

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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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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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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[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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