

RESPIRATORY DISEASES

PAPER - IV

RPD/D/13/42/IV

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.

1. What are the functions of small airways? Discuss its clinical implications and describe each in detail. 2+(2+6)
2. What is ARDS? Give new Berlin Classification. Discuss ventilatory strategies for its management. 2+2+6
3. Discuss various extra pulmonary manifestations of sarcoidosis. 10
4. Define pulmonary arterial hypertension (PAH). Discuss clinical features, diagnosis and management of chronic thromboembolic pulmonary hypertension (CTEPH). 2+(3+2+3)
5. How will you differentiate acute bronchial asthma from acute exacerbation of COPD? Outline management protocols for both. 6+4
6. What are the indications for ICU care in patients with community acquired pneumonia? Discuss management of such a case. 5+5
7. What is Allergic Bronchopulmonary Aspergillosis (ABPA)? Describe its diagnostic criteria and management. 2+(5+3)
8. Discuss various adventitious lung sounds including their differentiating features in various lung diseases. 5+5
9. What is non-invasive ventilation (NIV)? What are the common indications in which NIV should be used? Discuss in detail the role of NIV in the management of acute exacerbation of COPD. 2+2+6
10. What is spirometry? What are its indications? Describe the various patterns of abnormalities seen on spirometry. 10
