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Rajiv Gandhi University of Health Sciences, Karnataka
III Year Pharm-D Degree Examination – 15-Nov-2021

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS - II (RS-2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Explain pathogenesis of HIV infection. List out the different classes of antiviral agents used for its management.
2. Define Leukaemia. Explain the classification and diagnosis of Leukaemia. Describe the treatment protocol for Acute Lymphocytic Leukaemia (ALL).
3. Describe etiology and pathogenesis of Chronic Renal Failure. Explain the management of hyperkalemia and hyperphosphatemia in Chronic Renal Failure.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

1. Describe chemotherapy of localised Breast Cancer.
2. Explain chemotherapy induced emesis and its effective management.
3. Describe the general principles of cancer chemotherapy.
4. Define renal dialysis. Classify the types of renal dialysis. Explain Haemodialysis.
5. Explain the clinical manifestation and management of Systemic Lupus Erythematosus.
6. Differentiate between Rheumatoid arthritis and Osteoarthritis.
7. Discuss the symptoms and management of Herpes Zoster infection.
8. Explain the classification and management of Candidiasis.

SHORT ANSWERS

10 x 2 = 20 Marks

1. Specify the antibiotics used for prophylactic treatment in surgery.
2. Discuss treatment of pulmonary TB in new drug-susceptible TB patient.
3. List out clinical features of meningitis.
4. Define and discuss management of Otitis media.
5. Explain oral rehydration therapy.
6. Define eczema. Explain topical therapy for eczema.
7. List out DMARDs used in treatment of Rheumatoid Arthritis.
8. Discuss RIFLE classification of Acute Renal Failure.
9. Define Impetigo. Explain the treatment for Impetigo.
10. Specify the organisms causing Syphilis and Gonorrhoea.



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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – 19-Mar-2021

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II (RS2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Classify respiratory tract infections. Explain the management of acute bronchitis and pneumonia
2. Define leukemia. Explain the classification and diagnosis of leukemia. Add a note on management of chronic lymphocytic leukemia
3. Explain the pathophysiology and management of HIV.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

1. Enumerate differences between osteoarthritis and rheumatoid arthritis
2. Explain management of tuberculosis in children and pregnancy
3. Give the clinical presentation and management of Amoebiasis
4. Describe the etiology and pathogenesis of acute renal failure
5. Explain reasons for non-adherence to HAART therapy and discuss methods to overcome non-adherence
6. Write a note on general management of gastroenteritis
7. Give the symptoms, diagnosis and management of Gonorrhea.
8. Explain the management of any two fungal infections.

SHORT ANSWERS

10 x 2 = 20 Marks

2. Classify surgical wounds
3. Treatment for impetigo
4. What is cachexia?
5. Explain the management of hyperkalemia in chronic renal failure
6. Adverse effects of topical corticosteroids in Psoriasis
7. Give the diagnosis of meningitis
8. What is renal dialysis? Give its types.
9. What are the clinical manifestations of gout?
10. Enlist causes for pre-renal failure
11. List of DMARDs used in the treatment of rheumatoid arthritis?



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Rajiv Gandhi University of Health Sciences, Karnataka
III Year Pharm-D Degree Examination – 07-Dec-2020

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS -II (RS-2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

- 1. Explain the pathophysiology and management of HIV.
- 2. Define Leukaemia. Explain the types of Leukaemia and add a note on management of acute lymphocytic Leukaemia.
- 3. Explain the pathophysiology, diagnosis and management of tuberculosis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

- 1. Write a note on drug induced renal failure.
- 2. Explain the management of pneumonia.
- 3. Explain the modified Duke criteria for diagnosis of endocarditis.
- 4. Explain the treatment of metastatic breast cancer.
- 5. Give the clinical presentation and management of Urinary Tract Infection (UTI).
- 6. Describe the pharmacotherapy of acute renal failure.
- 7. Explain surgical prophylaxis and add a note on selection of antibiotics for surgical prophylaxis.
- 8. Give the management of Malaria.

