

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**M.D. Degree Examination – 19-Nov-2020**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**PULMONARY MEDICINE**  
**PAPER – I (RS-2/RS-3)**  
**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. Discuss in detail about pulmonary surfactant.
2. Describe pulmonary circulation and clinical aspects.
3. Respiratory acidosis.
4. Anatomy of pleura.
5. Respiratory muscles.
6. Alveolar macrophages.
7. Lung interstitium.
8. Phosphodiesterase inhibitors.
9. Ventilation perfusion and diffusion.
10. Acid base balance.

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