



THE UNITED REPUBLIC OF TANZANIA

MINISTRY OF HEALTH

PHARMACY COUNCIL



PRE – REGISTRATION AND PROFESSIONAL EXAMINATIONS CONTENTS

1. PRE-REGISTRATION EXAMINATIONS FOR PHARMACISTS

PAPER I – APPLIED PHARMACEUTICAL COMPOUNDING, CALCULATIONS AND ITS FORMULATIONS

- a) Pharmaceutics (Compounding, Formulations e.tc)
- b) Quality Assurance and Quality Control of pharmaceutical products
- c) Pharmaceutical Manufacturing (GMP)
- d) Pharmaceutical Calculations (Dispensing, compounding, manufacturing, Pharmacokinetics, quantification etc.)

PAPER II – APPLIED HOSPITAL AND COMMUNITY PHARMACY PRACTICE

- a) Use of medicines in special group (pregnancy, breast-feeding, pediatrics, the geriatrics etc.)
- b) Clinical pharmacy in special cases (e.g. renal failure, liver failure, cardiac diseases, palliative care, etc.)
- c) Dispensing practice (prescription interpretation, refills, record keeping, handling Controlled products, etc.)
- d) Management and Leadership (staff and pharmacy management)
- e) Communication skills, Counselling and educating patients on promoting good lifestyles, and preventing incidence of illness; in maintaining good health (e.g. Non-Communicable Diseases (NCDs) and Infectious diseases)
- f) Designing, implementing and participating in pharmaceutical care plans in medicine therapy selection and medicine usage (including Rational Use of Medicines).
- g) Monitoring and evaluating medicine usage and optimizing health outcomes;
- h) Pharmacovigilance (Adverse reactions and side-effects of medicines)
- i) Drug interactions
- j) Indications and contraindications of medicines
- k) Current Tanzania Standard Treatment Guidelines (STG) and other treatment guidelines (Malaria, HIV/AIDS, TB, Leprosy etc.).

- l) Supply chain and management in health commodities (Store management and storage requirements, FIFO, FEFO, ICT application, etc.)
- m) Infection Prevention and Control and Antimicrobial Resistance
- n) Any contemporary issues (Epidemic diseases)

PAPER III – LAWS, REGULATIONS, PROFESSIONAL ETHICS AND CONDUCTS

- a) The Pharmacy Act, 2011.
- b) The Pharmacy (Education and Training) Regulations G.N 333 of 2005;
- c) The Pharmacy (Premise Registration) Regulations, 2020
- d) The Pharmacy (Inquiry) Regulations, 2020
- e) The Pharmacy (Registration, enrolment and enlisting of persons) Regulations 2005,
- f) The Pharmacy (Accredited Drug Dispensing Outlets) Standard and Ethics for Dispensation Medicine Regulations G.N 185 of 2019
- g) The Pharmacy (Pharmacy Practice and Conduct of Business of Pharmacy) Regulation, 2020
- h) The Pharmacy (Procedures for Conducting Inquiry, Codes of Ethics and Professional Conduct) Regulations GN 42 of 2009
- i) The Pharmacy (Prescription Handling and Control) Regulations, 2020
- j) Code of Ethics and Professional Conduct, September 2024
- k) Drug control and Enforcement Act, 2015
- l) The Tanzania Medicines and Medical Devices (Guidelines for Dealing In Controlled Drugs, January 2021)
- m) The Tanzania Medicines and Medical Devices Act, 2019
- n) The Tanzania Food, Drugs and Cosmetics (Recall, Handling and Disposal of Unfit Medicines and Cosmetics) Regulations, 2015
- o) Tanzania Food, Drugs and Cosmetics (Scheduling of Medicines) Regulations, 2015
- p) Any contemporary issues

2. PROFESSIONAL EXAMINATIONS FOR PHARMACEUTICAL TECHNICIANS

PAPER I – PHARMACEUTICAL COMPOUNDING, CALCULATIONS AND IT'S FORMULATION

- a) Compounding of pharmaceutical products and Dosage Forms;
- b) Pharmaceutical Calculations (doses, quantification, dilutions and concentrations etc.)
- c) Quality Assurance and Control of Pharmaceutical Products
- d) Pharmaceutical Manufacturing (GMP)

