

Course Contents Theory

1. Basic sciences including Anatomy, Physiology, Pathology, Microbiology and Pharmacology.
2. Arterial blood gases and acid base disturbance.
3. Tuberculosis – Pulmonary- Extra- Pulmonary and allied topics in Tuberculosis
4. Non-Tubercular Respiratory Diseases.
 - Immunology of respiratory diseases.
 - Upper respiratory tract infection
 - Pneumonia
 - Emphysema
 - Lung abscess
 - Disease of Pleura
 - Fungal infection of the lung
 - Chronic bronchitis and emphysema
 - Pulmonary hypertension
 - Respiratory failure
 - Bronchiectasis
 - Parasitic diseases of the lung
 - Sarcoidosis
 - Bronchial asthma
 - Pulmonary eosinophilia, PAN, Wegener's granulomatosis
 - Pneumothrax and Mediastinal emphysema
 - Pulmonary thrombo embolism
 - Occupational lung diseases
 - Tumors of the lung
 - Diffuse fibrosingalveolitis
 - Respiratory manifestations of systemic diseases
 - Hyaline Membrane Diseases, Cystic Fibrosis Goodpasture's syndrome
 - Diseases of Mediastinum
 - Diseases of chest wall
 - Diseases of diaphragm
 - Lung transplantation

Practical

- Pulmonary function test
- ICD
- Bronchoscopy
- Bronchoscopic samplings
- Pleural biopsy
- Arterial puncture
- FNAC
- Trucut lung biopsy
- Thoracocintesis (Pleural Tapping)
- Pleurodesis
- Lumbar puncture
- Ascitic tapping

Scheme of Examination:

Candidate will be allowed to appear for examination only if attendance (Minimum 80%) and internal assessment are satisfactory and dissertation is accepted.

Theory- 4 papers of 100 marks each [400 marks]

Paper	Course	Marks
Paper 1	Medical, surgical & public health aspects of TB.	100marks (5 questions of 20 marks each)
Paper 2	General medicine	100marks (5 questions of 20 marks each)
Paper 3	Diseases of chest other than TB	100marks (5 questions of 20 marks each)
Paper 4	Modern trends and recent advances in respiratory medicine	100 marks (An easy question of 100 marks. There will be choice between two essays)

Practical – 600 marks, includes:

Exercise	Marks
• Long case – one	225 marks
• Short cases – two	150 marks, 75 marks each
• Spot case – one	75 marks
• Table viva	75 marks
• X-rays & Specimen	75 marks