

**PG Degree Supplementary Examinations in Pulmonary Medicine (MD)  
November 2022**

**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 to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Development of trachea and its developmental anomalies. Write in detail on tracheoesophageal fistula.

**Short essays:**

**(8x10=80)**

2. Pathology of Covid – 19 in lung.
3. Compliance of lung.
4. Discuss cases control study and cohort study. How will you design a study to determine post Covid complications.
5. Haldane effect.
6. Lymph node stations in mediastinum.
7. Describe secondary pulmonary lobule with the help of a diagram and its correlation in HRCT of lungs.
8. Postural drainage.
9. Alveolar gas equation.

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