

**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination – MAY 2017

**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 biology of the surfactant system and its implications for the pathogenesis and treatment of respiratory diseases.
2. Discuss the defences of the respiratory tract in detail.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Mast cells in pulmonary disease
4. Methods to assess ventilation perfusion inequality
5. Bohr Effect
6. Respiratory Acidosis
7. Acinus
8. Reactive Oxygen Species

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Post Graduate Degree Examination – MAY 2017

Time: Three Hours

Max. Marks: 100 Marks

**MD 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

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Discuss the clinical features, diagnosis and treatment of pneumocystis carini pneumonia.
2. Discuss the classification, pathological changes and management of pulmonary hypertension.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Methotrexate-induced pulmonary toxicity
4. Aspergilloma
5. Aspirin-induced asthma
6. Chylothorax
7. Aerosolized antibiotics for respiratory tract infections
8. Paragonimiasis

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**Rajiv Gandhi University of Health Sciences, Karnataka**  
Post Graduate Degree Examination - <<>>

**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 in detail Multidrug resistant tuberculosis - epidemiology, diagnosis and treatment.
2. Discuss about Nontubercular mycobacterial infections of lung - clinical features, diagnosis and management.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Tuberculin test
4. Tuberculosis in health care workers
5. Cutaneous tuberculosis
6. Management of antituberculosis drug induced hepatitis
7. Miliary tuberculosis
8. DOTS Plus.

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Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – JUNE 2017

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 clinical presentations, diagnostic evaluation and management of pulmonary embolism
2. Discuss the risk factors, non-invasive and invasive diagnostic staging techniques of lung cancer

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. Acute chest syndrome
4. Hypoxemic respiratory failure
5. Pulmonary alveolar microlithiasis
6. ANCA-associated pulmonary vasculitis
7. Hygiene hypothesis
8. Monoclonal antibody in bronchial asthma

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