Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2014

[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. Discuss role of antioxidants and trace elements in clinical practice.
2. Newer anti tubercular drugs and drug delivery systems

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

3. Gene therapy
4. Cytokines
5. Drug interactions
6. Hypothermia
7. Tumour markers
8. Hypervitaminosis – D

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DR. MULLER'S CENTRAL LIBRARY

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2014

[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 inherited liver diseases. Mention the clinical features, biochemical criteria and management.
2. Classify cardiomyopathy. Mention haemodynamics, clinical features and management of dilated cardiomyopathy.

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

3. Thoracic outlet compression syndrome
4. CMV retinitis
5. Long QT syndrome
6. Hepato-renal syndrome
7. Allergic bronchopulmonary Aspergillosis
8. Viral haemorrhagic fever

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Rajiv Gandhi University of Health Sciences

3

M.D. Degree Examination – May 2014

[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

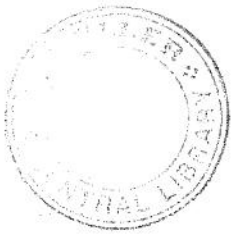
LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss aetiopathogenesis, clinical features, complications and management of bronchiectasis.
2. Describe structures constitute the basal ganglia's. Discuss clinical features of basal ganglia lesions.

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

3. Small vessel vasculitis
4. Assessment of autonomic dysfunction
5. Rheumatological emergencies
6. Lacunar infarct
7. Brain death clinical and ethical issues
8. Oxygen therapy

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Rajiv Gandhi University of Health Sciences

4

M.D. Degree Examination – May 2014

[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 diabetes mellitus and infections.
2. Describe aetiology, pathogenesis, classification, clinical features, course and prognosis of Myelodysplastic syndrome. Outline the treatment.

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

3. Pan hypopituitarism
4. Aluminium phosphide poisoning
5. Ig A nephropathy
6. Hyperpigmentation
7. Biologic effects of radiation
8. Obsessive compulsive neurosis

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5

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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. Answer all questions

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

1. Describe anatomy of coronary arterial circulation. Briefly discuss non-invasive diagnosis of myocardial infarction.
2. Define malnutrition. Discuss nutritional deficiency diseases.

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

3. Hematopoietic stem cell transplantation
4. Metabolic syndrome/ syndrome X
5. Recent concept of drug treatment of hyperlipidemia
6. Post exposure prophylaxis in HIV
7. What is incretin effect? What are incretins? Describe actions of incretinomimetic drugs.
8. Drug resistant tuberculosis

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

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

General Medicine

PAPER II

(Revised Scheme)

Q.P. CODE: 9182

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 clinical features, diagnosis & management of cardiogenic shock
2. Discuss aetiology, clinical features, complications and management of chikungunya

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

3. Management of chronic hepatitis B
4. Celiac disease
5. NACO recommendations for HIV antitetroviral therapy
6. Crohn's disease
7. Kala – azar
8. Microbial bioterrorism

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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

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

1. Discuss the clinical approach to a 25 year old woman, who had delivered 15 days back, develops paraparesis over a 12 hour period.

2. Discuss the the differential diagnosis of a 55 year old female labourer presenting with progressive dyspnoea; clubbing and fine basal end inspiratory crackles on lung ascultation.How to evaluate her and arrive at diagnosis?

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

3. Biologic disease-modifying antirheumatic drugs

4. Clinical characterstics of osteoartritis and causes of early onset osteoarthritis

5. Etiopathogenesis of crystal associated arthropathy

6. Clinical approach to amnesia

7. Management of migraine

8. Assessment of disease severity and microbiological investigations in community acquired pneumonia

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2014

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

General Medicine

PAPER IV

(Revised Scheme)

Q.P. CODE: 9184

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 in detail the dermatological manifestations of internal malignancies
2. Classify hemolytic anemias. Outline the laboratory diagnosis of hemolysis. Describe the aetiology, clinical features, diagnosis and recent concepts in the management of β – thalassemia major

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

3. Renal tubular acidosis
4. Indications and complications of dialysis in renal dysfunction
5. Pseudohypoparathyroidism
6. Congential adrenal hyperplasia
7. Skin lesions produced by micro organisms that are known to affect the facial nerve
8. Chronic fatigue syndrome

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LIBRARY

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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. Discuss the mechanism of temperature regulation and pathogenesis of fever. Define pyrexia of unknown origin (PUO). How will you approach a case of PUO in a HIV positive man?

2. Discuss the biology of ageing. Discuss briefly about theories of ageing and genetics of longevity. How will you assess cognition in elderly?

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

3. Discuss physiology of thyroid hormones during pregnancy and how do you manage case of hyperthyroidism during pregnancy and lactation?

4. Stem cell transplantation in cardiovascular medicine

5. Total parenteral nutrition

6. Genetic syndromes and genes associated with obesity

7. Tigecycline

8. Coombs test

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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. Answer all questions

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

1. What are acquired immunodeficiency conditions? Discuss opportunistic infections in immuno - compromised patients.
2. Discuss etiopathogenesis, clinical features, diagnosis and management of peptic ulcer disease.

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

3. Latent tuberculosis
4. Fulminant hepatic failure
5. Mention hemorrhagic fevers. Discuss clinical features and management of dengue fever.
6. Refractory heart failure
7. Define cerebral malaria. Discuss pathogenesis and management of cerebral malaria.
8. Pseudo membranous colitis

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CENTRAL LIBRARY

Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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

2 x 20 = 40 Marks

LONG ESSAYS

1. Describe the etiopathogenesis, clinical features, diagnosis and treatment of Parkinsonism.
2. Define latent tuberculosis. Discuss the evaluation and treatment of multidrug resistant tuberculosis.

6 x 10 = 60 Marks

SHORT ESSAYS

3. Non-invasive ventilation
4. Early rheumatoid arthritis
5. Approach to young stroke
6. Superior vena caval obstruction
7. Wegener's ganulamatosis
8. Positron emission tomography

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CENTRAL LIBRARY

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Oct/Nov 2014

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

General Medicine

PAPER IV

(Revised Scheme)

Q.P. CODE: 9184

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 approach to a case of unexplained hypoglycaemia
2. Discuss aetiology, clinical features, diagnosis and management of acute intrinsic kidney injury

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

3. Pheochromocytoma
4. Tumour markers
5. Psoriasis
6. Syndromic case management of STD
7. Immunization for health care workers
8. Bipolar disorder

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