

[KX 828]

SEPTEMBER 2010

Sub. Code: 3828

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(Regulations 2008-2009)

(Candidates admitted from 2008-2009 onwards)

FIFTH YEAR

PAPER IV – PHARMACOTHERAPEUTICS – I & II

PAPER VII – PHARMACOTHERAPEUTICS – I & II

(For Fourth Year 2009-2010 Batch)

Q.P. Code: 383828

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Define Asthma.

Write the etiology, clinical manifestations and management of Asthma.

2. Write the Etiopathogenesis, Clinical manifestations and Pharmacotherapy of Rheumatoid Arthritis.

II. Write notes on:

(6 x 5 = 30)

1. Oral Contraceptives.

2. Syphilis.

3. Pathogenesis of Tuberculosis.

4. Clinical types of Psoriasis.

5. Oral hypoglycemic agents.

6. Bacterial Conjunctivitis.

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**DEGREE EXAMINATION****FOURTH YEAR****PAPER VII – PHARMACOTHERAPEUTICS – I & II****(For 2009-2010 Batch)*****Q.P. Code: 383828*****Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

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|--|----|---------|----|
| 1. Explain the pathophysiology, symptoms and pharmacotherapy of Diabetes mellitus. | 17 | 40 min. | 20 |
| 2. Discuss the pathogenesis, mode of transmission and treatment of HIV infection. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Management of Asthma. | 4 | 10 min. | 6 |
| 2. Prescribing guidelines in Pediatrics. | 4 | 10 min. | 6 |
| 3. Pharmacotherapy of Urinary Tract Infections. | 4 | 10 min. | 6 |
| 4. Bacterial Conjunctivitis. | 4 | 10 min. | 6 |
| 5. Management of Chronic Renal Failure. | 4 | 10 min. | 6 |
| 6. Role of pharmacist in rational drug use. | 4 | 10 min. | 6 |
| 7. Pharmacotherapy of Gout. | 4 | 10 min. | 6 |
| 8. Pharmacotherapy of congestive heart failure. | 4 | 10 min. | 6 |
| 9. Treatment of Syphilis. | 4 | 10 min. | 6 |
| 10. Oral Contraceptives. | 4 | 10 min. | 6 |

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**DEGREE EXAMINATION****FOURTH YEAR****(For Fourth Year 2009-2010 Batch)****PAPER VII – PHARMACOTHERAPEUTICS – I & II*****Q.P. Code: 383828*****Time: Three Hours****Maximum: 100 marks****Answer All questions****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|---------|----|
| 1. What is cancer? Explain the general principle of cancer chemotherapy, Clinical manifestation and Management of breast cancer. | 17 | 40 min. | 20 |
| 2. Define thyroiditis. Explain the Pathophysiology, Clinical manifestation and management of thyroid diseases. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Management of hyperlipidemias. | 4 | 10 min. | 6 |
| 2. Pharmacotherapy of conjunctivitis. | 4 | 10 min. | 6 |
| 3. Rational use of antibiotics. | 4 | 10 min. | 6 |
| 4. Types of respiratory tract infections. | 4 | 10 min. | 6 |
| 5. Management of gastroenteritis. | 4 | 10 min. | 6 |
| 6. Pharmacotherapy of systemic lupus erythematosus. | 4 | 10 min. | 6 |
| 7. Drug induced pulmonary diseases. | 4 | 10 min. | 6 |
| 8. Chemotherapy of leukemia. | 4 | 10 min. | 6 |
| 9. Types of renal dialysis. | 4 | 10 min. | 6 |
| 10. Management of congestive cardiac failure. | 4 | 10 min. | 6 |

[LD 828]

OCTOBER 2013

Sub. Code: 3828

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

FOURTH YEAR

(For Fourth Year 2009-2010 Batch)

PAPER VII – PHARMACOTHERAPEUTICS – I & II

Q.P. Code: 383828

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the etiology, pathogenesis, symptoms and management of Tuberculosis.
2. Explain the pathophysiology, clinical presentation & treatment of rheumatoid arthritis.

II. Write notes on:

(10 x 3 = 30)

1. Pharmacotherapy of Congestive Cardiac Failure.
2. General prescribing guidelines for Paediatrics.
3. Role of pharmacist in rational drug use.
4. Etiopathogenesis of Acute Renal Failure.
5. Chemotherapy of Breast Cancer.
6. Management of COPD.
7. Hormone Replacement Therapy.
8. Treatment of Malaria.
9. Management of Psoriasis.
10. Treatment of Open Angle Glaucoma.

[LF 828]

OCTOBER 2014

Sub. Code: 3828

DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)

DEGREE EXAMINATION

(2009-2010 Regulation)

FOURTH YEAR

PAPER VII – PHARMACOTHERAPEUTICS – I & II

Q.P. Code: 383828

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(4 x 10 = 40)

1. Therapy and management of Angina Pectoris.
2. General Pathology of Tuberculosis and its systemic transmission.
3. Management and therapy of chronic obstructive pulmonary disorder (COPD).
4. Hormone replacement therapy.

