[LA 811] **APRIL 2012** **Sub. Code: 3811**

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. a) Define pharmaceutical care? Write the functions of pharmaceutical care.	17	40 min.	20
b) Explain the code of ethics for community pharmacists.			
2. a) Define patient medication adherence? Explain the role of pharmacist in improving the adherence.	17	40 min.	20
b) Health screening services for cholesterol test.			

II. Write notes on :

1. Describe about patient counseling.	4	10 min.	6
2. Define prescription and write the parts of prescription.	4	10 min.	6
3. Role of pharmacist in rational drug use.	4	10 min.	6
4. Role of pharmacist in family planning.	4	10 min.	6
5. Define OTC medication? List the categories of OTC medication.	4	10 min.	6
6. Scope of community pharmacy.	4	10 min.	6
7. What are the legal requirements to open a drug store?	4	10 min.	6
8. Define inventory control and explain about the various methods of ABC, VED and lead time.	4	10 min.	6
9. Write the pathophysiology and common drug therapy to the following diseases: (i) Constipation (ii) Dyspepsia.	4	10 min.	6
10. Write notes on clinical presentation of the following diseases: (i) Tuberculosis (ii) AIDS.	4	10 min.	6

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[LB 811] **OCTOBER 2012** **Sub. Code: 3811**

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Explain various inventory control techniques with detailed description to ABC & VED analysis.	17	40 min.	20
2. a) Discuss pharmaceutical care in detail. b) Write elaborately on communicable diseases and role of a community pharmacist in preventing it.	17	40 min.	20

II. Write notes on :

1. What are the principles and barriers of patient counseling?	4	10 min.	6
2. Explain the identification of medication related problems in prescriptions.	4	10 min.	6
3. What are the importance's of health screening services in a community pharmacy?	4	10 min.	6
4. What is the treatment and how to prevent Vitamin A deficiency?	4	10 min.	6
5. What are the factors that affect patient medication adherence?	4	10 min.	6
6. Write a short note on intra ulterine devices.	4	10 min.	6
7. Explain the pathophysiology of pain.	4	10 min.	6
8. Discuss briefly the essential drug list.	4	10 min.	6
9. Write about the selection of site, space layout and design of community pharmacy.	4	10 min.	6
10. Discuss the roles and responsibilities of a community pharmacist.	4	10 min.	6

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[LC 811] **APRIL 2013** **Sub. Code: 3811**

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time: Three Hours **Maximum: 100 marks**

Answer All questions

I. Elaborate on: **(2 x 20 = 40)**

1. a) Define pharmaceutical care? Write the functions of pharmaceutical care.

   b) Explain the code of ethics for community pharmacists.

2. a) Define patient medication adherence?
   Explain the role of pharmacist in improving the adherence.

   b) Health screening services for cholesterol test.

II. Write notes on: **(10 x 6 = 60)**

1. Describe about patient counseling.
2. Define prescription and write the parts of prescription.
3. Role of pharmacist in rational drug use.
4. Role of pharmacist in family planning.
5. Define OTC medication? List the categories of OTC medication.
6. Scope of community pharmacy.
7. What are the legal requirements to open a drug store?
8. Define inventory control and explain about the various methods of ABC, VED and lead time.
9. Write the pathophysiology and common drug therapy to the following diseases:
   (i) Constipation (ii) Dyspepsia.
10. Write notes on clinical presentation of the following diseases
    (i) Tuberculosis (ii) AIDS.

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[LD 811] **OCTOBER 2013** **Sub. Code: 3811**

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time: Three Hours **Maximum: 70 marks**

Answer All questions

I. Elaborate on: **(2 x 20 = 40)**

1. a) Discuss the strategies to improve Rational use of drugs.

   b) Selection of site and staffs for a community pharmacy.

2. a) Define Balanced diet. Write note on vitamins deficiency and its prevention.

   b) Role of pharmacist in improving patient medication adherence.

II. Write notes on: **(10 x 3 = 30)**

1. Clinical presentations and prevention of typhoid.
2. Lung function tests.
3. Patient information leaflets.
4. Pathophysiology and therapy to pyrexia.
5. Factors affecting medication adherence.
6. Pharmacist's role in pharmaceutical care.
7. Various stages in patient counselling
8. Define inventory control. List out various methods of inventory control.
9. Drug therapy for diarrhea.
10. Uses of computer in community pharmacy.

