

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**THIRD YEAR****PAPER III – PHARMACOTHERAPEUTICS - II***Q.P. Code: 383815***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :**

Pages (Max.)	Time (Max.)	Marks (Max.)
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|---|----|---------|----|
| 1. Immune response to tuberculosis infection and Pharmacotherapy of tuberculosis infection. | 17 | 40 min. | 20 |
| 2. Classes of acute renal failure and their therapeutic management. | 17 | 40 min. | 20 |

II. Write notes on :

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|---|---|---------|---|
| 1. Various therapies for early breast cancer. | 4 | 10 min. | 6 |
| 2. Drugs used in uric acid lowering therapy. | 4 | 10 min. | 6 |
| 3. Etiopathogenesis of osteoarthritis. | 4 | 10 min. | 6 |
| 4. Invasion and metastasis in cancer. | 4 | 10 min. | 6 |
| 5. Types of Pneumonia. | 4 | 10 min. | 6 |
| 6. Scabies and its treatment. | 4 | 10 min. | 6 |
| 7. Empirical therapy of common pathogens causing urinary tract infection. | 4 | 10 min. | 6 |
| 8. Stages and clinical presentation of chronic renal failure. | 4 | 10 min. | 6 |
| 9. Etiopathogenesis and pharmacotherapy of spondylitis. | 4 | 10 min. | 6 |
| 10. Interruptions of cell cycle activity induced by anticancer drugs. | 4 | 10 min. | 6 |

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1. a) Briefly discuss about Impetigo.

b) Etiology and treatment of Chronic Renal Failure

17 40 min. 20

2. a) Write note on HIV infections.

b) Discuss about etiology, classification and therapeutic management of Eczema.

17 40 min. 20

II. Write notes on :

1. Fungal infections: signs & symptoms and management.

4 10 min. 6

2. Discuss about leukemia.

4 10 min. 6

3. Pathogenesis of gout.

4 10 min. 6

4. Antimalarial drugs with mechanism and side effects.

4 10 min. 6

5. Give note on gonorrhea.

4 10 min. 6

6. Discuss about therapy of tuberculosis.

4 10 min. 6

7. Therapeutic management of Meningitis.

4 10 min. 6

8. Classify psoriasis with clinical manifestation and diagnosis.

4 10 min. 6

9. Define and give etiology of acute renal failure.

4 10 min. 6

10. Therapy and clinical manifestation of urinary tract infection.

4 10 min. 6

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Pages	Time	Marks
(Max.)	(Max.)	(Max.)

- | | | | |
|---|----|---------|----|
| 1. Mechanisms of action of commonly used antineoplastic agents. | 17 | 40 min. | 20 |
| 2. Types of gout and drugs used in the treatment of gout. | 17 | 40 min. | 20 |

II. Write notes on :

- | | | | |
|--|---|---------|---|
| 1. Primary therapeutic agents used in tuberculosis. | 4 | 10 min. | 6 |
| 2. Hemodialysis and Peritoneal dialysis. | 4 | 10 min. | 6 |
| 3. Types of upper respiratory tract infection. | 4 | 10 min. | 6 |
| 4. Guidelines for rational use of antibiotics. | 4 | 10 min. | 6 |
| 5. Pharmacotherapy of malaria. | 4 | 10 min. | 6 |
| 6. Drugs used in the treatment of Psoriasis. | 4 | 10 min. | 6 |
| 7. Causes of diuretic resistance and its management. | 4 | 10 min. | 6 |
| 8. Non biological and biological disease modifying antirheumatic drugs. | 4 | 10 min. | 6 |
| 9. Treatment of common fungal opportunistic infection in HIV. | 4 | 10 min. | 6 |
| 10. Renal disorder induced by non steroidal anti-inflammatory drugs and corticosteroids. | 4 | 10 min. | 6 |

[LC 815]

APRIL 2013

Sub. Code: 3815

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

THIRD YEAR

PAPER III – PHARMACOTHERAPEUTICS - II

Q.P. Code: 383815

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Pathogenesis of HIV infection and mechanisms of various drugs which inhibits cell cycle of HIV.
2. Management of chronic renal disease and its complications.

