

TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER – IV

RPD/J/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. Video-assisted thoracoscopy: Indications & complications. 5+5
2. a) Technical aspects of endobronchial ultrasound (EBUS). 5+5
b) Advantages of EBUS over conventional tools.
3. a) Computed tomography features of tubercular lymphadenopathy. 5+5
b) Role of high resolution CT in Idiopathic Pulmonary Fibrosis.
4. a) Current status of exhaled nitric oxide measurement. 6+4
b) Exhaled breath condensate.
5. a) New drugs for COPD. 5+5
b) New drugs for asthma.
6. a) Standard of care in pulmonary tuberculosis. 5+5
b) DOTS-Plus
7. a) Ultrasonography of chest in an ICU setting. 5+5
b) Modified Allen's test.
8. a) Criteria for good spirometry. 6+4
b) Diagnostic algorithm for spirometry.
9. a) Non-invasive ventilation interfaces. 4+6
b) Contraindications and indications for non-invasive ventilation.
10. Indications, technique, monitoring and removal of chest intercostal tube thoracostomy. 2+3+3+2