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[LE 811] **APRIL 2014** **Sub. Code: 3811**

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time: Three Hours **Maximum: 70 marks**

Answer All questions

I. Elaborate on: **(2 x 20 = 40)**

1. a) Pathophysiology and drug therapy to Opthalmic symptoms.

   b) Define health. Describe the care for geriatric patients by health promotion.

2. a) Barriers and strategies to overcome barriers of patient counseling.

   b) Name the nutritional deficiencies of diet.
   Explain the role of pharmacist in nutritional counseling.

II. Write notes on: **(10 x 3 = 30)**

1. Clinical presentation and prevention of amoebiasis.
2. Importance of pharmaceutical care.
3. Drug therapy for constipation.
4. Clinical presentations and prevention of leprosy.
5. Methods for Blood pressure screening.
6. Maintenance of various registers in community pharmacy.
7. Care for children by health promotion.
8. Guidelines for rational use of injections.
9. Processing of prescription.
10. Use of computers in healthcare.

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[LF 811] **OCTOBER 2014** **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 marks**

I. Elaborate on : **(4x 10 = 40)**

1. Define Balance diet. Explain briefly about Vitamin deficiency disease.
2. Explain the Code of ethics for community Pharmacists.
3. Briefly explain the Family planning methods and its importance.
4. Explain the types, pathophysiology and management of Pain.

II. Write notes on : **(6 x 5 = 30)**

1. Define OTC medication. List the categories of OTC medication.
2. Give the Prevention and treatment of Tuberculosis.
3. Explain Protein deficiency disorders.
4. Role of Pharmacist in Rational Drug therapy.
5. Explain the life cycle of Malarial parasite.
6. Write note on Conjunctivitis.

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[LG 811] **APRIL 2015** **Sub. Code: 3811**

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

(2009-2010 Regulation)

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time: Three Hours **Maximum: 70 marks**

Answer All questions

I. Elaborate on: **(4 x 10 = 40)**

1. Explain the factors affecting medication adherence and how to improve the adherence?
2. Explain the various factors leads to medication errors.
3. What are the Health promotion and care for Geriatric patients?
4. Explain the applications of computers in community Pharmacy.

II. Write notes on: **(6 x 5 = 30)**

1. What are the contents and layout of patient information leaflets?
2. Explain the pathology of AIDS.
3. Write note on essential drug list.
4. Write a note on Glaucoma.
5. What are the methods to arrange the drugs in community pharmacy?
6. What are the treatment and prevention methods for Hepatitis?

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[LH 811] **OCTOBER 2015** **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION

(2009-2010 Regulation)

SECOND YEAR

PAPER V – COMMUNITY PHARMACY

Q.P. Code : 383811

Time: Three Hours **Maximum: 70 marks**

Answer ALL questions

I. Elaborate on : **(4 x 10 = 40)**

1. Briefly explain the parts of prescription and give the various sources of Medication errors.
2. Explain the elements, outcomes and causes of Pharmaceutical Care.
3. Define patient counseling. Briefly explain the steps, barriers and outcomes of patient counseling.
4. Write essay on definition, functions and various techniques of Inventory Control.

II. Write notes on : **(6 x 5 = 30)**

1. What are the legal requirements for establishment of Community Pharmacy?
2. Give the applications of Computer in Health Care Services.
3. What are the factors affecting the Patient Compliance?
4. What is the significance of Health screening Services?
5. Explain Vitamin A deficiency disorders.
6. Screening tests for blood sugar.

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[LI 811] APRIL 2016 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code: 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on : **(4 x 10 = 40)**

1. Write in detail about types of Hepatitis and its prevention.
2. Define Pharmaceutical care and explain about SOAP analysis.
3. Explain health screening services and explain the method for Screening Cholesterol.
4. Define Medication Adherence and indicators to measure Adherence.

II. Write notes on: **(6 x 5 = 30)**

1. Maintenance of various registers in Community Pharmacy.
2. Write briefly about the patient information leaflet.
3. Explain the Vitamin B_{12} deficiency.
4. Clinical presentation and prevention of Typhoid.
5. Write in detail about care for children.
6. Explain the lead time and safety stock.

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[LJ 811] OCTOBER 2016 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define Pharmaceutical care and discuss the steps involved of pharmaceutical care.
2. Explain various inventory control techniques with a detailed note on ABC analysis technique.
3. Discuss in detail the concept of Rational Drug use.
4. Explain various techniques used to improve the Medication adherence.

