



“Investing in Africa’s future”

COLLEGE OF HEALTH AGRICULTURE & NATURAL SCIENCE [CHANS]

DEPARTMENT OF PUBLIC HEALTH AND NURSING [DPHN]

MASTERS OF PUBLIC HEALTH [MPH]

NSPH 536: ENVIRONMENTAL HEALTH

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER – DECEMBER 2023

LECTURER: DR. S. SEKENHAMO

DURATION: 3 HOURS

INSTRUCTIONS

Answer **ALL** Questions in **Section A** and **ANY 3** questions from **Section B**

The mark allocation for each question is indicated at the end of the question

Credit will be given for logical, systematic and neat presentations.

SECTION A [40 MARKS]

Answer ALL Questions

Question 1

'80% of all hospital admission are as a result of water and sanitation related diseases. Discuss. [20]

Question 2

Explain the effects of climate change on environmental health [10]

Question 3

Briefly explain the functional elements of solid waste management [20]

SECTION B [60 MARKS]

Answer any THREE [3] Questions

Question 4

Discuss the causes of recent diarrheal outbreaks in Zimbabwe and neighboring countries [20]

Question 5

As a newly appointed public health officer in a local authority setup, what advice would you give to management with regards to the perennial waste management problems experienced by the city? [20]

Question 6

With the aid of a clearly labelled diagram, outline the water treatment processes. [20]

Question 7

List any four air pollutants; identify their major sources and the health effects for each pollutant. [20]