

**Rajiv Gandhi University of Health Sciences, Karnataka**

**M.D. Degree Examination – MAY-2018**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**PULMONARY MEDICINE**  
**Basic Sciences Including Anatomy and Physiology**  
**pertaining to Respiratory System**

**PAPER – I**

**Q.P. CODE: 7501**

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

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. Discuss the development of the lungs in detail.
2. Discuss the effects of aging on the respiratory system.
3. Surfactant
4. Respiratory alkalosis
5. Alveolar macrophages
6. Inhalation challenge tests
7. Mucociliary escalator
8. Dead space
9. Immunology of respiratory system
10. Anatomy of mediastinum

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**M.D. Degree Examination – MAY-2018**

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**PULMONARY MEDICINE**  
**NON TUBERCULAR RESPIRATORY INFECTIOUS DISEASES**  
**AND GENERAL MEDICINE PAPER – II**  
**Q.P. CODE: 7502**

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

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. Discuss the microbiology, clinical features, diagnosis and treatment of lung abscess.
2. Classify respiratory failure. Discuss the Clinical features, diagnosis and management of types of respiratory failure
3. Pulmonary Cryptococcosis
4. Chronic alveolar hypoventilation
5. Neurogenic pulmonary edema
6. Kartagener's syndrome
7. Thoracic amoebiasis
8. Septic embolism
9. Parasitic diseases of the lung
10. Viral pneumonias

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – MAY-2018

**Time: Three Hours**

**Max. Marks: 100 Marks**

**PULMONARY MEDICINE**  
**TUBERCULOSIS-PULMONARY AND EXTRA PULMONARY**  
**PERTAINING TO RESPIRATORY SYSTEM**  
**PAPER – III**  
**Q.P. CODE: 7503**

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

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. Discuss in detail the drug resistance in tuberculosis.
2. Discuss the diagnosis of tuberculosis in detail.
3. Isoniazid
4. Congenital tuberculosis
5. New anti-tuberculosis drugs
6. Tuberculous endobronchitis
7. Prevention of tuberculosis
8. Mantoux test
9. MDR tuberculosis and its management
10. RNTCP

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# Rajiv Gandhi University of Health Sciences

**M.D. Degree Examination – MAY-2018**

[Time: 3 Hours]

[Max. Marks: 100]

**PULMONARY MEDICINE**  
**NON-INFECTIOUS DISEASES OF LUNG - PAPER – IV**  
**Q.P. CODE: 7504**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Discuss the differential diagnosis and investigations of Anterior mediastinal masses.
2. Discuss the fate of inhaled particles in the lungs. Enumerate sclerogenous dusts. Discuss the pathogenesis of asbestosis.
3. Management of kypho scoliosis.
4. Oxygen toxicity
5. Pleurodesis
6. Re-expansion pulmonary oedema.
7. Bronchial challenge tests.
8. Preoperative evaluation of a patient requiring lung resection.
9. Drug induced lung diseases.
10. Pulmonary rehabilitation.

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