

[KV 819]

SEPTEMBER 2009

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**(Regulations 2008-2009 )**

**(Candidates admitted from 2008-2009 onwards)**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

***Q.P. Code: 383819***

**Time: Three Hours**

**Maximum: 70 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the pathophysiology, clinical manifestations, neurochemical basis and pharmacotherapy of parkinsonism.
2. Describe the pathophysiology, clinical manifestations and pharmacotherapy of viral hepatitis including jaundice.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Opioid poisoning and its treatment.
2. Management of venous thromboembolism.
3. Management of headaches.
4. Drugs used for the treatment of alzheimer's disease.
5. Drug therapy of sleep disorders.
6. Drug therapy of status epilepticus.

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[KW 819]

MARCH 2010

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**(Regulations 2008-2009 )**

**(Candidates admitted from 2008-2009 onwards)**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

***Q.P. Code: 383819***

**Time: Three Hours**

**Maximum: 70 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the pathophysiology, clinical manifestations and pharmacotherapy of peptic ulcer disease.
2. Give an account of the definition and classification of seizures, their characteristics and drugs employed in management. Add a note on the guidelines applicable for effective drug control to epilepsy.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Salicylate poisoning and its treatment.
2. Drugs for anxiety disorders.
3. Management of drugs induced blood disorders.
4. Prevention and management of stroke.
5. Management of neuralgias.
6. Evidence based medicine.

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[KX 819]

SEPTEMBER 2010

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**(Regulations 2008-2009 )**

**(Candidates admitted from 2008-2009 / 2009-2010 onwards)**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

***Q.P. Code: 383819***

**Time: Three Hours**

**Maximum: 70 marks**

**Answer ALL questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Discuss in detail the pathogenesis of peptic ulcer disease.  
b) Give an account on clinical signs and symptoms and investigations involved in diagnosis of peptic ulcer disease.  
c) Brief on the complication and treatment aspects related to peptic ulcer.
2. a) Describe the aetiology and clinical manifestations of Venous thromboembolism.  
b) Add a note on treatment of Thromboembolism.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Enumerate on drug induced Hemolytic anaemia.
2. Classify the types of Hepatitis. Discuss the pathogenesis & treatment of viral hepatitis.
3. Discuss the pathogenesis and treatment of alcoholic liver disease.
4. Discuss etiology, clinical manifestations and treatment of Insomnia.
5. Write a pathophysiology and treatment of Parkinson's disease.
6. Discuss the different types of Schizophrenia.

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**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)****DEGREE EXAMINATION****FOURTH YEAR****PAPER I – PHARMACOTHERAPEUTICS - III***Q.P. Code: 383819***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks  
(Max.) (Max.) (Max.)**

- |   |    |         |    |
|---|----|---------|----|
| 1. Etiology of various types of anemia and treatment of megaloblastic anemia. | 17 | 40 min. | 20 |
| 2. Pathogenesis and clinical management of Alzheimer's disease.               | 17 | 40 min. | 20 |

**II. Write notes on :**

- |  |   |         |   |
|--|---|---------|---|
| 1. Management of seizure disorder during pregnancy.                            | 4 | 10 min. | 6 |
| 2. Theories on pathogenesis of schizophrenia.                                  | 4 | 10 min. | 6 |
| 3. Pharmacological and life style management gastro esophageal reflux disease. | 4 | 10 min. | 6 |
| 4. Major adverse effects of opioid analgesics.                                 | 4 | 10 min. | 6 |
| 5. Aims and need of evidence based medicine.                                   | 4 | 10 min. | 6 |
| 6. Etiopathogenesis of various types of jaundice.                              | 4 | 10 min. | 6 |
| 7. Types of clinical presentations of inflammatory bowel disease.              | 4 | 10 min. | 6 |
| 8. Pharmacotherapy of anxiety disorder.  | 4 | 10 min. | 6 |
| 9. Types of Pain.  | 4 | 10 min. | 6 |
| 10. Drug regimens for the eradication of <i>H.Pylori</i> infection.            | 4 | 10 min. | 6 |

