

TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER – IV

RPD/J/17/42/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. Performance and interpretation of spirometry. 4+6
2. a) Bronchial thermoplasty. 5+5
b) New drugs in asthma.
3. Methods of lung biopsy: Limitations & applications. 5+5
4. Surgical management of chronic obstructive pulmonary disease – Indications and outcomes. 5+5
5. a) Management of tracheal stenosis. 4+6
b) Bronchial artery embolization: Indications & technique.
6. Non pharmacological management of chronic obstructive pulmonary disease. 10
7. a) PET scan – Applications and limitations. 5+5
b) Chest ultrasonography in ICU.
8. a) Detection of auto-PEEP. 6+4
b) Imaging for pleural effusion.
9. a) Bedaquiline. 5+5
b) Impulse Oscillometry.
10. Drug induced interstitial lung disease – Diagnosis & management. 6+4
