

QP Code: 101118

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Respiratory
Medicine (M.D) November 2025**

**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. Describe the development of Diaphragm with the help of diagrams; enumerate the various congenital abnormality with description and diagrams.

Short essays: (8x10=80)

2. Describe the ultrasound findings of pleural effusion.
3. Pathophysiology of COPD.
4. Macrophage.
5. Compliance.
6. Normal sleep architecture
7. Anion gap.
8. Anaerobic threshold.
9. Secondary pulmonary lobule and HRCT.
