

# Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – JUNE 2016

46

[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. Describe the regulation of thyroid hormone synthesis and the mechanism of thyroid hormone receptor action.  
Mention conditions associated with euthyroid hyperthyroxinemia and outline the pathophysiological basis of pendred's syndrome
2. Outline the chronology of events required for the induction of fever, mention causes of hyperthermia syndrome and describe the etiopathogenesis, clinical features, diagnosis and management of heat stroke

#### SHORT ESSAY

**6 X 10 = 60 Marks**

3. Generics and pathogenesis of cystic fibrosis
4. Immunology of leprosy
5. Bioterrorism
6. Causes and management of urinary incontinence in the geriatric age group
7. Effect of pregnancy on valvular heart diseases
8. Clinical features and management of paracetamol poisoning

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Rajiv Gandhi University of Health Sciences *47*  
M.D. Degree Examination – JUNE 2016

[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. Outline the mechanisms of pathogenicity in infections due to *Mycoplasma pneumoniae*. Describe its epidemiology, clinical features, extrapulmonary manifestations diagnosis and treatment
2. Outline the mechanism of CD4+T cell dysfunction and depletion in HIV infection. Give an account of the relationship between CD4+T cell counts and the development of opportunistic infections in AIDS.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Mechanism of diastolic dysfunction in hypertrophic and ischaemic heart diseases
4. Etiologies of atrioventricular block
5. Endomyocardial fibrosis
6. Complications of pancreatitis
7. Management of bleeding oesophageal varices
8. Small intestinal mucosal biopsy in the diagnosis of malabsorptive states

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# Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – JULY 2016

48

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. Describe the various movement disorders seen in common practice. Discuss the aetiology, clinical features & management of Huntington's Chorea.
2. Describe the aetiopathogenesis, clinical features, complications & management of PCP.

#### SHORT ESSAYS

**6 x 10 = 60 Marks**

3. Paraneoplastic neurological syndromes
4. Non invasive ventilation
5. Crystal induced arthropathy
6. Malignant rheumatoid arthritis
7. Approach to vasculitis
8. CD4 count

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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. Describe the clinical features, investigations, complications and treatment of Obesity.
2. Discuss the evaluation and treatment of deep vein thrombosis.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Monoclonal antibodies in medicine
4. Renal osteodystrophy
5. Subclinical thyroid dysfunction
6. Mitochondrial medicine
7. Role of Pralidoxime in organophosphorus poisoning
8. Vitamin D and type 2 diabetes mellitus

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