



ZIMBABWE

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

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL CERTIFICATE

IN

TRADITIONAL MEDICINE

SUBJECT: Botany

PAPER NO: 449/23/M03

DURATION: 3 hours

MAY/JUNE 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1) This question paper comprises of six (6) questions.
- 2) Answer any five (5) questions. Each question carries 20 marks.
- 3) Do not write anything on the question paper.
- 4) Do not write your name on the answer scripts.
- 5) This question paper consists of two (2) printed pages.

This paper consists of 3 printed pages.

QUESTION 1

- a) Define the following terms:
- i) Traditional medicine (4 marks)
 - ii) Ethnobotany (4 marks)
- b) Outline and explain the fields and aspects of ethnobotany. (12 marks)

QUESTION 2

Give a brief explanation on the following methods of plant propagation:

- a) Seeds (4 marks)
- b) Cuttings (4 marks)
- c) Graftings (4 marks)
- d) Division (4 marks)
- e) Tissue culture (4 marks)

Outline the advantages of each method of plant propagation

QUESTION 3

- a) State and explain the effects of environmental factors of plant abundance. (10 marks)
- b) List six (6) types of herbal medicine. (6 marks)
- c) State two (2) examples of herbal medicine and their uses. (4 marks)

QUESTION 4

List at least two (2) examples of medicinal plants under the following classes:

- a) Tree (2 marks)
- b) Shrub (2 marks)
- c) Herb (2 marks)
- d) Annuals (2 marks)
- e) Biennial (2 marks)



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IN

TRADITIONAL MEDICINE

MODULE: Communicable and Non-Communicable PAPER NO: 449/23/M07

DURATION: 3 Hours

OCTOBER/ NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Do not write your name on the Answer Script.
3. Do not write anything on the Question paper.

This paper consists of 3 printed pages.

PAPER NO: 449/23/M07 – COMMUNICABLE AND NON-COMMUNICABLE DISEASES

QUESTION 1

- a) List and define any five (5) common communicable diseases. (10 marks)
- b) Describe and give examples of prevention and control measures targeting reservoirs of infection. (10 marks)

QUESTION 2

Discuss five (5) communicable disease signs, symptoms and treatment measures. (20 marks)

QUESTION 3

- a) List and define any five common non-communicable diseases. (10 marks)
- b) Identify ways of detecting early signs and symptoms of non-communicable diseases. (10 marks)

QUESTION 4

Discuss common non-communicable disease signs, symptoms and treatment measures. (20 marks)

QUESTION 5

- a) Define a host and an agent (4 marks)
Give an example for each. (2 marks)
- b) Explain four (4) ways to manage the environment to prevent the spread of communicable diseases. (8 marks)
- c) Highlight strategies to control communicable diseases. (6 marks)

PAPER NO: 449/23/M07 – COMMUNICABLE AND NON-COMMUNICABLE DISEASES

QUESTION 6

- a) Identify and explain five (5) steps taken in response to an outbreak.
(10 marks)
- b) Discuss emerging issues of communicable diseases including re-emerging infectious diseases (Ebola, COVID-19), antimicrobial resistance.
(10 marks)

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IN

HEALTH SERVICES MANAGEMENT

**MODULE: Communicable and
Non-Communicable Diseases**

PAPER NO: 380/22/M05

DURATION: 3 Hours

NOVEMBER/DECEMBER 2023 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

Answer ANY FIVE (5) questions.

This paper consists of 2 printed pages.

PAPER NO: 389/22/M05 - COMMUNICABLE AND NON COMMUNICABLE DISEASES

QUESTION 1

Outline any five preventive measures for water -borne diseases. (20 marks)

QUESTION 2

(a) List any five (5) diseases prevented by immunisation. (10 marks)

(b) Explain five ways in which pathogens enter the human body. (10 marks)

QUESTION 3

Most non - communicable diseases are behaviour based. Explain any five diseases in support of this assertion. (20 marks)

QUESTION 4

Outline any five factors that influenced the Covid-19 pandemic. (20 marks)

QUESTION 5

With special reference to cholera explain the levels of disease prevention. (20 marks)

QUESTION 6

Health education is a key driver for prevention of both communicable and non-communicable diseases. Explain any six reasons in support of this assertion. (20 marks)

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IN

TRADITIONAL MEDICINE

MODULE: Patient Management

PAPER NO: 449/23/M06

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five questions.
2. Each question carries 20 marks.
3. Do not write anything on the question paper.
4. Do not write your name on the answer script/booklet.

This paper consists of 2 printed pages.

