

**RESPIRATORY MEDICINE**

PAPER-III

Time: 3 hours  
Max. Marks:100

RPD/D/19/42/III

**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. a) Complex sleep apnea. 5+5  
b) Restless leg syndrome.
2. a) Diagnosis of Ventilator Associated Pneumonia. 5+5  
b) Complication of severe community acquired pneumonia.
3. a) Infection control in the ICU. 5+5  
b) Hyponatremia in ICU.
4. a) Proportional assist ventilation. 5+5  
b) Neutrally adjusted ventilator assist (NAVA).
5. a) Lung Protective ventilation. 5+5  
b) Bedside Ultrasound and ECHO in ICU.
6. a) Polysomnography – types and indications. 5+5  
b) Treatment of OSA.
7. a) Nucleic acid amplification tests for the diagnosis of tuberculosis. 5+5  
b) HIV-TB.
8. a) Newer anti-TB drugs. 5+5  
b) Newer vaccines and immunotherapy for tuberculosis.
9. a) Management of hepato-toxicity due to common anti-TB drugs. 5+5  
b) End TB strategy.
10. a) Changes in RNTCP. 5+5  
b) Silico-tuberculosis.

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