

RESPIRATORY DISEASES**PAPER IV**

RPD/J/13/42/IV

Time : 3 hours**Max. Marks : 100****Attempt all questions in order.****Each question carries 10 marks.**

1. Discuss causes of hypercapnic respiratory failure, its clinical features, diagnosis, ventilatory support and outcome. 2+2+2+3+1
2. Discuss the diagnosis, severity assessment and management of a lady with acute severe asthma with pregnancy. 2+3+5
3. Describe clinical utility of molecular methods for diagnosis of tuberculosis. 10
4. Discuss clinical manifestations of kyphoscoliosis. What is Cobb's angle? How does it affect the prognosis of the patient? 4+3+3
5. Discuss International classification of sleep disorders. Describe clinical manifestations of alveolar hypoventilation. 5+5
6. Draw a diagram showing site of possible herniation of diaphragmatic hernia. Define Morgagni hernia. Write its clinical presentation and management. 4+2+(2+2)
7. Discuss updated GOLD guidelines for severity assessment of COPD and its implications. 6+4
8. Draw the diagram of oxygen dissociation curve. What are the clinical implications of this curve? 5+5
9. What are dyskinetic cilia syndromes? Draw the electron microscopic structure of a cilia. 5+5
10. What are the direct and indirect radiological signs of atelectasis? 5+5
