

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 1221]

**DECEMBER 2021
(MARCH 2021 EXAM SESSION)**

Sub. Code: 2074

**B. PHARMACY DEGREE EXAMINATION
PCI Regulation SEMESTER - VII
PAPER III - PHARMACY PRACTICE
Q.P. Code : 562074**

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Discuss the various drug distribution methods for the inpatients & outpatients with their advantages and disadvantages.
2. Write the purchase procedure followed in hospital and explain about modern technique used in inventory control in hospital pharmacy.
3. Define patient counseling and discuss about the steps and barriers involved in patient counseling.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Define and classify the Adverse Drug Reaction.
2. Explain the significance of hospital formulary.
3. Describe the Drug Information Centre in hospital and its function.
4. Write about role of hospital pharmacist in community health education.
5. Short notes on Over The Counter drugs (OTC).
6. Brief note on pharmacy and therapeutic committee.
7. Explain about budget preparation and implementation.
8. Define hospital pharmacy and discuss the function and objective of hospital pharmacy.
9. Write about types of ward round.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. What is proprietary medicine?
2. Define Lead time.
3. Define and classify the hospital.
4. Define Pharmacovigilance.
5. Write any two name of Health care software.
6. What is coding? Mention different coding methods in medicine management.
7. Write full form of CUDD, DUDD and explain.
8. What is verbal and non-verbal communication order?
9. Write any two examples for pharmacokinetic drug interaction.
10. Example for control drugs.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 0522]

**MAY 2022
(SEPTEMBER 2021 EXAM SESSION)**

Sub. Code: 2074

**B. PHARMACY DEGREE EXAMINATION
PCI Regulation SEMESTER - VII
PAPER III - PHARMACY PRACTICE
Q.P. Code : 562074**

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Detailed note on organization and structure of hospital pharmacy and responsibilities of hospital pharmacist.
2. What is Therapeutic drug monitoring (TDM)? Discuss various factors which influence the TDM.
3. Define hospital formulary. Explain the method of preparation of hospital formulary.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Explain drug distribution system in hospital for inpatient.
2. Define hospital. What are the functions of hospital?
3. a) Idiosyncrasy b) Drug intolerance c) Teratogenicity d) Drug allergy.
4. Add a note on Patient Counseling.
5. a) ABC analysis b) EOQ analysis.
6. Give review on hematology.
7. Short notes on Over The Counter drugs (OTC).
8. Brief note on Pharmacovigilance.
9. Role of pharmacist in educational and training program.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Define and classify the ADR.
2. Define MEDLINE, MEDLAR.
3. Automatic Stop Order (ASO).
4. Write types of outpatients.
5. What is medication adherence?
6. What is coding. Write any two advantages of coding in medicine management.
7. Write full form of FIFO, FEFO and explain.
8. What are income accounts?
9. Write any two examples for beneficial drug interaction.
10. Define community pharmacy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 1022]

**OCTOBER 2022
(MARCH 2022 EXAM SESSION)**

Sub. Code: 2074

**B. PHARMACY DEGREE EXAMINATION
PCI Regulation 2017 - SEMESTER VII
PAPER III - PHARMACY PRACTICE
Q.P. Code : 562074**

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. a) Define Adverse Drug Reaction and classify the ADR with suitable example.
b) Describe the role of pharmacist to monitor ADR.
2. List out and explain different types of distribution system in the hospital.
3. Define Inventory control. Classify various methods of inventory control and explain any one of the methods.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Organization structure of a hospital and the role and responsibilities of a hospital pharmacist.
2. Explain the legal requirements for the license to start a drug store.
3. Discuss the preparation of hospital formulary.
4. Enumerate the factors to be consider for therapeutic drug monitoring.
5. Explain various methods to find medication non adherence.
6. Describe in details about the roles and responsibilities of pharmacist in PTC.
7. Explain the steps involved in patient counseling.
8. Rational use of over-the-counter (OTC) drugs.
9. Give a detailed note on interpretation of pulmonary function tests.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Various types of hospitals.
2. Contents of hospital formulary.
3. Dispensing of proprietary products.
4. Significance of ABC analysis.
5. Drug- food interactions with example.
6. EOQ.
7. Objective of budget preparation.
8. Tidal volume.
9. Barriers of patients counseling.
10. Therapeutic drug monitoring of phenytoin.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0323]

**MARCH 2023
(SEPTEMBER 2022 EXAM SESSION)**

Sub. Code: 2074

**B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)
PCI Regulation 2017 - SEMESTER VII
PAPER III - PHARMACY PRACTICE**

