



TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER – I

RPD/D/14/42/I

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. Closing volume & capacity & their clinical relevance. 3+7
2. ROSE(Rapid on-site cytologic evaluation) and its clinical application & its utility in Pulmonary Medicine. 10
3. Pathogenesis, clinical features & management of metabolic alkalosis. 4+3+3
4. Define systemic meta analysis. Describe briefly its role and place in evidence based medicine. 2+8
5. Various phenotypes of asthma and their clinical relevance. 5+5
6. Anatomical compartments of mediastinum and pathological conditions related to them. 4+6
7. Define hypoxia. Discuss pathophysiological mechanism with an example of each. 2+8
8. Pleural fluid formation & absorption in relation to diagnosis and management of pleural effusion. 10
9. Define flow-volume loops. Discuss its clinical relevance in diagnosing respiratory diseases. 3+7
10. Clinical features, diagnosis and management of diaphragmatic dysfunction. 3+4+3