II. Write notes on:

(6 x 5 = 30)

1. Difference between rheumatoid arthritis and osteoarthritis.
2. Cell cycle and its significance in cancer chemotherapy.
3. Pathophysiology of meningitis.
4. Classification of Anti - viral drugs.
5. Drug induced pulmonary disorders.
6. Give the adult dose, frequency and adverse effects of following drugs:
 - a. Digoxin.
 - b. Methotrexate.
 - c. Spironolactone.
 - d. Fluconazole.
 - e. Albendazole.

[LH 828]

OCTOBER 2015

Sub. Code: 3828

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)**

FOURTH YEAR

PAPER VII – PHARMACOTHERAPEUTICS - I & II

Q.P. Code : 383828

Time: Three Hours

Maximum: 70 marks

Answer ALL questions

I. Elaborate on :

(4 x 10 = 40)

1. Define and classify Acute Renal Failure. Briefly discuss about treatment goals and therapeutic management of Acute Renal Failure.
2. Discuss about etiology, classification and therapeutic management of Eczema.
3. Describe the etiology, pathogenesis, clinical features and investigations of diabetes.
4. Etiopathogenesis and pharmacotherapy involved in Bronchitis and emphysema.

II. Write notes on :

(6 x 5 = 30)

1. Pathogenesis of gout.
2. Antimalarial drugs with mechanism and side effects.
3. Give note on Gonorrhea.
4. What are the steps to be followed for rational drug use?
5. Brief note on pharmacotherapy of Bacterial and viral conjunctivitis.
6. Prescribe the guidelines of pregnant patients for their drug use.

[LJ 828]

OCTOBER 2016

Sub. Code: 3828

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VII – PHARMACOTHERAPEUTICS – I & II**

Q.P. Code: 383828

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain the etiology, pathophysiology and symptoms of Congestive Heart failure.
2. Discuss immunosuppressive agents and applications.
3. Pharmacotherapy and management of Myocardial Infarction.
4. Pharmacotherapy of Alzheimer's disease.

II. Write notes on:

(6 x 5 = 30)

1. Electrophysiology of Heart.
2. Prescribing guidelines for Geriatrics.
3. Neuralgias.
4. DOTS therapy.
5. Differentiate between Asthma and COPD.
6. Types of Glaucoma.

[LL 828]

OCTOBER 2017

Sub. Code: 3828

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER VII – PHARMACOTHERAPEUTICS – I & II**

Q.P. Code : 383828

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain the pathophysiology and pharmacological management of Hypertension.
2. Pharmacotherapy of Rheumatoid Arthritis.
3. Classify types of Epilepsy and Anti-epileptic drugs.
4. Explain pathophysiology and pharmacotherapy of Stroke.

II. Write notes on:

(6 x 5 = 30)

1. Oral Contraceptives.
2. Prescribing guidelines for Pediatrics.
3. Difference between ARF and CRF.
4. Treatment of Gout.
5. Role of pharmacist in rational drug use.
6. Anti-thyroid drugs.

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

[PHARMD 0321]

MARCH 2021

Sub. Code: 3828

(OCTOBER 2020 EXAM SESSION)

PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION

FOURTH YEAR

PAPER VII – PHARMACOTHERAPEUTICS – I & II

Q.P. Code : 383828

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. A) Define Congestive Heart Failure; discuss the pathophysiology and clinical symptoms of congestive heart failure.
B) Write about the pharmacotherapy management of congestive heart failure.
2. Explain in detail about Thyroid disorders.
3. Explain Rheumatoid Arthritis. Add notes on the pharmacotherapy of Rheumatoid Arthritis.
4. a) Define Acute Renal Failure. Discuss briefly the pathophysiology and clinical manifestation of acute renal failure.
b) Discuss the pharmacotherapy of acute renal failure.

II. Write notes on:

(6 x 5 = 30)

1. Pharmacist's common therapeutic problems in the treatment of breast cancers.
2. What is essential drug concept? Write about pharmacist role in essential drug concept.
3. Pharmacotherapy management of Tuberculosis.
4. Discuss about the anti asthmatic drugs.
5. Prescribing guidelines for Pediatric patients.
6. Psoriasis.

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

[PHARMD 0522]

MAY 2022

Sub. Code: 3828

(APRIL 2022 EXAM SESSION)

PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION

FOURTH YEAR

PAPER VII – PHARMACOTHERAPEUTICS – I & II

Q.P. Code : 383828

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. A) Define Hypertension; discuss the types, pathophysiology and clinical symptoms of hypertension.
B) Write the pharmacotherapy management of hypertension.
2. A) Define Chronic Obstructive Airway Diseases. Discuss about etiology, types and clinical symptoms of the same.
B) Write the pharmacotherapy of chronic obstructive airway diseases.
3. Explain Osteoarthritis. Add notes on the pharmacotherapy of osteoarthritis.
4. A) Define Chronic Renal Failure. Discuss briefly the pathophysiology and clinical manifestation of chronic renal failure.
B) Discuss the pharmacotherapy of chronic renal failure.