QUESTION 1

Discuss the types of interventions you would provide to address any identified barriers such as medication adjustments, support services or educational resources. (20 marks)

QUESTION 2

What strategies can you employ to monitor patient adherence to treatment plans and identify any barriers that may hinder compliance. (20 marks)

QUESTION 3

Briefly explain how you would assess the potential interactions between medication that could affect the effectiveness of treatments? (20 marks)

QUESTION 4

- (a) Identify the different types of referrals in Zimbabwe and give examples. (6 marks)
- (b) Explain what a "referral letter" is and what information it should include. (8 marks)
- (c) Describe the steps that are involved in the referral process. (6 marks)

QUESTION 5

Explain the following ways of evaluating patient response of disease to treatments:-

- (a) Clinical parameters (5 marks)
- (b) Patient – reported outcomes (5 marks)
- (c) Objectives measures (5 marks)
- (d) Cost effectiveness analysis (5 marks)

QUESTION 6

Discuss the following traditional medicine treatments:-

- (a) Acupuncture (5 marks)
- (b) Herbal remedies (5 marks)
- (c) Massage therapy (5 marks)
- (d) Acupuncture and massage therapy (5 marks)

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IN

TRADITIONAL MEDICINE

MODULE: Prediagnosis Screening

PAPER NO: 449/23/M04

DURATION: 3 Hours

MAY/JUNE 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
2. Do not write your name on answer script.
3. Do not write on the margin

This paper consists of 3 printed pages.

QUESTION 1

Define the following terms:

- a) Traditional medicine (1 mark)
- b) Personal Protective Equipment (2 marks)
- c) Traditional medicine (2 marks)
- d) Signs (1 mark)
- e) Symptoms (1 mark)
- f) Cardinal signs (2 marks)
- g) Physical examination (2 marks)
 - i) State the four (4) techniques of physical examination. (4 marks)
 - ii) State any five (5) emergency symptoms and signs. (5 marks)

QUESTION 2

Describe the technique of SOAP in documentation and record keeping. (20 marks)

QUESTION 3

Write notes on:

- a) Recognising red flags in history taking. (10 marks)
- b) Non-verbal cues in history taking. (10 marks)

QUESTION 4

Outline the questions that may be asked in history taking. (20 marks)

PAPER NO: 449/23/M04 – PREDIAGNOSIS SCREENING

QUESTION 5

Write notes on:

- a) Rinne test for hearing. (10 marks)
- b) Inspect the client's nasal passages. (10 marks)

QUESTION 6

- a) State any five (5) types of traditional medicine. (5 marks)
- b) Outline how to discard used PPE. (5 marks)
- c) Outline the cardinal signs and symptoms in a patient. (5 marks)
- d) Explain the procedure of washing hands in physical exam. (5 marks)

QUESTION 7

Write notes on:

- a) Eye examinations (10 marks)
- b) Ear examination (Webber test) (10 marks)

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IN

TRADITIONAL MEDICINES

MODULE: Health Legislation

PAPER NO: 449/23/M08

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer all questions.
2. Do not write your name on the answer booklet.
3. Do not write anything on the question paper.

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QUESTION 1

Evaluate five (5) benefits of ethics in health management? (20 marks)

QUESTION 2

Explain the management of healthcare services under the following headings

- (a) Strategic planning (5 marks)
- (b) Resource management (5 marks)
- (c) Quality management (5 marks)
- (d) Patient safety (5 marks)

QUESTION 3

- (a) Identify five (5) levels of public health system in Zimbabwe? (5 marks)
- (b) For each level above highlight services offered at each level? (10 marks)
- (c) Outline the groups or members represented in the health Professions of Zimbabwe. (5 marks)

QUESTION 4

- (a) What are functions of the Traditional Medical Practitioner Council? (8 marks)
- (b) Highlight the 6 roles of MCAZ. (12 marks)

QUESTION 5

- (a) Explore on any six functions of Health Professions of Zimbabwe (HPAZ). (12 marks)
- (b) Identify any four WHO guidelines on traditional medicines. (8 marks)

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IN

TRADITIONAL MEDICINE

MODULE: Traditional Medicine Processing PAPER NO: 449/23/M05

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

1. Answer any five (5) questions.
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QUESTION 1

Discuss on the guidelines for harvesting traditional medicines. (20 marks)

QUESTION 2

Discuss good Agriculture and collection practices (GCAP) for traditional medicine. (20 marks)

QUESTION 3

Elaborate on guidelines on preservation of Good Agricultural and Collection Practices (GCAPS), Pharmacopoeias, ISO standards, WHO guidelines and National Regulatory Agencies. (20 marks)

QUESTION 4

State and explain in detail the different types of packaging for traditional medicine. (20 marks)

QUESTION 5

Identify the appropriate conditions that take into account the degradability of traditional medicines materials and traditional medicines preparation. (20 marks)

QUESTION 6

- a) Discuss advantages and disadvantages of traditional medicines hygienic methods. (10 marks)
- b) Discuss the importance of quality control in traditional machines preparation. (5 marks)
- c) Elaborate examples of methods and techniques to access quality of specific raw materials. (5 marks)