



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

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**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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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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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
