

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

[LM 976]

MAY 2018

Sub. Code: 2976

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code : 262976*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Give an account of pathways and management of pain and inflammation.
2. Explain the pathophysiology, investigations and treatment of Parkinson's disease.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Anti HIV drugs.
2. Urinary tract infections.
3. Chemotherapy for Breast cancer.
4. Pathophysiology of Anemia.
5. Drug induced renal diseases.
6. Respiratory tract infections.
7. Dengue fever.

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

[LN 976]

NOVEMBER 2018

Sub. Code: 2976

**M.PHARM. DEGREE EXAMINATION  
(PCI New regulations 2016)  
SEMESTER-II  
BRANCH-V – PHARMACY PRACTICE – MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code : 262976*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Discuss the general guidelines for rational use of antibiotics & surgical prophylaxis.  
b) Describe the various Hormone Replacement Therapy with suitable examples.
2. a) Discuss the various pain pathways and management of pain.  
b) Describe the management of Pulmonary Tuberculosis.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Types and management of Epilepsy.
2. Pharmacotherapy of anxiety & sleep disorders.
3. Management of Upper Respiratory Tract Infection.
4. Pharmacotherapy of Breast Cancer.
5. Drug Induced Renal Disorders.
6. Pharmacotherapy of Gastroenteritis.
7. Management of Bacterial Meningitis.

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

[LO 976]

MAY 2019

Sub. Code: 2976

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code : 262976*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the stages and management of non small cell Lung Cancer.
2. Describe aetiology, clinical symptoms, investigation and management of Human Immunodeficiency Virus.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Short notes on fungal infection.
2. Management of chloroquine resistant plasmodium falciparum infection.
3. Treatment for Migraine.
4. Short notes on Renal dialysis.
5. Drug induced psychiatric disorder.
6. Brief about Dysmenorrhoea.
7. Write the determinants of irrational use of antibiotics.

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

[LP 976]

NOVEMBER 2019

Sub. Code: 2976

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code : 262976*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Discuss the pathogenesis, symptoms and management of Acute Renal Failure.  
b) Describe the various Drug Induced disorders with suitable examples.
2. a) Discuss the general principles of Cancer Chemotherapy.  
b) Describe the pharmacotherapy of Breast Cancer.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Types and management of Stroke.
2. Pharmacotherapy of Schizophrenia.
3. Management of Urinary Tract Infection.
4. Treating opportunistic infection.
5. Management of Pain.
6. Pharmacotherapy of Malaria.
7. Management of Bacterial Endocarditis.

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

[LQ 0121]

**JANUARY 2021**

**Sub. Code: 2976**

**(APRIL 2020 EXAM SESSION)**

**M.PHARMACY DEGREE EXAMINATION**

**SEMESTER-II (PCI New regulations 2016)**

**PHARMACY PRACTICE – MPP**

**PAPER II – PHARMACOTHERAPEUTICS – II**

***Q.P. Code : 262976***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the aetiology, pathophysiology and management of ischemic stroke.
2. Describe the clinical symptoms, pathophysiology of tuberculosis and management of tuberculosis.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Short notes on surgical prophylaxis.
2. Management of anaemia in chronic kidney disease.
3. Short notes on schizophrenia.
4. Benefits and risks of hormone replacement therapy.
5. Types of haematological malignancy.
6. Drug therapy of status epilepticus.
7. Septicemia.

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

**[MPHARM 0921]**

**SEPTEMBER 2021  
(OCTOBER 2020 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER-II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS - II  
*Q.P. Code : 262976***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Discuss the Pharmacotherapy of epilepsy.  
b) Explain the management of chronic renal failure.
2. a) Describe the general prescribing guidelines for cancer chemotherapy.  
b) Discuss the pathogenesis and management of urinary tract infection.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Management of Alzheimer's disease.
2. Treatment for upper respiratory tract infection.
3. Pharmacotherapy of rheumatic fever.
4. Management of lung cancer.
5. Pain pathways and pain management.
6. Drug therapy in malaria.
7. Management of Meningitis.

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

**[MPHARM 0122]**

**JANUARY 2022  
(APRIL 2021 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER-II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS - II  
*Q.P. Code : 262976***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Discuss the therapeutic management of pulmonary tuberculosis.  
b) Explain the pathogenesis and management of Parkinson's disease.
2. Discuss the various psychiatric disorders and their management.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Antibiotics and surgical prophylaxis.
2. Management of gastroenteritis.
3. Treatment for urinary tract infection
4. Management of depression.
5. Drug therapy for chronic renal failure.
6. Pharmacotherapy of lung cancer
7. Dysmenorrhea.

