

QP Code:104515

Reg.No.:.....

**D.M. (Pulmonary Medicine) Degree Regular/Supplementary
Examinations September 2020**

Paper IV – Respiratory Critical Care and Recent Advances in 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 physiological effects of positive pressure mechanical ventilation.
Describe the adverse effects of mechanical ventilation and measures that can be taken to reduce the same. (10+10)

Short essays:

(8x10=80)

2. US (ultra sound) in the ICU.
3. Auto PEEP and its management.
4. Anti TSLP (thymic stromal lymphopoitin antibody)
5. ULBA (ultra long acting beta 2 agonist).
6. Pulmonary rehabilitation in non-COPD chronic lung disease.
7. Causes of extubation failure and weaning.
8. Mepolizumab
9. Riociguat.
