

QP Code:101515

Reg. No.:.....

**D.M. (Pulmonary Medicine) Degree Supplementary Examinations
June 2026**

**Paper I – Applied Basic Science in Relation to General Medicine & Pulmonary
Medicine**

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 anatomy of intercostal arteries and their normal variations. Emphasize the precautions based on their location to a safe pleural intervention.

Short essays: (8x10=80)

2. Bronchopulmonary segments
3. Physiological changes during pregnancy
4. Closing volume and closing capacity
5. Impulse oscillometry
6. Measures of small airway disease
7. Likelihood ratios in diagnosis
8. Changes in respiratory physiology during exercise
9. Thoracic duct
