

**QP Code: 101118**

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

**PG Degree Examinations in Pulmonary Medicine (MD) April 2018**

**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*

**Essay:**

**(20)**

1. Describe the development of lung. Briefly describe the congenital anomalies of lung.

**Short essays:**

**(8x10=80)**

2. Tests of small airway function
3. Describe pathophysiological changes of respiratory system with aging
4. Describe various stages of sleep in normal individuals
5. Tests for bronchial reactivity
6. What is blood gas barrier, its function and clinical applications
7. What is compliance, enlist the types and how do you measure them
8. Ultra sonographic findings of pulmonary oedema
9. Maximum voluntary ventilation

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