

# PHARMACY COUNCIL



## PRE – REGISTRATION AND PROFESSIONAL EXAMINATIONS FORMAT

### 1. PRE-REGISTRATION EXAMINATIONS FOR PHARMACISTS

#### PAPER I – APPLIED PHARMACEUTICAL COMPOUNDING, CALCULATIONS AND ITS FORMULATIONS

- a) Pharmaceutics (Compounding, formulations e.tc)
- b) Quality Assurance (Quality Control,)
- 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, paediatrics, the geriatrics etc.)
- b) Clinical pharmacy in special cases (e.g. renal failure, liver failure, cardiac diseases 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) Adverse reaction and side-effects of medicines
- i) Drug interactions
- j) Indications and contraindications of medicines
- k) Pharmacovigilance and drug interaction
- l) Current Tanzania Standard Treatment Guidelines (STG) and other treatment guidelines (Malaria, HIV/AIDS, TB, leprosy etc.).
- m) Supply chain and management in health commodities (ICT application etc.)
- n) Any contemporary issues (Epidemic diseases)
- o) Infection Prevention and Control and Antimicrobial Resistance

#### PAPER III – LAWS, REGULATIONS, PROFESSIONAL ETHICS AND CONDUCTS

- a) The Pharmacy Act, 2011.
- b) The Pharmacy (Education and Training) Regulations, 2005;
- c) The pharmacy (Registration, enrolment and enlisting of persons) Regulation 2005

- d) Pharmacy Practice Regulations, 2012.
- e) ADDO Regulations, 2019
- f) Pharmacy Professional Ethics and Conduct (Code of Ethics and Professional Conduct, 2015 and ethical practice);
- g) Drug control and Enforcement Act, 2015;
- h) TFDA guideline on International Conventions on Narcotic drugs and Psychotropic substances ratified by United Republic of Tanzania;
- i) The Tanzania Food, Drugs, and Cosmetics Act, 2003
- j) The Tanzania Food, Drugs And Cosmetics (Recall, Handling And Disposal Of Unfit Medicines And Cosmetics) Regulations, 2015
- k) Tanzania Food, Drugs and Cosmetics (Scheduling of Medicines) Regulations, 2015
- a) Any contemporary issues

## **2. PROFESSIONAL EXAMINATIONS FOR PHARMACEUTICAL TECHNICIANS**

### **PAPER I – PHARMACEUTICAL COMPOUNDING, CALCULATIONS AND ITS FORMULATION**

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

### **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, paediatrics 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 (ICT application etc.)
- (k) Any contemporary issues

### **PAPER III – LAWS, REGULATIONS, PROFESSIONAL ETHICS AND CONDUCTS**

- a) The Pharmacy Act, 2011.
- b) Pharmacy Practice Regulations, 2012.
- c) Pharmacy Professional Ethics and Conduct (Code of Ethics and Professional Conduct, 2015 and ethical practice);

- d) TFDA guideline on International Conventions on Narcotic drugs and Psychotropic substances ratified by United Republic of Tanzania;
- e) The Tanzania Food, Drugs, and Cosmetics Act, 2003
- f) Any contemporary issues

### **3. PROFESSIONAL EXAMINATIONS FOR PHARMACEUTICAL ASSISTANTS**

#### **PAPER I – PHARMACEUTICAL COMPOUNDING AND CALCULATIONS**

- (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, paediatrics 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 (ICT application etc.)
- (k) Any contemporary issues

#### **PAPER III – LAWS, REGULATIONS, PROFESSIONAL ETHICS AND CONDUCTS**

- a) The Pharmacy Act, 2011.
- b) Pharmacy Practice Regulations, 2012.
- c) Pharmacy Professional Ethics and Conduct (Code of Ethics and Professional Conduct, 2015 and ethical practice);
- d) TFDA guideline on International Conventions on Narcotic drugs and Psychotropic substances ratified by United Republic of Tanzania;
- e) The Tanzania Food, Drugs, and Cosmetics Act, 2003
- f) Any contemporary issues

#### **4. PROFESSIONAL EXAMINATIONS FOR PHARMACEUTICAL DISPENSERS**

##### **PAPER I – BASIC COMPOUNDING AND PHARMACEUTICAL CALCULATIONS**

- (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, paediatrics 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

##### **PAPER III – LAWS, REGULATIONS, PROFESSIONAL ETHICS AND CONDUCTS**

- a) The Pharmacy Act, 2011.
- b) Pharmacy Professional Ethics and Conduct (Code of Ethics and Professional Conduct, 2015 and ethical practice);
- c) The Tanzania Food, Drugs, and Cosmetics Act, 2003
- d) Any contemporary issues