

M.D. DEGREE EXAMINATION
BRANCH XVII – TUBERCULOSIS AND RESPIRATORY MEDICINE
PAPER I – APPLIED BASIC SCIENCES IN TUBERCULOSIS AND
RESPIRATORY DISEASES

Q.P. Code: 202065

Time: Three Hours

Maximum: 100 Marks

Write notes on:

I. ANATOMY: (4 x 5 = 20)

1. Lung Sequestration.
2. Parietal pleura.
3. Cross section of thoracic inlet.
4. Secondary pulmonary lobule.

II. PHYSIOLOGY: (4 x 5 = 20)

1. Oxygen dissociation curve.
2. Physiological dead space.
3. Lung compliance.
4. Surfactant.

III. BIOCHEMISTRY: (3 x 5 = 15)

1. Anti oxidants.
2. Respiratory alkalosis.
3. Tumour markers.

IV. PHARMACOLOGY: (3 x 5 = 15)

1. Clofazimine.
2. LAMA.
3. Rifampicin indication and side effects.

V. PATHOLOGY: (3 x 5 = 15)

1. Cross section of CILIA.
2. Airway remodeling.
3. Pathological Classification of Lung Tumour.

VI. MICROBIOLOGY: (3 x 5 = 15)

1. Legionella Pnuemophila.
2. Lung Fluke.
3. Loeffler's Syndrome.