II. Write notes on:

(6 x 5 = 30)

1. Pharmacist's common therapeutic problems in the treatment of Tuberculosis.
2. Management of chemotherapy induced nausea and vomiting.
3. Pharmacotherapy management Diabetes Mellitus.
4. Discuss about the anti anginal drugs.
5. Prescribing guidelines for Geriatric patients.
6. Glaucoma.

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

[PHARMD 0423]

APRIL 2023

Sub. Code: 3828

**PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION
FOURTH YEAR
PAPER VII – PHARMACOTHERAPEUTICS – I & II**

Q.P. Code: 383828

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain in detail about thyroid disorders and its management.
2. Write in detail about aetiology, clinical manifestations of asthma and its Management using Salbutamol and Leukotriene receptor antagonist.
3. Discuss in detail about Scabies and therapeutic management of Scabies.
4. Detail the mode of transmission and treatment of HIV infection.

II. Write notes on:

(6 x 5 = 30)

1. Management of Gout.
2. Types of Conjunctivitis.
3. Management for chloroquine resistant malaria.
4. Management of chronic renal failure.
5. Drug induced pulmonary disease with suitable examples.
6. Prescribing guidelines for Paediatrics.

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

[PHARMD 1023]

OCTOBER 2023

Sub. Code: 3828

**PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION
FOURTH YEAR
PAPER VII – PHARMACOTHERAPEUTICS – I & II**

Q.P. Code: 383828

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Discuss the aetiology and pharmacotherapy of urinary tract infection.
2. Describe in management of hypertension using diuretics and ACE inhibitors.
3. Explain the pathophysiology and management of chronic renal failure.
4. Write in detail the aetiology and pharmacotherapy of hypothyroidism.

II. Write notes on:

(6 x 5 = 30)

1. Different stages of breast cancer.
2. Surgical prophylaxis with examples.
3. Clinical symptoms and management of osteoarthritis.
4. Pulmonary function tests and its interpretation.
5. Complications of hormone replacement therapy.
6. Drug induced renal disorders with suitable examples.

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

[PHARMD 0424]

APRIL 2024

Sub. Code: 3828

**PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION
FOURTH YEAR
PAPER VII – PHARMACOTHERAPEUTICS – I & II**

Q.P. Code: 383828

Time: Three hours

Answer ALL Questions

Maximum: 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain the pharmacotherapy of systemic hypertension using diuretics and ACE inhibitors.
2. Write in detail about etiology, clinical manifestations and management of bronchial asthma.
3. Discuss the etiology, classification and therapeutic management of respiratory tract infections.
4. Explain the basic principles of cancer chemotherapy.

II. Write notes on:

(6 x 5 = 30)

1. Management of glaucoma.
2. Treatment of gout.
3. Treatment regimen for pulmonary tuberculosis.
4. Drug induced renal disorders.
5. Etiology and treatment of psoriasis.
6. Prescribing guidelines for geriatric patients.

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

[PHARMD 1024]

OCTOBER 2024

Sub. Code: 3828

**PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION
FOURTH YEAR
PAPER VII – PHARMACOTHERAPEUTICS – I & II**

Q.P. Code: 383828

Time: Three hours

Answer ALL Questions

Maximum: 70 Marks

I. Elaborate on:

(4x10=40)

1. Write in detail about pathophysiology, aetiology and management of COPD.
2. Explain the clinical presentation and treatment of Rheumatoid Arthritis.
3. Describe the classification of heart failure and its management.
4. Discuss the aetiology and management of Tuberculosis.

II. Write notes on:

(6x5=30)

1. Different stages of chronic kidney disease.
2. Factors that cause irrational drug use.
3. Types of Glaucoma.
4. Manifestation and management of leukaemia.
5. Management of bullous impetigo.
6. Differentiate hyper and hypothyroidism.

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

[PHARMD 0425]

APRIL 2025

Sub. Code: 3828

PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION

FOURTH YEAR (2009-2010 Regulation)

PAPER VII – PHARMACOTHERAPEUTICS – I & II

Q.P. Code: 383828

Time: Three hours

Answer ALL Questions

Maximum: 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Discuss the primary goals of managing arrhythmias and how they differ based on the type and severity of the arrhythmia.
2. Write in detail on Pathophysiology and management of COPD.
3. What are the primary goals of managing thyroid disorders and how do they differ between hypo- and hypothyroidism?
4. What are the primary goals of managing Septicaemia and how do they differ between the acute phase and recovery phase of the condition?

II. Write notes on:

(6 x 5 = 30)

1. Enlist the potential side effects and complications associated with different cancer therapies and how are they managed?
2. What are the primary symptoms and diagnostic criteria used to identify spondylitis and how do they differ between different types of spondylitis?
3. Write the underlying principles of renal dialysis and how does it function to replace kidney function in patients with end-stage renal disease (ESRD)?
4. Different types of breast cancer and its management.
5. Principles underlying pulmonary function tests (PFTs).
6. Management of Osteoarthritis.