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. What is hospital pharmacy? Discuss typical organizational structure of hospital pharmacy department and its responsibility in health care system.
2. Describe the steps involved in the preparation of hospital formulary.
3. What is drug information center? Discuss in detail about various resources for drug information center. Add note on answering drug information queries.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Classify various types of hospital using different criteria and mention their functions.
2. Write the characteristic features of ideal drug store.
3. Drug interactions and its managements.
4. Brief about the process of Therapeutic Drug Monitoring (TDM).
5. Explain the composition and functions of Pharmacy and Therapeutic committee.
6. List out the barriers in patient counseling and write the solutions to overcome.
7. Explain the need of medication history interview and write the role of clinical pharmacist in it.
8. Purchase and inventory control.
9. Role of pharmacist in education and training programme.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Types of adverse drug reactions.
2. Record linkage system.
3. Unit dose dispensing system.
4. Therapeutic window.
5. Infra structural requirements of community pharmacy.
6. Name any two over the counter (OTC) drugs and writes its counseling points.
7. Investigational use of drugs.
8. Define Glomerular Filtration Rate (GFR) its impact in renal function.
9. Re order quantity level.
10. Code of ethics for community pharmacy.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0823]

**AUGUST 2023
(MARCH 2023 EXAM SESSION)**

Sub. Code: 2074

**B. PHARMACY DEGREE EXAMINATION
PCI Regulation 2017 - SEMESTER - VII
PAPER III - PHARMACY PRACTICE**

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Pharmacokinetic drug interaction with example.
2. Discuss the role of pharmacist in the education and training program.
3. Explain in detail the preparation of Hospital Formulary.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Explain adverse drug reaction following drug withdrawal.
2. Discuss the concept behind medication history interview.
3. Source of drug information.
4. Function and Responsibilities of clinical pharmacist.
5. Discuss the inventory control technique.
6. Therapeutic drug monitoring.
7. Prescribed medication orders.
8. Write the organization and structure of whole sale drug store.
9. Classification of investigational drugs.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Reason for conducting blood chemistry test.
2. Mention the staff requirements in hospital pharmacy.
3. Significance of PTC.
4. Types of Budget.
5. Ward pharmacy.
6. Rational use of drugs.
7. Communication Skills.
8. Dietary Service.
9. Ambulatory patients.
10. Yellow card system.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 1223]

**DECEMBER 2023
(SEPTEMBER 2023 EXAM SESSION)**

Sub. Code: 2074

**B. PHARMACY DEGREE EXAMINATION
PCI Regulation 2017 - SEMESTER - VII
PAPER III - PHARMACY PRACTICE**

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. List out and explain in detail about the various methods of drug distribution in a hospital.
2. Explain in brief about purchase and inventory control.
3. Describe in detail about the various types of adverse drug reaction.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Implementation of budget.
2. Contents of hospital formulary.
3. Discuss the barriers involved in the patient counseling.
4. Ward round participation.
5. Urinalysis.
6. Functions of Pharmacy and therapeutic committee.
7. Classification of Hospital.
8. Requirements in a community pharmacy management.
9. Define drug interaction and its types.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Internal teaching programme.
2. Types of charging policy.
3. Cohort studies.
4. Patient medication history.
5. Function of Hospital Pharmacy.
6. Satellite Pharmacy.
7. Spontaneous case reports.
8. Automatic stop order.
9. Medication –non-adherence.
10. Teratogenicity.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0524]

MAY 2024

Sub. Code: 2074

**B. PHARMACY DEGREE EXAMINATION
PCI Regulation 2017 - SEMESTER - VII
PAPER III - PHARMACY PRACTICE**

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Define Pharmacy and Therapeutic Committee (PTC). Write about the objective, functions and composition of PTC.
2. Discuss in brief notes on Patient Medication History interview.
3. Explain about various methods used for analyzing drug expenditure (Inventory control).

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Write down the Dispensing procedure for controlled drugs.
2. Write note on Therapeutic Drug Monitoring (TDM).
3. Discuss about organization and record maintenance of drug store.
4. Brief note on budget preparation and implementation.
5. Guiding principle to prepare the hospital formulary.
6. Applications of computer in pharmacy.
7. Discuss about barriers involved in patient counseling.
8. Write about methods of detecting Adverse Drug Reaction.
9. Write about Poison Information Centre (PIC).

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Define idiosyncrasy with example.
2. What is dose frequency?
3. Write the types of storage conditions with examples.
4. Example for secondary sources of drug information.
5. What is non-medication adherence?
6. What is coding? Write any two advantages of coding in medicine management.
7. Write full form of BIOSIS, TDP.
8. What are ABC and VED analysis?
9. Write example for OTC drugs.
10. What are the class A investigation drugs?

