



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL DIPLOMA

IN

ENVIRONMENTAL HEALTH

SUBJECT: Communicable and Non Communicable PAPER NO: 605/21/S15

DURATION: 3 Hours

MARCH/APRIL 2023 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions.

This paper consists of 3 printed pages.

QUESTION 1

- a) Differentiate communicable diseases from non communicable diseases. Give examples. (10 marks)
- b) Define the following terms as used in communicable diseases.
- i) Index case (2 marks)
 - ii) Incubation period (2 marks)
 - iii) Demography (2 marks)
 - iv) Zoonotic (2 marks)
 - v) Quarantine (2 marks)
 - vi) Quarantine (2 marks)

QUESTION 2.

Discuss how you would deal with malaria using the epidemiological triad. (20 marks)

QUESTION 3

Outline the prevention and control of the following diseases:

- a) Taeniasis (4 marks)
- b) Covid 19 (4 marks)
- c) Tuberculosis (4 marks)
- d) Syphilis (4 marks)
- e) Listenosis (4 marks)

QUESTION 4

- a) As an EHT, explain how you would advice women on cervical cancer (HPV) prevention and control. (10 marks)
- b) Describe transmission and control measures of schistosomiasis. (10 marks)

QUESTION 5 .

- a) With the aid of a diagram explain the facco-oral transmission route. (10 marks)
- b) Outline the disease outbreak investigation procedure. (10 marks)

QUESTION 6

Covid 19 is a pandemic disease that has paralysed the economy and caused sufferings and death. Discuss it under the following headings:

- a) Causative agent (2 marks)
- b) Mode of transmission (2 marks)
- c) Signs and symptoms (8 marks)
- d) Prevention and control (8 marks)

QUESTION 7

- a) Define the following terms:

HIV / AIDS

Syphilis

Scabies

Gonorrhoea

Eczema

Lympho – granuloma venereum

Cancer

Diabetes

Anthrax

Tuberculosis

(10 marks)

- b) Give the causative organisms of the diseases mentioned in part a. (10 marks)

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