

(LD 171)

OCTOBER 2013

Sub. Code: 2065

M.D. DEGREE EXAMINATION

BRANCH XVII – TUBERCULOSIS AND RESPIRATORY MEDICINE

APPLIED BASIC SCIENCES IN TUBERCULOSIS AND RESPIRATORY
DISEASES

Q.P. Code: 202065

Time: Three Hours

Maximum: 100 marks

Write notes on:

I. ANATOMY

(4X5=20)

1. Development of Diaphragm.
2. Azygos Lobe.
3. Thoracic Duct.
4. Bronchial artery.

II. PHYSIOLOGY

(4X5=20)

1. Residual Volume.
2. Mountain Sickness.
3. Pulmonary Artery Wedge Pressure.
4. Cheyne-Stoke's Breathing.

III. BIOCHEMISTRY

(3X5=15)

1. Respiratory Acidosis.
2. Hyponatremia.
3. Sweat Chloride.

IV. PHARMACOLOGY

(3X5=15)

1. Drug Interactions with Rifampicin.
2. Indacaterol.
3. Tobramycin.

V. PATHOLOGY

(3x5=15)

1. Caseating Granuloma.
2. Kaposi Sarcoma.
3. Community Acquired Pneumonia.

VI. MICROBIOLOGY

(3x5=15)

1. Nocardia.
2. Mucormycosis.
3. Genexpert.