SHORT ANSWERS

10 x 2 = 20 Marks

- 1. What is disseminated TB?
- 2. Discuss RIFLE criteria in acute renal failure.
- 3. Give the chemical manifestations of syphilis.
- 4. What is deep seated fungal infection?
- 5. Give the diagnosis of meningitis.
- 6. What are the symptoms of dengue haemorrhagic fever?
- 7. Discuss non pharmacologic method of managing UTI.
- 8. Discuss the VDRL test.
- 9. Define peritoneal dialysis.
- 10. Explain the topical therapy for psoriasis.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – 06-Jan-2020

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II (RS2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

- Classify respiratory tract infections. Explain the management of any three upper respiratory tract infections.
- Define leukemia. Explain the types of leukemia. Add a note on management of acute lymphocytic leukemia
- Discuss the general principles of management of AIDS. Add a note on the dosing regimen for the used in management of AIDS.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

- Discuss the types and management of ankylosing spondylitis
- Write the symptoms, management and complications of dengue
- Give the classification and management of UTI
- Write a note on renal dialysis
- Explain the management of multi-drug resistant tuberculosis
- Explain management of infective endocarditis
- Write a note on Herpes Zoster infection.
- Explain the clinical manifestation and management of osteoarthritis.

SHORT ANSWERS

10 x 2 = 20 Marks

- What are the diagnostic tests for malaria
- Role of Ivermectin in Scabies
- List the major adverse effects of cancer chemotherapy
- Define renal reserve
- Enlist allergens for eczema
- Role of mannitol in meningitis
- Give the classification of acute kidney injury
- Discuss the role of cytokine inhibitors in management of rheumatoid arthritis
- What are the complications of peritoneal dialysis?
- List the diagnostic methods for Rheumatoid arthritis.



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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – JUNE-2019

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II (RS2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Explain the pathogenesis of HIV Infection and list out of the different classes of antiviral agents used for its management.
2. Give the clinical manifestations, classification and management of chronic leukemias.
3. Explain the pathophysiology, diagnosis and management of tuberculosis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the clinical manifestation and management of rheumatoid arthritis
5. Explain surgical prophylaxis, and add a note on selection of antibiotics for surgical prophylaxis
5. Explain the clinical manifestation and management of bronchiolitis
7. Describe the etiology and pathogenesis of chronic renal failure
3. Explain the management of septicemia
9. Enumerate the predisposing factors and clinical manifestations of systemic fungal infections.
2. Write a note on general management of gastroenteritis.
1. Give the management of malaria.

SHORT ANSWERS

10 x 2 = 20 Marks

- Enlist diagnostic tests for HIV
- What is impetigo?
- Enlist vaccinations recommended to lymphocytic leukemia patients
- Give the management of hyperphosphatemia in Chronic Renal Failure
- What is balneotherapy?
- Discuss Category-1 DOTS regimen for pulmonary tuberculosis
- Discuss etiology of renal osteodystrophy
- Enlist the dermatologic symptoms of SLE
- Classify peritoneal dialysis
- Role of uricosuric drugs in Gout



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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – JUNE-2019

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II (RS2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

Explain the pathogenesis of HIV Infection and list out of the different classes of antiviral agents used for its management.

Give the clinical manifestations, classification and management of chronic leukemias.

Explain the pathophysiology, diagnosis and management of tuberculosis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

Explain the clinical manifestation and management of rheumatoid arthritis

Explain surgical prophylaxis, and add a note on selection of antibiotics for surgical prophylaxis

Explain the clinical manifestation and management of bronchiolitis

Describe the etiology and pathogenesis of chronic renal failure

Explain the management of septicemia

Enumerate the predisposing factors and clinical manifestations of systemic fungal infections.

Write a note on general management of gastroenteritis.

Give the management of malaria.

SHORT ANSWERS

10 x 2 = 20 Marks

Enlist diagnostic tests for HIV

What is impetigo?

Enlist vaccinations recommended to lymphocytic leukemia patients

Give the management of hyperphosphatemia in Chronic Renal Failure

What is balneotherapy?

Discuss Category-1 DOTS regimen for pulmonary tuberculosis

Discuss etiology of renal osteodystrophy

Enlist the dermatologic symptoms of SLE

Classify peritoneal dialysis

Role of uricosuric drugs in Gout



Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – May 2017

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II (RS2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Explain the pathophysiology, diagnosis, clinical presentation and management of Pneumonia
2. Define tumor. Classify tumors with their diagnostic features. Describe the general principles of cancer chemotherapy
3. Explain the pathophysiology of tuberculosis. Add a note on DOTS therapy.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the clinical manifestation and management of rheumatoid arthritis
5. Explain HAART therapy for HIV
6. Explain the management of any two fungal infections
7. Write a note on renal osteodystrophy
8. Write a note on diagnosis, classification and primary prevention of tuberculosis
9. What is enteric fever? Explain its management.
10. Write a note on choice of antimicrobials for surgical prophylaxis.
11. Explain management of infective endocarditis.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Explain the role of corticosteroids in septicemia
13. Enumerate clinical signs and symptoms of eczema
14. What is pulse therapy?
15. What is the significance of Fractional Excretion of Sodium (FE_{Na})?
16. Topical therapy for psoriasis
17. Enlist the predisposing factors for endocarditis
18. Define hemodialysis
19. Enumerate clinical signs and symptoms of ankylosing spondylitis
20. List out drug induced renal disorders
21. Explain the role of Chondroprotective agents in osteoarthritis.