II. Write notes on:

(10 x 6 = 60)

1. Classes, common pathogens and initial treatment of chronic bronchitis.
2. Etiopathogenesis of gout.
3. Etiology and management of gastroenteritis.
4. Types of syphilis and recommended drug regimens.
5. Management of emesis induced by chemotherapy.
6. Impetigo and its treatment.
7. Pharmacotherapy of chronic myelogenous leukemia.
8. Stages of breast cancer.
9. Drugs used in the management of osteoarthritis.
10. Pharmacological management of systemic lupus erythematosus.

[LD 815]

OCTOBER 2013

Sub. Code: 3815

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

THIRD YEAR

PAPER III – PHARMACOTHERAPEUTICS - II

Q.P. Code: 383815

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the etiology, detection and diagnosis ,Chemotherapy of cancer and toxicities of chemotherapeutic agents .
2. Compare and contrast acute renal failure versus chronic renal failure in terms of symptoms, complications and Pharmacotherapeutics.

II. Write notes on:

(10 x 3 = 30)

1. Therapeutic management of gonorrhea.
2. Management of spondylitis
3. Prophylaxis of malaria.
4. Diuretic resistance.
5. Colchicine in gout.
6. Discuss the management of fungal disease.
7. Clinical presentation of Pneumonia.
8. Example for drug induced renal disorder.
9. Prevention of hepatitis B infection.
10. Non Pharmacologic Therapy for Psoriasis.

[LE 815]

APRIL 2014

Sub. Code: 3815

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

THIRD YEAR

PAPER III – PHARMACOTHERAPEUTICS - II

Q.P. Code: 383815

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the general principles of treatment of AIDS.
Write the dosing regimens and side effects of anti AIDS drugs.
2. Discuss the pathophysiology of inflammation, use of nonsteroidal anti inflammatory agents especially in Rheumatoid arthritis.

II. Write notes on:

(10 x 3 = 30)

1. First Line topical therapy for psoriasis.
2. Treatment for bronchitis.
3. How Meningitis is investigated and treated.
4. Septicaemia.
5. Types of treatment for metastatic breast cancer.
6. Short notes on rational use of antibiotics.
7. Complications of chronic renal failure.
8. Examples for Viral infections.
9. Medications Commonly Used in the Treatment of Osteoarthritis.
10. Phototherapy and photo chemotherapy for psoriasis.

[LF 815]

OCTOBER 2014

Sub. Code: 3815

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

(2009-2010 Regulation)

THIRD YEAR

PAPER III – PHARMACOTHERAPEUTICS - II

Q.P. Code: 383815

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(4 x 10 = 40)

1. Pharmacotherapy involved in chronic renal failure.
2. Basic principles of cancer therapy.
3. Clinical manifestations, diagnosis and management involved in psoriasis.
4. Guidelines for the rational use of antibiotics.

II. Write notes on:

(6 x 5 = 30)

1. Etiopathogenesis involved in urinary tract infection.
2. Anti malarial agents.
3. Brief note on opportunistic infections in HIV and its management.
4. Pharmacotherapy in rheumatoid arthritis.
5. Management of systemic lupus erythematosus.
6. Etiopathogenesis and clinical diagnosis involved in osteoarthritis.

[LG 815]

APRIL 2015

Sub. Code: 3815

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION

(2009-2010 Regulation)

THIRD YEAR

PAPER III – PHARMACOTHERAPEUTICS - II

Q.P. Code: 383815

Time: Three Hours

Maximum: 70 marks

Answer All questions

I. Elaborate on:

(4 x 10 = 40)

1. Etiopathogenesis and management involved in GOUT.
2. Write a note on renal dialysis.
3. Etiopathogenesis involved in tuberculosis.
4. Management of chemotherapy induced nausea and vomiting.

II. Write notes on:

(6 x 5 = 30)

1. Significance of cell cycle in cancer chemotherapy.
2. Chemotherapeutic agents involved in the treatment of breast cancer.
3. Stages and management involved in eczema.
4. Drug treatment involved in scabies.
5. Management of upper respiratory tract infections.
6. Etiology and types involved in acute renal failure.
