

RESPIRATORY DISEASES**PAPER – IV**

Time : 3 hours

Max. Marks : 100

RPD/D/17/D/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:

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|-----|---|-------|
| 1. | a) Diagnosis of pneumothorax by ultrasonography
b) Limitations of lung ultrasonography. | 6+4 |
| 2. | a) Radial probe EBUS
b) Convex probe EBUS
c) Elastography in EBUS | 3+5+2 |
| 3. | a) Endobronchial brachytherapy
b) Tracheobronchial stenting | 4+6 |
| 4. | a) Bronchial Thermoplasty
b) Bronchoscopic closure of bronchopleural fistula | 4+6 |
| 5. | a) Virtual bronchoscopy
b) CT angiography in diagnosis of pulmonary embolism
c) Fallacies of PET/CT | 3+5+2 |
| 6. | a) Newer drugs in the management of asthma
b) Newer drugs in the management of lung cancer | 6+4 |
| 7. | a) Nucleic acid amplification test
b) Nintedanib
c) Delamanid | 3+4+3 |
| 8. | a) Vital capacity
b) Body plethysmography | 3+7 |
| 9. | a) Forced vital capacity
b) Maximum voluntary ventilation | 5+5 |
| 10. | a) Indications of medical thoracoscopy
b) Bronchoscopic endotracheal intubation | 5+5 |
