

[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.

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**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.)**

- |  |    |         |    |
|--|----|---------|----|
| 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 |

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**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 (Max.)	Time (Max.)	Marks (Max.)
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- |  |    |         |    |
|--|----|---------|----|
| 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 |

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[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.

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[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.

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[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 Gonorrhoea.
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.

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[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.

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[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.

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**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.

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**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.

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**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.

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