Write short notes on:

1. Recent advances in the classification and staging of lung cancer. 5+5
2. Current guidelines for management of idiopathic pulmonary fibrosis. 10
3. a) Radial EBUS  
   b) Percutaneous Dilational Tracheostomy 5+5
4. Enumerate newer drugs used for treatment of resistant tuberculosis and outline the clinical use and adverse reactions of each of them. 4+6
5. Rescue strategies used in mechanical ventilation of patients with severe ARDS. 10
6. a) Newer tests for assessing fluid responsiveness. 5+5  
   b) Bronchial thermoplasty
7. Principles of bronchoscopic lung volume reduction. 10
8. Role of bedside ultrasound in the ventilatory management of ARDS. 10
9. Targeted therapy of lung cancer. 10
10. Role of non-invasive ventilation in the management of stable patient of COPD with chronic respiratory failure. 10

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