

RESPIRATORY DISEASES

PAPER-IV

RPD/J/18/42/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:

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|-----|---|-----|
| 1. | a) Anti IGE antibodies
b) Line probe assay in TB | 5+5 |
| 2. | a) Indications for Thoracoscopy.
b) Lung Volume Reduction Surgery (LVRS) | 5+5 |
| 3. | a) Universal drug sensitivity tests for TB
b) Role of surgery in TB. | 5+5 |
| 4. | a) Indications for lung transplantation.
b) Bronchial thermoplasty for management of asthma. | 5+5 |
| 5. | a) Role of advanced modes of PAP (Positive airway pressure) therapy for obstructive sleep apnoea.
b) Phosphodiesterase inhibitors for management of asthma and COPD. | 5+5 |
| 6. | a) Management of refractory ARDS.
b) Role of empirical antifungals in critically ill. | 5+5 |
| 7. | a) Current status of inhaled steroids in management of COPD.
b) Criteria for diagnosis of allergic bronchopulmonary aspergillosis (ABPA). | 5+5 |
| 8. | a) Treatment of carbapenem resistant Gram negative sepsis.
b) Role of thrombolysis and surgery in patients with acute pulmonary thromboembolism. | 5+5 |
| 9. | a) Adenosine deaminase (ADA) in respiratory diseases.
b) Bronchial artery embolization. | 5+5 |
| 10. | a) Ventilation perfusion scan: Utility in clinical practice.
b) Role of 18 FDG PET in management of non-malignant diseases of the respiratory system. | 5+5 |
