

**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:**

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|-----|---|-----|
| 1.  | a) Complex sleep apnea.<br>b) Restless leg syndrome.  | 5+5 |
| 2.  | a) Diagnosis of Ventilator Associated Pneumonia.<br>b) Complication of severe community acquired pneumonia. | 5+5 |
| 3.  | a) Infection control in the ICU.<br>b) Hyponatremia in ICU.   | 5+5 |
| 4.  | a) Proportional assist ventilation.<br>b) Neutrally adjusted ventilator assist (NAVA).                      | 5+5 |
| 5.  | a) Lung Protective ventilation.<br>b) Bedside Ultrasound and ECHO in ICU.                                   | 5+5 |
| 6.  | a) Polysomnography – types and indications.<br>b) Treatment of OSA.   | 5+5 |
| 7.  | a) Nucleic acid amplification tests for the diagnosis of tuberculosis.<br>b) HIV-TB.                        | 5+5 |
| 8.  | a) Newer anti-TB drugs.<br>b) Newer vaccines and immunotherapy for tuberculosis.                            | 5+5 |
| 9.  | a) Management of hepato-toxicity due to common anti-TB drugs.<br>b) End TB strategy.                        | 5+5 |
| 10. | a) Changes in RNTCP.<br>b) Silico-tuberculosis.   | 5+5 |

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