

QP Code:104118

Reg. No.:.....

**PG Degree Supplementary Examinations in Pulmonary Medicine (MD)
December 2020**

**Paper IV - Recent Advances in Respiratory Diseases Including Clinical
Immunology and Air Pollution**

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 main components of “outdoor air pollution”. Add a note on respiratory consequences.

Short essays:

(8x10=80)

2. Conjugate pneumococcal vaccine.
3. Bronchial thermoplasty.
4. Nintedanib
5. “Phosphodiesterase 4 inhibitors” in COPD.
6. Evaluation of a young adult with recurrent pneumonia.
7. TB vaccines.
8. Vitamin D and lung disease.
9. Extra corporeal circulation.
