTAL HEALTH

STREAM: Y1 S2

TIME: 2 HOURS

DAY:

DATE: 00/07/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.***
- 2. Answer ALL questions on section A (Compulsory) and any other TWO in section B.***

Section A

1. Explain the following terms.
 - (a) Pollution [1 mark]
 - (b) Contaminant [1 mark]
 - (c) Conservancy [1 mark]
 - (d) Wastes 1 mark
 - (e) Aerobic bacteria [1 mark]
2. (a) Describe possible sources of water pollution. [6 marks]
(b) Explain the effects of air pollution. [6 marks]
3. (a) Explain how improper excreta disposal is related to environment health. [6 marks]
(b) Elucidate possible ways of preventing water related diseases. [6 marks]
4. (a) Explicate the composition of a municipal liquid waste. [5 marks]
(b) Briefly explain steps of solid waste management. [6 marks]

Section B

4. (a) A Community health extension worker (CHEW) from rural part of Kenya tries to explain the most common conservancy system in the area. Explain the common components of the system. [10 marks]
- (b) Describe chemical closet. [5 marks]
5. Discuss the process of sewage treatment. [15 marks]
- 6 (a) Discuss control tipping as a solid waste disposal method. [10 marks]
- (b) Describe the environmental effects of crude dumping. [5 marks]