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**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)****DEGREE EXAMINATION****FOURTH YEAR****PAPER I – PHARMACOTHERAPEUTICS - III*****Q.P. Code: 383819*****Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks  
(Max.) (Max.) (Max.)**

- |  |    |         |    |
|--|----|---------|----|
| 1. Pain pathways and Pharmacological management of acute and chronic pain. | 17 | 40 min. | 20 |
| 2. Pathogenesis and pharmacotherapy Parkinson's disease.                   | 17 | 40 min. | 20 |

**II. Write notes on :**

- |   |   |         |   |
|---|---|---------|---|
| 1. Drug induced hepato cellular necrosis and cirrhosis.         | 4 | 10 min. | 6 |
| 2. Pathophysiology of iron deficiency and sideroblastic anemia. | 4 | 10 min. | 6 |
| 3. Treatment algorithm for bipolar disorder.                    | 4 | 10 min. | 6 |
| 4. Drugs used in the treatment of inflammatory bowel disease.   | 4 | 10 min. | 6 |
| 5. Complications of seizure disorder and its management.        | 4 | 10 min. | 6 |
| 6. Etiopathogenesis and management of Hepatitis A & B.          | 4 | 10 min. | 6 |
| 7. Management of ischemic stroke.                               | 4 | 10 min. | 6 |
| 8. Role of Pharmacist in evidence based medicine.               | 4 | 10 min. | 6 |
| 9. Risk factors and pathophysiology of venous thrombo embolism. | 4 | 10 min. | 6 |
| 10. Extrapyramidal side effects induced by antipsychotic drugs. | 4 | 10 min. | 6 |

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**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)****DEGREE EXAMINATION****FOURTH YEAR****PAPER I – PHARMACOTHERAPEUTICS - III***Q.P. Code: 383819***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :  
Marks**

<b>Pages</b>	<b>Time</b>	
<b>(Max.)</b>	<b>(Max.)</b>	<b>(Max.)</b>

- |   |    |         |    |
|---|----|---------|----|
| 1. Discuss about pathophysiology, diagnosis, objective of the treatment and pharmacotherapy of Parkinson's disease. | 17 | 40 min. | 20 |
| 2. Discuss about etiopathogenesis, various types, treatment objective and pharmacotherapy of Hepatitis.             | 17 | 40 min. | 20 |

**II. Write notes on :**

- |   |   |         |   |
|---|---|---------|---|
| 1. Evidence based medicine.                   | 4 | 10 min. | 6 |
| 2. Venous thromboembolism and its management. | 4 | 10 min. | 6 |
| 3. Peptic ulcer disease.                      | 4 | 10 min. | 6 |
| 4. Epilepsy and its management.               | 4 | 10 min. | 6 |
| 5. Pain management and Pain pathways.         | 4 | 10 min. | 6 |
| 6. Drug induced Blood disorders.              | 4 | 10 min. | 6 |
| 7. Schizophrenia and its management.          | 4 | 10 min. | 6 |
| 8. Inflammatory bowel disease.                | 4 | 10 min. | 6 |
| 9. Affective disorders and its management.    | 4 | 10 min. | 6 |
| 10. Pharmacotherapy of Jaundices.             | 4 | 10 min. | 6 |

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[LC 819]

APRIL 2013

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

***Q.P. Code: 383819***

**Time: Three Hours**

**Maximum: 100 marks**

**Answer All questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss about pathophysiology, various types, objective of the treatment and pharmacotherapy of epilepsy.
2. Discuss about etiopathogenesis, diagnosis, types, treatment objective and pharmacotherapy of Anaemias.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Pharmacotherapy of schizophrenia.
2. Types of neuralgias and its management.
3. Gastro Esophageal Reflux disease.
4. Stoke and its management.
5. Discuss on Pain pathways.
6. Drug induced Liver disorders.
7. Evidence based medicine.
8. Alzheimer's disease.
9. Alcoholic liver disease and its management.
10. Pharmacotherapy of Sleep disorder.

