

RESPIRATORY DISEASES

PAPER – II

Time : 3 hours

Max. Marks : 100

RPD/D/17/D/42/II

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) Classification of COPD. | 3+7 |
| | b) Management of COPD exacerbation. | |
| 2. | a) Bronchial challenge testing | 5+3+2 |
| | b) Exhaled nitric oxide | |
| | c) Sputum examination in asthma | |
| 3. | a) Extra pulmonary sarcoidosis | 6+4 |
| | b) Indications for treatment of sarcoidosis. | |
| 4. | Diffuse alveolar haemorrhage: Differential diagnosis and management. | 4+6 |
| 5. | a) Diagnostic approach in pulmonary embolism. | 5+5 |
| | b) Thrombolytic therapy in pulmonary embolism. | |
| 6. | a) Diagnosis of granulomatosis with polyangiitis (GPA) | 5+5 |
| | b) Remission induction therapy in ANCA associated vasculitis. | |
| 7. | a) Etiology of secondary spontaneous pneumothorax. | 5+5 |
| | b) Therapeutic options of primary spontaneous pneumothorax. | |
| 8. | a) Lung complication of thoracic radiotherapy. | 5+3+2 |
| | b) Stereotactic body radiotherapy | |
| | c) Ablative radiotherapy | |

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| 9. | a) Risk factors for a complicated course or mortality in patients with community acquired pneumonia.
b) Initial empiric antimicrobial therapy in community acquired pneumonia. | 5+5 |
| 10. | a) Life cycle of <i>Pneumocystis jiroveci</i> .
b) Treatment of <i>Pneumocystis pneumonia</i> . | 4+6 |
