

**QP Code:101118**

**Reg.No.:.....**

**PG Degree Supplementary Examinations in Pulmonary Medicine (MD)  
- November 2014**

**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 broncho-pulmonary segments with a neat diagram. Add a note on its applied aspects.

**Short essays: (10x8=80)**

2. HRCT in lung disorders.
3. Non respiratory functions of lung
4. Airway resistance
5. Mucociliary escalator
6. Alveolar macrophage
7. Bronchial circulation
8. Pathophysiology of hyper inflation of lung
9. Silhouette sign

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