TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE
PAPER – 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

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