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[LD 819]

OCTOBER 2013

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

***Q.P. Code: 383819***

**Time: Three Hours**

**Maximum: 70 marks**

**Answer All questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Pathophysiology of migraine headache and acute migraine therapies.
2. International classification of epileptic seizures and drug of choice for various types of seizures.

**II. Write notes on:**

**(10 x 3 = 30)**

1. Classes of drugs used in Peptic ulcer disease.
2. Classification systems for anemias.
3. Pharmacotherapy of major depression.
4. Heparins and Heparinoid.
5. Patterns of drug induced liver disease.
6. Pathophysiology and risk factors of inflammatory bowel disease.
7. Drug induced anemias.
8. Significance of evidence based medicine.
9. Classes of antipsychotic drugs.
10. Types of anxiety disorder.

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[LE 819]

APRIL 2014

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

***Q.P. Code: 383819***

**Time: Three Hours**

**Maximum: 70 marks**

**Answer All questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define Peptic Ulcers.

Write etiology, pathophysiology and management of Peptic Ulcers.

2. Write pharmacotherapy of Epilepsy.

Add notes on Etiology, clinical manifestation and pathophysiology of Epilepsy.

**II. Write notes on:**

**(10 x 3 = 30)**

1. What is Affective disorder? Management of Affective disorder.

2. Various drugs used in Chron's disease management.

3. Management of Parkinson's disease.

4. Drug induced hepatic diseases.

5. What is evidence based medicines give examples.

6. Explain about neuralgia and its management.

7. Etiopathophysiology of macrocytic anaemia.

8. Management of schizophrenic symptoms.

9. Pathophysiology and treatment of venous thromboembolism.

10. Pathophysiology and treatment of anxiety disorders.

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[LF 819]

OCTOBER 2014

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**(2009-2010 Regulation)**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

*Q.P. Code: 383819*

**Time: Three Hours**

**Maximum: 70 marks**

**Answer All questions**

**I. Elaborate on:**

**(4 x 10 = 40)**

1. Discuss about pathophysiology, clinical manifestations and pharmacotherapy of Stroke.
2. Pathogenesis and pharmacotherapy of Gastro esophageal reflux disease.
3. Management of Drug induced blood disorders.
4. Discuss about ethiopathogenesis and management of Jaundice.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Management of Headaches
2. Types of anaemias and its management.
3. Pharmacotherapy of obsessive compulsive disorders.
4. Discuss the different types and treatment of schizophrenia.
5. Evidence based medicine.
6. Pharmacotherapy of peptic ulcer.

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[LG 819]

APRIL 2015

Sub. Code: 3819

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)**

**DEGREE EXAMINATION**

**(2009-2010 Regulation)**

**FOURTH YEAR**

**PAPER I – PHARMACOTHERAPEUTICS - III**

*Q.P. Code: 383819*

**Time: Three Hours**

**Maximum: 70 marks**

**Answer All questions**

**I. Elaborate on:**

**(4 x 10 = 40)**

1. Explain about various types of Anaemia.  
Add notes on management of Vit. B12 deficiency Anaemia.
2. Explain Schizophrenia.  
Give the pharmacotherapy plan for 20 years old male patient affected with severe schizophrenia.
3. Write about the types of Inflammatory bowel disease and its management.
4. Explain various types of neuralgias and its management.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Pain management.
2. Explain level of trust involved in the evidence based medicine preparation.
3. What is migraine? Add notes on management of Migraine.
4. Viral hepatitis and its management.
5. Clinical symptoms of stroke. Explain the management of stroke.
6. Explain Narcolepsy. Pharmacotherapy for narcolepsy.

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