1. Discuss epidemiology of Tuberculosis in India. Outline components of DOTS. 6+4

2. What are the causes of chronic cough with normal chest X-ray? Discuss its diagnosis and management. 5+(3+2)

3. What is Immune Reconstitution Inflammatory Syndrome (IRIS)? What are different types of IRIS seen in relation to tuberculosis? Describe its clinical symptoms and treatment. 2+3+(2+3)

4. Write short notes on:-
   a) Brain death
   b) Endemic hemoptysis 5+5

5. Discuss clinical indications for cardiopulmonary exercise testing. Briefly outline its procedure and physiology. 5+5

6. Discuss epidemiology of sleep apnoea in India. Discuss role of home screening in obstructive sleep apnoea. 5+5

7. Discuss etiology and preventive strategies for ventilator associated pneumonia. 5+5

8. Discuss etiology, pathogenesis, clinical features and management of high altitude pulmonary edema. 2+3+2+3


10. Discuss adult vaccination with special reference to pulmonologist. Discuss their merits and demerits. 5+5

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