PAPER II – HOSPITAL AND COMMUNITY PHARMACY PRACTICE

- a) Rational Use of Medicines
- b) Dispensing practice (prescription interpretation, refills, record keeping, handling Controlled products etc.)
- c) Communication skills, Counselling and educating patients on promoting good Lifestyles, and preventing incidence of illness; in maintaining good health (e.g. NCDs And Infectious diseases)
- d) Basics Adverse reaction and side-effects of medicines
- e) Basics Drug interactions
- f) Basics Indications and contraindications of medicines
- g) Basics of Antimicrobial resistance (causes and how to prevent in clinical practice)
- h) Basics of Use of medicines in special groups (pregnancy, breast-feeding, pediatrics And the geriatrics);
- i) Current Tanzania Standard Treatment Guidelines (STG) and other treatment Guidelines (Malaria, HIV/AIDS, TB, leprosy etc.).
- j) Supply chain management in health commodities (Store management and storage requirements, FIFO, FEFO, ICT application etc.)
- k) Any contemporary issues

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- o) Tanzania Food, Drugs and Cosmetics (Scheduling of Medicines) Regulations, 2015
- p) Any contemporary issues

3. PROFESSIONAL EXAMINATIONS FOR PHARMACEUTICAL ASSISTANTS

PAPER I – PHARMACEUTICAL COMPOUNDING, CALCULATION AND ITS FORMULATIONS

- a) Compounding of pharmaceutical products and Dosage Forms;
- b) Pharmaceutical Calculations (doses, dilutions and concentrations etc.)
- c) Quality Assurance of Pharmaceutical Products

PAPER II – BASIC HOSPITAL AND COMMUNITY PHARMACY PRACTICE

- a) Rational Use of Medicines
- b) Dispensing practice (prescription interpretation, refills, record keeping, handling Controlled products etc.)
- c) Communication skills, Counselling and educating patients on promoting good Lifestyles, and preventing incidence of illness; in maintaining good health (e.g. NCDs and Infectious diseases)
- d) Adverse reaction and side-effects of medicines
- e) Drug interactions
- f) Indications and contraindications of medicines
- g) Antimicrobial resistance (causes and how to prevent in clinical practice)
- h) Use of medicines in special groups (pregnancy, breast-feeding, pediatrics and the Geriatrics);
- i) Current Tanzania Standard Treatment Guidelines (STG) and other treatment Guidelines (Malaria, HIV/AIDS, TB, leprosy etc.)
- a) Supply chain management in health commodities (Store management and storage requirements, FIFO, FEFO, ICT application etc.)
- j) Any contemporary issues

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- o) Tanzania Food, Drugs and Cosmetics (Scheduling of Medicines) Regulations, 2015
- p) Any contemporary issues

4. PROFESSIONAL EXAMINATIONS FOR PHARMACEUTICAL DISPENSERS

PAPER I – BASIC COMPOUNDING, PHARMACEUTICAL CALCULATION AND ITS FORMULATIONS

- a) Compounding of liquid and powder pharmaceutical products and Dosage Forms;
- b) Pharmaceutical Calculations (doses, dilutions and concentrations etc.)

PAPER II – BASIC HOSPITAL AND COMMUNITY PHARMACY PRACTICE

- a) Rational Use of Medicines
- b) Dispensing practice (Prescription interpretation, refills, record keeping, handling Controlled products etc.)
- c) Communication skills, Counselling and educating patients on promoting good Lifestyles, and preventing incidence of illness; in maintaining good health (e.g. NCDs and Infectious diseases)
- d) Adverse reaction and side-effects of medicines
- e) Drug interactions
- f) Indications and contraindications of medicines
- g) Use of medicines in special groups (pregnancy, breast-feeding, pediatrics and the Geriatrics);
- h) Current Tanzania Standard Treatment Guidelines (STG) and other treatment Guidelines (Malaria, HIV/AIDS, TB, Leprosy etc.)
- i) Store management (Storage requirements, FIFO, FEFO etc.)
- j) Any contemporary issues

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- p) Any contemporary issues