



TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER - I

RPD/J/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. Measures of diagnostic test accuracy and disease probability. 5+5
2. Respiratory system mechanics and their monitoring in the ICU. 10
3. Causes, pathogenesis and treatment of drug induced ILD. 10
4. a) Pregnancy and asthma 5+5
b) Pregnancy and pulmonary hypertension
5. Enumerate causes of noncardiogenic pulmonary edema and discuss treatment of high altitude pulmonary edema. 5+5
6. Causes and approach to the patient with High-Anion Gap Acidosis. 5+5
7. Cancer genetics with reference to lung cancer. 10
8. Acute radiation syndrome. 10
9. Discuss drugs for prophylaxis of: 5+5
a) Influenza
b) Pneumocystis jiroveci
10. Ambient air pollution and COPD. 10
