

**RESPIRATORY MEDICINE**  
**PAPER-II**

TIME: 3 HOURS  
MAX. MARKS: 100

RDD/D/18/42/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) Pulmonary manifestations of progressive systemic sclerosis (PSS).<br>b) How will you manage a case of PSS with pulmonary hypertension?              | 6+4 |
| 2. a) Asthma COPD overlap syndrome.<br>b) Complex sleep apnoea.   | 5+5 |
| 3. a) Classification of pulmonary hypertension.<br>b) Briefly outline the drugs used in treatment of idiopathic pulmonary hypertension.                   | 5+5 |
| 4. a) Criteria for stage 3A and Stage 3B non-small cell lung cancer and management strategies.<br>b) Management of malignant pleural effusion.            | 5+5 |
| 5. a) Pathogenesis of silicosis.<br>b) How will you diagnose a case of silicosis?   | 5+5 |
| 6. a) Drug treatment of invasive pulmonary aspergillosis.<br>b) Differential diagnosis of diffuse alveolar haemorrhage.                                   | 5+5 |
| 7. a) Diagnosis of eosinophilic granulomatosis with polyangiitis (EGPA).<br>b) Treatment of EGPA.   | 6+4 |
| 8. a) Vaccination schedule in chronic respiratory diseases.<br>b) Paraneoplastic syndromes related to bronchogenic carcinoma.                             | 5+5 |
| 9. a) Investigation of non-resolving pneumonia.<br>b) Acute exacerbation in a patient with idiopathic pulmonary fibrosis.                                 | 5+5 |
| 10. a) Role of non-invasive ventilation (NIV) in acute hypoxaemic respiratory failure.<br>b) Causes of difficulty in weaning from mechanical ventilation. | 5+5 |

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