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 1024]

**OCTOBER 2024
(SEPTEMBER 2024 EXAM SESSION)**

Sub. Code: 2074

**B. PHARMACY DEGREE (SEMESTER EXAMINATIONS)
PCI Regulation 2017 - SEMESTER - VII
PAPER III - PHARMACY PRACTICE**

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions.

(2 x 10 = 20)

1. Describe the location, layout and infrastructure of hospital pharmacy, add a note on role of hospital pharmacists.
2. Define Pharmacy and Therapeutic Committee and discuss its objective and functions in detail.
3. Define budget. Explain in detail about budget preparation and implementation.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. What is therapeutic drug monitoring? Brief the Indian scenario of therapeutic drug monitoring.
2. Enumerate the sources of drug information and write the pros and cons of tertiary source.
3. Enumerate various types of adverse drug reactions with examples; add a note on ADR management.
4. Code of ethics for community Pharmacy.
5. Write different factors affecting the medication adherence of a patient.
6. Explain about the control procedures for distribution of narcotics substance in a hospital.
7. Name any five over the counter (OTC) drugs and write the counseling points.
8. Role of pharmacist in investigational use of drugs.
9. Explain about liver function tests.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Idiosyncrasy.
2. Spontaneous case report.
3. Differentiate hospital formulary and drug list.
4. Causes of medication non-adherence.
5. Contents of medication interview forms.
6. Types of ward rounds.
7. Poison information center.
8. Role of pharmacist in community health education.
9. Write two advantage of individual prescription order.
10. VED analysis.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0325]

MARCH 2025

Sub. Code: 2074

B. PHARMACY DEGREE (SEMESTER EXAMINATIONS)

PCI Regulation 2017 - SEMESTER - VII

PAPER III - PHARMACY PRACTICE

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions.

(2 x 10 = 20)

1. Explain in details about Organisation Structure of Hospital and Medical staffs involved in the hospital and their functions.
2. Define hospital formulary. Explain the method of preparation of hospital Formulary.
3. Explain in details about the process of Therapeutic Drug Monitoring (TDM).

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Define and classify the Adverse Drug Reaction.
2. Write short notes on Over The Counter drugs (OTC).
3. Describe the various systems involved in the dispensing of drugs to inpatients.
4. Describe in details about the roles and responsibilities of pharmacist in PTC.
5. Write the Functions and responsibilities of clinical pharmacist.
6. Discuss the inventory control technique.
7. Write in details about the Poison Information Centre (PIC).
8. Discuss the role of pharmacist in educational and training program.
9. Give a detailed note on interpretation of pulmonary function tests.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Define Pharmacovigilance.
2. Define and Classify Hospitals.
3. Types of Budget.
4. What is verbal and non-verbal communication order?
5. Define MEDLINE and MEDLARS.
6. Write any two name of Health care software.
7. What is Automatic Stop Order (ASO)?
8. Write any two examples for beneficial drug interaction.
9. EOQ.
10. Spontaneous case reports.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[B.PHARM 0925]

SEPTEMBER 2025

Sub. Code: 2074

B. PHARMACY DEGREE (SEMESTER EXAMINATIONS)

PCI Regulation 2017 - SEMESTER - VII

PAPER III - PHARMACY PRACTICE

Q.P. Code: 562074

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions.

(2 x 10 = 20)

1. Define hospital pharmacy and discuss the organization, function and objective of Hospital Pharmacy.
2. Explain in detail about the content and preparation of Hospital Formulary.
3. What is drug information center? Discuss in detail about various resources for drug.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Explain about budget preparation and implementation.
2. Explain the Investigational use of drugs.
3. Discuss about various methods used for analyzing drug expenditure.
4. Give brief notes on Over The Counter drugs (OTC).
5. Explain the function and Responsibilities of Clinical Pharmacist.
6. Role of pharmacist in the interdepartmental communication and community health education.
7. Organisation, functions, Policies of the pharmacy and therapeutic committee.
8. Explain in details about the types of drug distribution systems to Inpatients.
9. Explain the role of pharmacist in improving medication adherence and highlight few counselling barrier.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Define patient counselling.
2. Define lead time.
3. What are the roles of clinical pharmacist in ward rounds?
4. Define investigational drug.
5. Mention the classification of ADR.
6. Indicate the advantages and disadvantages of Unit Dose Distribution System.
7. Define idiosyncrasy. Give examples.
8. Mention few examples of pharmacokinetic drug interactions.
9. Define Primary, Secondary and Tertiary hospital.
10. Write code of ethics for Community pharmacy.