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

**[M.PHARM 0922]**

**SEPTEMBER 2022  
(APRIL 2022 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code : 262976*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain in detail about general principle of cancer chemotherapy and explain about palliative care.
2. Discuss about the etiology, pathophysiology, clinical manifestation and management of acute renal failure.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Drug induced psychiatric disorder.
2. Pain pathway and its management.
3. Note on types of Sleep disorder.
4. Brief about lifecycle with their clinical manifestations in Malaria.
5. Management of Fungal infections.
6. Write about clinical manifestation and management in urinary tract infection.
7. Explain briefly on H1N1.

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

**[M.PHARM 0423]**

**APRIL 2023  
(OCTOBER 2022 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss about pharmacotherapy of Epilepsy.
2. Detail on etiology, pathogenesis and management of Meningitis.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Note on Drug induced renal disease.
2. Brief about management of Gastroenteritis.
3. Brief about hormone replacement therapy.
4. Explain the classification and symptoms of CRF.
5. Give note on Depression.
6. Explain the stages and management of breast cancer.
7. Write about types and pathophysiology of headache.

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

**[M.PHARM 0823]**

**AUGUST 2023  
(APRIL 2023 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain in detail about rational use of antibiotics in multispeciality hospital.
2. Discuss about the pharmacotherapy of Stroke.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Brief about hormone replacement therapy.
2. Note on pathophysiology and clinical manifestations of Bacterial endocarditis.
3. Explain the management in hematological malignancy.
4. Describe the pathogenesis of Tuberculosis.
5. Give note on etiology and management of Upper Respiratory tract infection.
6. Write about management of nausea and vomiting in chemotherapy.
7. Mention the etiology and pathogenesis of HIV.

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

**[M.PHARM 1223]**

**DECEMBER 2023  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Give an account on Pain pathways and management of Pain.
2. General guidelines for the rational use of antibiotics and Surgical Prophylaxis.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Treatment of schizophrenia.
2. Pharmacotherapy of Tuberculosis.
3. Write a brief note on Rheumatic fever.
4. Drug induced renal disease.
5. Respiratory tract infections.
6. Pharmacotherapy of breast cancer.
7. Dengue fever.

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

**[M.PHARM 0524]**

**MAY 2024  
(APRIL 2024 EXAM SESSION)**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Classify Epilepsy and add a note on pathophysiology, clinical presentation and management of Epilepsy.
2. Explain the pathophysiology, clinical investigations and treatment of Malaria.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Use of Non Steroidal Anti Inflammatory agents in the management of Pain.
2. Anti HIV drugs.
3. Headache.
4. Explain the clinical manifestations and management for Rheumatic fever.
5. Gastroenteritis.
6. Urinary tract infections.
7. Management of nausea and vomiting.

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

**[M.PHARM 1124]**

**NOVEMBER 2024**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the pathophysiology, clinical investigations and treatment of Parkinson's disease.
2. General principles of cancer chemotherapy and add a note on chemotherapeutic agents.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Write a note on hormone replacement therapy.
2. Pharmacotherapy of Meningitis.
3. Treatment of Gonorrhoea.
4. Drug induced psychiatric disorders.
5. Alzheimer's disease.
6. Use of Non Steroidal Anti Inflammatory agents in the management of Pain.
7. Pharmacotherapy of Tuberculosis.

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

**[M.PHARM 0425]**

**APRIL 2025**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Define Schizophrenia. Explain the pathophysiology and clinical signs and symptoms of Schizophrenia.  
b) Discuss the disease classification and the pharmacotherapy management Schizophrenia.
2. a) Define Breast Cancer. Explain the risk factors, pathophysiology and clinical conditions of Breast Cancer.  
b) Describe the stages, chemotherapy and patient counseling of Breast Cancer.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Different types of Epilepsy and its management.
2. Renal dialysis.
3. Urinary tract infections and its management.
4. Malaria and its management.
5. HIV and its opportunistic infections.
6. Hormonal replacement therapy.
7. Rheumatic fever and its management.

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

**[M.PHARM 1025]**

**OCTOBER 2025**

**Sub. Code: 2976**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER II – PHARMACOTHERAPEUTICS – II**

*Q.P. Code: 262976*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Evaluate the current treatment options available for Alzheimer's disease, discussing both pharmacological and non-pharmacological strategies.
2. Describe the pharmacological approaches to managing acute kidney injury versus Chronic Kidney disease.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Therapeutic interventions for acute stroke.
2. Management approaches in major depressive disorder.
3. Principles and complications of renal dialysis.
4. Pharmacotherapy of sleep disorders.
5. Management of urinary tract infections.
6. Therapeutic options for menstrual disorders.
7. Treatment protocols for chemotherapy-induced nausea and vomiting.

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