

RESPIRATORY MEDICINE

PAPER-IV

Time: 3 hours
Max. Marks: 100

RPD/D/19/42/IV

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. a) Bronchial Thermoplasty. 5+5
b) Role of E-cigarettes in smoking cessation.
2. a) Extra corporeal membrane oxygenator (ECMO). 5+5
b) Bronchoscopic volume reduction in emphysema.
3. a) Newer methods of assessment of fluid status and responsiveness in critically ill patients. 5+5
b) Renal replacement therapy in ICU.
4. a) Current role of stress ulcer prophylaxis in the ICU. 5+5
b) End of life care issues in ICU.
5. a) Percutaneous Tracheostomy. 5+5
b) Transbronchial lung biopsy.
6. a) Diagnosis of IPF. 5+5
b) Anti-fibrotic drugs.
7. a) Advances in the management of pulmonary embolism. 5+5
b) Advances in mechanical ventilation of a patient with the ARDS.
8. a) Heparin induced thrombocytopenia (HIT). 5+5
b) New guidelines on HIT.
9. a) New GINA guidelines for asthma. 5+5
b) Newer biological for treatment of asthma.
10. a) New pneumococcal vaccination recommendation for adults more than 65-year-old. 5+5
b) Newer treatments for advanced COPD.