II. Write notes on: **(6 x 5 = 30)**

1. Discuss briefly about the importance of a health screening test for a community pharmacist.
2. Write briefly about selection of site, space layout, and design of a community pharmacy.
3. Explain various parts of a prescription.
4. Write the importance of a patient information leaflet.
5. What are communicable diseases? Explain briefly the role of a community pharmacist.
6. What are the patho-physiology and treatment options for Diarrhoea?

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[LK 811] MAY 2017 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Write a detailed note on the code of Ethics for a community pharmacist.
2. Explain the Barriers that are to be overcome by a pharmacist while providing patient counseling.
3. Write a detailed note on OTC Drugs and its handling.
4. Explain the concept of Family Planning.

II. Write notes on: **(6 x 5 = 30)**

1. What are essential drug list and its importance?
2. Write a brief note on the use of computers in a community pharmacy.
3. Compare ABC and VED analysis techniques in inventory control.
4. Define medication adherence and discuss the factors affecting it in brief.
5. Explain the screening of Diabetes Mellitus in a community pharmacy.
6. What are vector borne diseases and explain briefly about Dengue fever?

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[LL 811] OCTOBER 2017 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code: 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Explain the various methods of inventory control, advantage and its disadvantages of each.
2. Write in detail about care for pregnant women.
3. Explain the roles and responsibilities of community pharmacist.
4. Discuss the various steps involved in patient counseling.

II. Write notes on: **(6 x 5 = 30)**

1. Brief about pyrexia.
2. Explain the rational drug therapy.
3. Explain the Vitamin C deficiency.
4. Write a note on FARM.
5. Describe about types of medication errors.
6. Write in detail about materials coding and stocking.

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

[LM 811] MAY 2018 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define pharmaceutical care and discuss the principles of pharmacotherapy-SOAP, FARM note.

2. Explain in detail about care for Geriatric patients.

3. Explain the role and responsibilities of community pharmacist in rational drug therapy.

4. Explain the design and legal requirements for community pharmacy management.

II. Write notes on: **(6 x 5 = 30)**

1. Life cycle of malaria.
2. Processing of prescription.
3. Use of computers in health care.
4. Barriers of patient counselling.
5. Factors affecting medication adherence.
6. Pathophysiology and therapy for diarrhoea.

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

[LN 811] OCTOBER 2018 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define patient medication adherence. Explain the role of pharmacist in improving the adherence.

2. Define inventory control and explain about the various methods of ABC and VED.

3. Name the nutritional deficiencies of Diet. Explain the role of pharmacist in nutritional counseling.

4. Explain the types, pathophysiology and management of Pain.

II. Write notes on: **(6 x 5 = 30)**

1. Role of pharmacist in rational drug therapy.
2. Give the prevention and treatment of tuberculosis.
3. Write a note on essential drug list.
4. What are the contents and layout of patient information leaflet?
5. Give the applications of computer in health care services.
6. Explain various parts of prescription.

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

[LO 811] MAY 2019 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define patient counseling and write the barriers and strategies to overcome barriers in patient counselling.

2. Clinical presentations and prevention of tuberculosis.

3. Write essay on family planning and methods of family planning. Role of pharmacist in family planning.

4. Define Health screening services. Explain the methods for screening of blood sugar.

II. Write notes on: **(6 x 5 = 30)**

1. Explain the lead time and safety stock.
2. CORE and PRIME pharmacotherapy.
3. Maintenance of various registers in community pharmacy.
4. Clinical presentation and prevention of Hepatitis.
5. Pathophysiology and common drug therapy for nausea and vomiting.
6. Write the various sources of medication errors.

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

[LP 811] OCTOBER 2019 **Sub. Code: 3811**

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
SECOND YEAR
PAPER V - COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Explain the pathophysiology, common drug therapy to Gastrointestinal disturbances.
2. Health screening services for cholesterol test.
3. Write elaborately on communicable diseases and role of a community pharmacist in preventing it.
4. Explain patient information leaflets-content, design & layouts, advisory labels.

II. Write notes on: **(6 x 5 = 30)**

1. Define prescription and write the parts of prescription.
2. Scope of community pharmacy.
3. Write the clinical presentations and prevention of Tuberculosis.
4. Write a note on essential drugs concept.
5. Methods for Blood pressure screening.
6. Explain Protein deficiency disorders.

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

[PHARMD 0321] **MARCH 2021** **Sub. Code: 3811**

(OCTOBER 2020 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION

SECOND YEAR (2009-2010 Regulation)

PAPER V – COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Elaborate the roles and responsibilities of Community pharmacists.
2. Write a detailed note on pharmaceutical care process.
3. Explain the different methods of Inventory Control.
4. Explain the code of ethics for Community pharmacists.

