

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**M.D. Degree Examination – 12-Nov-2019**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**PULMONARY MEDICINE - PAPER – I**  
**Basic Sciences Including Anatomy and Physiology**  
**pertaining to Respiratory System**  
**Q.P. CODE: 7501**

Your answers should be specific to the questions asked  
Draw neat labeled diagrams wherever necessary.

**Answer All The Questions**

**10 x 10 = 100 Marks**

1. Describe the lymphatic drainage of lung.
2. Discuss the defence mechanisms of the respiratory tract.
3. Closing volume.
4. Mucociliary escalator.
5. Peak expiratory flow rate (PEFR).
6. Microstructure of Cilia.
7. Development of lung.
8. Pulse Oximeter.
9. Pulmonary function tests.
10. Alveolar ventilation.

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