

QP Code: 101118

Reg. No.:.....

**PG Degree Supplementary Examinations in Pulmonary Medicine (MD)
– November 2017**

**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 development of lung and common developmental anomalies.

Short essays:

(8x10=80)

2. Describe the transport of oxygen.
3. Physiological changes during “Diving”.
4. Inspiratory capacity in health and disease.
5. Describe the actions of the respiratory muscles. Add a note on diaphragmatic muscle testing.
6. Describe the principles of MRI and its role in lung disease.
7. Describe the pathology of idiopathic pulmonary fibrosis.
8. Describe the pathophysiology of obstructive sleep apnoea.
9. Phosphodiesterase₄ (PDE₄) inhibitors.
