Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – APRIL/MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

MD GENERAL MEDICINE

(Revised Scheme)

PAPER – I

Q.P. CODE: 9181

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Describe the mechanisms of common drug-drug interactions,giving examples of each mechanism. Add a note on prescribing in elderly.

2. Outline the physiology of co-agulation and describe the pathophysiology of acute coronary syndrome.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Describe the types of amyloid and clinical diseases caused by it.

4. Explain the formation and circulation of cerebrospinal fluid and its clinical application.

5. Discuss gastrointestinal motility.

6. Describe how each of the following symptoms relates to disease of the lungs and describe the source of the symptom:Cough and sputum production, Dry cough, Wheeze, Snore, Shortness of breath with exercise, Confusion.

7. Describe the current status of gene therapy in medicine

8. Describe the biochemical assessment of vitamin status in the human body.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

MD GENERAL MEDICINE

(Revised Scheme)

PAPER – II

Q.P. CODE: 9182

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the evaluation and management of 40 years old man with Atrial fibrillation.

2. Write the causes of diarrhea. Describe the clinical features, investigations and treatment of malabsorption.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Ambulatory blood pressure monitoring

4. Immune reconstitution syndrome (IRIS)

5. Chronic Hepatitis B infection

6. Pulmonary arterial hypertension

7. Diagnosis and treatment of obscure gastrointestinal bleeding

8. H1N1 Infection

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

MD GENERAL MEDICINE

(Revised Scheme)

PAPER – III

Q.P. CODE: 9183

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Define Rheumatoid Arthritis. Discuss etiopathogenesis, clinical features and management.
2. Discuss etiology, clinical features, diagnosis and treatment of pyogenic meningitis.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Briefly discuss ANCA related Vasculitis.
4. Status epilepticus
5. Eosinophilic pneumonias
6. Briefly discuss autoimmunity and autoimmune polyglandular syndrome.
7. Erythema nodosum
8. Pulmonary thromboembolism

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

MD GENERAL MEDICINE

(Revised Scheme)

PAPER – IV

Q.P. CODE: 9184

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss etiopathogenesis of diabetic complications. Mention interventions available to retard them.

2. Discuss risk factors for leukaemia. Classify acute leukaemias and describe the clinical features, investigations and principles of management of acute myeloid leukaemia.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Bioterrorism

4. Goitorous hypothyroidism

5. Diagnosis and management of acute schizophrenia

6. Stem cell in therapeutics

7. Causes and management of diffuse alopecia

8. Drug induced renal diseases

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY 2015

[Time: 3 Hours] [Max. Marks: 100]

GENERAL MEDICINE

PAPER – II

Q.P. CODE: 7342

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss pulmonary manifestation of tropical parasitic diseases.
2. Define and classify infective endocarditis. Discuss microbiology, clinical features and management of the same.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Tropical splenomegaly syndrome
4. Spontaneous bacterial peritonitis
5. Brucellosis
6. Interventional endoscopy
7. Rickettsial infections
8. Sick sinus syndrome

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY 2015

[Time: 3 Hours] [Max. Marks: 100]

GENERAL MEDICINE

PAPER – III

Q.P. CODE: 7343

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the features of mixed connective tissue diseases. Outline the management of a case.
2. Discuss the immunopathogenesis, clinical features and management of multiple sclerosis.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Monitoring of patient with DMARD
4. Lung transplantation
5. Atypical pneumonia
6. Evoked potentials
7. Solitary pulmonary nodule
8. Spinal cord anatomy and blood supply

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY 2015

[Time: 3 Hours] [Max. Marks: 100]

GENERAL MEDICINE

PAPER – IV

Q.P. CODE: 7344

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss coagulation of blood in health and disease.
2. Classify autoimmune endocrine disorders. Discuss a case of Addison's disease and give its management.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Oncological emergencies
4. Barbiturate poisoning
5. Renovascular hypertension
6. Substance abuse
7. Diabetes retinopathy – pathogenesis and management
8. Nephrogenic diabetes insipidus

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – OCTOBER 2015

[Time: 3 Hours] [Max. Marks: 100]

General Medicine

PAPER I

(Revised Scheme)

Q.P. CODE: 9181

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss role of rennin angiotensin system in health and disease
2. Discuss aetiology, clinical features and management of dementia in elderly

SHORT ESSAY **6 X 10 = 60 Marks**

3. Parentral nutrition
4. Targeted therapy
5. Respiratory alkalosis
6. Benzodiazepine poisoning
7. PET scanning
8. Gestational diabetes

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours **Max. Marks: 100 Marks**

MD GENERAL MEDICINE

(Revised Scheme)

PAPER – IV

Q.P. CODE: 9184

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Define chronic renal failure / End stage renal disease. Discuss etiology, clinical features and management.
2. Classify hemolytic anemias. Discuss clinical manifestations and management of sickle cell syndromes.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Discuss the approach to purpuric skin lesion.
4. Pheochromocytoma
5. Discuss approach to hypoglycemia.
6. Renal tubular acidosis
7. Describe clinical features and treatment of Scorpion sting.
8. Newer Insulins

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – OCTOBER 2015

[Time: 3 Hours] [Max. Marks: 100]

GENERAL MEDICINE

PAPER – IV

Q.P. CODE: 7344

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss coagulation of blood in health and disease.
2. Classify autoimmune endocrine disorders. Discuss a case of Addison's disease and give its management.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Oncological emergencies
4. Barbiturate poisoning
5. Renovascular hypertension
6. Substance abuse
7. Diabetes retinopathy – pathogenesis and management
8. Nephrogenic diabetes insipidus

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - OCTOBER 2015

[Time: 3 Hours] [Max. Marks: 100]

GENERAL MEDICINE

PAPER – I

Q.P. CODE: 7341

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Explain drug receptors. Briefly describe types of adrenergic receptors and indications and of different drugs on them.
2. Discuss aetiology, classification, complication and management of obesity.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Newer oral anticoagulant
4. Prions
5. Hypoxic brain damage
6. Omega – 3 fatty acids
7. Tissue engineering
8. HLA

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – OCTOBER 2015

[Time: 3 Hours] [Max. Marks: 100]

GENERAL MEDICINE

PAPER – III

Q.P. CODE: 7343

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the features of mixed connective tissue diseases. Outline the management of a case.
2. Discuss the immunopathogenesis, clinical features and management of multiple sclerosis.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Monitoring of patient with DMARD
4. Lung transplantation
5. Atypical pneumonia
6. Evoked potentials
7. Solitary pulmonary nodule
8. Spinal cord anatomy and blood supply

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours **Max. Marks: 100 Marks**

MD GENERAL MEDICINE

(Revised Scheme)

PAPER – III

Q.P. CODE: 9183

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Define lupus. Discuss etiopathogenesis, clinical features, diagnosis and treatment of systemic lupus erythemetosus.
2. Discuss etiopathogenesis, diagnosis, management of adult respiratory distress syndrome.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Discuss para neoplastic neurological manifestations.
4. Biologicals in Rheumatological disorders
5. Reynaud's phenomena
6. Pulmonary manifestations of Aspergillosis
7. Discuss ring - enhancing lesions in the central nervous system.
8. Myasthenia Gravis

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