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – NOV 2017

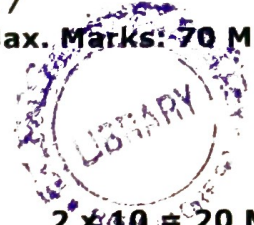
Time: Three Hours

PHARMACOTHERAPEUTICS II (RS2)

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Max. Marks: 70 Marks



2 x 10 = 20 Marks

LONG ESSAYS (Answer any two)

- . Discuss the general principles of management of AIDS. Add a note on dosing regimen for the drugs used in the management of AIDS.
- . Explain various considerations in design of chemotherapeutic regimen in management of cancer
- . Classify respiratory tract infection. Explain the management of acute bronchitis and pneumonia.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

- . Explain clinical manifestation and management of Systemic Lupus Erythematosus
- . Write a note on influenza infections
- . Write a note on the management of extrapulmonary tuberculosis.
- . Write a note on drug induced renal failure
- . Explain modified DUKE criteria for the diagnosis of Endocarditis
- . Give the clinical presentation and management of UTI
- . Give the clinical presentation and management of amoebiasis.
- . Classify syphilis. Write a note on the complications of syphilis.

SHORT ANSWERS

10 x 2 = 20 Marks

- . What is Nuchal rigidity?
- . Diagnosis of Scabies
- . Enlist the prognostic markers for breast cancer
- . Discuss the significance of renal function test
- . Name causes and triggers for eczema
- . Classify Otitis media
- . Draw the algorithm for management of hypertension in CRF
- . Enlist the extraarticular features of Rheumatoid Arthritis
- . Name the drugs which affect the renal system
- . What are the risk factors and counselling points for gout

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – NOV 2016

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Explain the management of HIV and opportunistic infections in HIV.
2. Describe the etiopathogenesis and pharmacotherapy of Osteoarthritis.
3. a) Mention the clinical manifestations of Acute and Chronic Leukemias.
b) Describe the treatment protocol for Acute Myeloblastic Leukemia (AML).

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the clinical manifestations and management of Infective Bacterial Endocarditis.
5. Explain the management of Ankylosing Spondylitis.
6. Discuss the etiopathogenesis and management of Psoriasis.
7. Along with suitable examples, explain the mechanisms and management of Drug Induced Renal Disorders.
8. Explain the etiopathogenesis of Meningitis and discuss the management of Meningitis.
9. Discuss the management of Systemic Lupus Erythematosus (SLE).
10. Explain the management of End Stage Renal Failure.
11. Discuss the management of complicated Urinary Tract Infections.

SHORT ANSWERS

10 x 2 = 20 Marks

2. Management of Scabies
3. Management of otitis media
4. Role of corticosteroids in Acute Gouty Arthritis
5. Management of Tuberculosis in liver impairment
6. Management of hyperphosphatemia in Chronic Renal Failure
7. List out the complications of Peritoneal Dialysis.
8. Adverse effects of Disease-Modifying Antirheumatic Drugs (DMARD)
9. List the antibiotics active against Enteric Fever.
10. Management of Nosocomial Pneumonia
11. Management of Atopic Dermatitis

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – MAY 2016

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOTHERAPEUTICS II

Q.P. CODE: 2883

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Describe the etiology, clinical manifestation and the management of respiratory tract infection.
2. Explain pathogenesis and pharmacotherapy of chemotherapy induced nausea and vomiting.
3. Explain pathophysiology and pharmacotherapy of rheumatoid arthritis.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain pharmacotherapy of tuberculosis and discuss on multi drug resistance TB.
5. Write a note on renal dialysis.
5. Explain pharmacotherapy of chronic renal failure.
7. Discuss the management of HIV with their side effects.
8. What are the general guidelines for the rational use of antibiotics?
9. Explain the chemotherapy of leukemia.
10. Explain the management of Protozoal infections.
1. Pharmacotherapy of breast cancer

SHORT ANSWERS

10 x 2 = 20 Marks

2. Risk factor of ARF
3. Life cycle of malaria
- Diagnosis of gout
- Clinical manifestation of SLE
- Define and classify psoriasis.
- Etiology and treatment of scabies
- Define septicemia.
- Management of eczema
- Pharmacotherapy of syphilis
- Diagnosis of chronic renal failure
