

QP Code: 101118

Reg. No.:.....

**PG Degree Supplementary Examinations in Pulmonary Medicine (MD)
- November 2016**

**Paper I – Applied Aspects of Anatomy, Physiology, Biochemistry, Pathology,
Pathophysiology, Microbiology & Radiology of TB & Chest Diseases**

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays: (20)

1. Describe the structure and function of the diaphragm. Add a note on diaphragmatic hernias.

Short essays: (8x10=80)

2. Describe the mechanisms of hypoxemia.
3. Long acting beta agonist.
4. Write a note on control of ventilation
5. Describe a granuloma. Enumerate the differences between a sarcoid granuloma and tuberculosis granuloma.
6. Describe the principles of ultrasound and its role in lung disease.
7. Role of lung in acid base homeostasis.
8. Describe the pathophysiology of obesity hypoventilation.
9. Adaptation at high altitude.
