

QP Code:101515

Reg. No.:.....

**D.M. (Pulmonary Medicine) Degree Supplementary Examinations
March 2022**

**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. The respiratory system pressure – volume curve – discuss the curve basics, how do you measure the curve, curve caveats including recent updates and data

Short essays: (8x10=80)

2. Rationale and principle of biologicals in asthma
3. Right ventricular afterload
4. The driving pressure
5. High flow oxygen
6. Small airway functional assessment
7. Diaphragmatic dysfunction
8. Concept and utility of Pk/Pd in antibiotic prescriptions
9. Oxygen dissociation curve