II. Write notes on: **(6 x 5 = 30)**

1. Elaborate on Leprosy.
2. Define patient counseling and write a note on counseling aids.
3. Write a note on Essential Drugs concept.
4. Write a note on worm infestations.
5. Explain the methods for screening blood cholesterol.
6. Write a note on OTC medications.

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

[PHARMD 0122] **JANUARY 2022** **Sub. Code: 3811**
(OCTOBER 2021 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER V – COMMUNITY PHARMACY
Q.P. Code : 383811

Time : Three hours **Answer ALL Questions** **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define patient counseling and explain the steps.
2. Explain the code of ethics for community pharmacists.
3. Detail on care for children.
4. Define Inventory control. Explain the different methods of Inventory control.

II. Write notes on: **(6 x 5 = 30)**

1. Write a note on ophthalmic symptoms.
2. Explain the role of pharmacists in improving medication adherence.
3. Explain Essential Drug Concept.
4. Write a note on Pyrexia.
5. Explain the methods for screening blood sugar.
6. Elaborate on Hepatitis.

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

[PHARMD 0522] **MAY 2022** **Sub. Code: 3811**

(APRIL 2022 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION

SECOND YEAR (2009-2010 Regulation)

PAPER V – COMMUNITY PHARMACY

Q.P. Code : 383811

Time : Three hours **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define Medication adherence and explain the factors affecting Medication adherence.
2. Elaborate on the selection of site, space layout and design of Community pharmacy.
3. Explain the role of pharmacists in family planning.
4. Detail on care for Pregnant & Breast feeding women.

II. Write notes on: **(6 x 5 = 30)**

1. Write a note on Pain.
2. Define inventory control and write the methods of inventory control.
3. Elaborate on Patient Information Leaflet.
4. Define health and explain the methods for screening lung function.
5. Write a note on worm infestations.
6. Write a note on Vitamin deficiency disorders.

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

[PHARMD 1122] **NOVEMBER 2022** **Sub. Code: 3811**
(OCTOBER 2022 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER V – COMMUNITY PHARMACY
Q.P. Code : 383811

Time : Three hours **Answer ALL Questions** **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Write a detailed note on OTC Drugs and its handling.
2. Discuss in detail on protein deficiency disorders.
3. Define Patient Medication Adherence. Explain the factors affecting medication adherence.
4. Discuss on the selection of site, space layout and design of community pharmacy.

II. Write notes on: **(6 x 5 = 30)**

1. Role of pharmacist in drug procurement and inventory control for rational drug use.
2. Write the pathophysiology and common drug therapy for constipation.
3. Steps and barriers in patient counseling.
4. Role of pharmacist in health screening services.
5. Role of pharmacist in family planning.
6. Health promotion.

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

[PHARMD 0423] **APRIL 2023** **Sub. Code: 3811**

PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time : Three hours **Answer ALL Questions** **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define community pharmacy. Explain the roles and responsibilities of Community Pharmacist.
2. Define Inventory Control. Discuss the various methods of Inventory Control.
3. Discuss in detail on vitamin deficiency disorders and its prevention.
4. Discuss the clinical presentation, prevention and management of sexually transmitted diseases.

II. Write notes on: **(6 x 5 = 30)**

1. Write the content of Patient information leaflets.
2. Role of pharmacist in medication adherence.
3. Pathophysiology and drug therapy to pyrexia.
4. Clinical presentation and prevention of hepatitis.
5. Code of ethics for community pharmacists.
6. Care for geriatric patients.

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

[PHARMD 1023] **OCTOBER 2023** **Sub. Code: 3811**

PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER V – COMMUNITY PHARMACY

Q.P. Code: 383811

Time : Three hours **Answer ALL Questions** **Maximum : 70 Marks**

I. Elaborate on: **(4 x 10 = 40)**

1. Define Patient Counseling. Explain the steps and barriers involved in the patient counseling.
2. Explain the factors affecting medication adherence and Role of pharmacist to improve the adherence.
3. Explain the role of pharmacist in Family planning and rational drug use.
4. Explain briefly about community pharmacy management.

II. Write notes on: **(6 x 5 = 30)**

1. Write about the Pathophysiology and general treatment to treat Typhoid.
2. Write a note on the clinical and legal checking of prescriptions.
3. Define OTC medication. List the categories of OTC medication.
4. Write briefly about the Essential drug concept.
5. Write a note on Roles and Responsibilities of a Community Pharmacist.
6. Write briefly about the patient information leaflet.

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