



TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER – III

RPD/D/14/42/III

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. BCG vaccination for prophylaxis of tuberculosis. 10
2. Define MDR & XDR-TB. Briefly discuss important causes of such resistant cases. (2+2)+6
3. What is Obstructive Sleep Apnoea (OSA) & Obstructive Sleep Apnoea Syndrome (OSAS)? What are the medical treatment modalities available for them? Briefly describe role of CPAP therapy in these conditions. 3+3+4
4. Discuss predictors of success and failure of non-invasive ventilation. 5+5
5. What are the causes of acquired neuromuscular weakness in critically ill? Discuss its diagnosis and management. 4+(3+3)
6. What is Patient Ventilator Asynchrony? How will you manage it? 3+7
7. Enumerate causes of obesity hypoventilation syndrome. Discuss briefly approach to its management. 3+7
8. Pathophysiology and prevention of ventilator induced lung injury (VILI). 7+3
9. Mimics of acute asthma & how will you differentiate them from bronchial asthma? 5+5
10. What is Latent Tubercular Infection (LTBI)? How is it diagnosed? Analyze critically relevance of its treatment in India. 2+3+5
