



Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – JUNE 2016

Time: Three Hours

Max. Marks: 100 Marks

MD PULMONARY MEDICINE
BASIC SCIENCES INCLUDING ANATOMY AND PHYSIOLOGY
PERTAINING TO RESPIRATORY SYSTEM
PAPER – I (Revised Scheme)

Q.P. CODE: 7501

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 structure of the respiratory tract in detail.
2. Discuss the principles and clinical application of cardiopulmonary exercise testing.

SHORT ESSAYS

6 x 10 = 60 Marks

3. Reactive Oxygen Species
4. Haldane Effect
5. Dead space
6. Alveolar air equation
7. Inhalation challenge tests
8. Airway resistance



Rajiv Gandhi University of Health Sciences

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M.D. Degree Examination – JUNE 2016

[Time: 3 Hours]

[Max. Marks: 100]

**PULMONARY MEDICINE
NON TUBERCULAR RESPIRATORY INFECTIOUS DISEASES
AND GENERAL MEDICINE**

PAPER – II (Revised Scheme)

Q.P. CODE: 7502

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. How will you investigate a case of solitary pulmonary nodule in a male aged 45 years
2. Enumerate the risk factors for development of pulmonary arterial hypertension and discuss its management

SHORT ESSAY

6 X 10 = 60 Marks

3. Hyperbaric oxygen therapy
4. Interstitial pneumonia
5. Hantaviruses
6. Diagnosis of pleuro pulmonary amoebiasis
7. Immotile cilia syndrome
8. Shaver's disease



Rajiv Gandhi University of Health Sciences, Karnataka
Post Graduate Degree Examination – JULY 2016

Time: Three Hours

Max. Marks: 100 Marks

MD PULMONARY MEDICINE
TUBERCULOSIS-PULMONARY AND EXTRA PULMONARY
PERTAINING TO RESPIRATORY SYSTEM
PAPER – III (Revised Scheme)

Q.P. CODE: 7503

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

LONG ESSAYS

2 x 20 = 40 Marks

1. Discuss pathophysiology, investigations and treatment of endobronchial tuberculosis
2. Discuss the role of surgery in pleuropulmonary tuberculosis

SHORT ESSAYS

6 x 10 = 60 Marks

3. Rich focus
4. Silicotuberculosis
5. Complications of Pulmonary Tuberculosis
6. Lower lung field tuberculosis
7. Cold abscess
8. Corticosteroid adjunctive treatment in tuberculosis



Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – JULY 2016

Time: Three Hours

Max. Marks: 100 Marks

**MD PULMONARY MEDICINE
NON-INFECTIOUS DISEASES OF LUNG
PAPER – IV (Revised Scheme)**

Q.P. CODE: 7504

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 aetiology, pathophysiology and management of Bronchiolitis.
2. Discuss the recent advances and future therapies in the management of Bronchial asthma.

SHORT ESSAYS

6 x 10 = 60 Marks

3. Hypercapnic respiratory failure
4. Thoracoscopy
5. Lung volume reduction surgery
6. Critical illness-related corticosteroid insufficiency
7. Emerging pharmacotherapies for idiopathic pulmonary fibrosis
8. Varenicline
