

TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER – IV

RPD/D/16/42/IV

Time : 3 hours

Max. Marks : 100

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) Flow volume loops. 5+5
b) Bronchoprovocation test.
2. a) Enumerate causes of difficulty in weaning from mechanical ventilation. 3+7
b) Management of such a case
3. a) Per-cutaneous tracheostomy – Indications & technique. 5+5
b) Bronchial thermoplasty – Principles & advantages.
4. a) Role of e-cigarettes in smoking cessation. 5+5
b) Renal replacement therapy in ICU.
5. a) Assessment of technical quality of X-ray chest. 5+5
b) Transbronchial lung biopsy - Technique.
6. a) Medical thoracoscopy – Indications & technique. 5+5
b) Endobronchial ultrasound - Technique.
7. a) Extra Corporeal Membrane Oxygenator (ECMO). 5+5
b) Palliative therapy in lung cancer.
8. a) HRCT of thorax: Advantages & limitations as compared to conventional contrast enhanced CT. 5+5
b) Role of tumour markers in the treatment of lung cancer.
9. Recent WHO classification for lung cancer pathology and its implications on treatment. 10
10. a) Actigraphy. 5+5
b) Role of bronchoalveolar lavage in clinical practice and research.
