

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. Bronchopulmonary segments with emphasis on: 5+5
 - a. Applied surgical anatomy.
 - b. Bronchoscopic view.
2. a. Lymphatic drainage of lung. 5+5
 - b. Lymph node stations with surgical relevance.
3. a. Fungal infections of lung requiring surgical resection. 5+5
 - b. Manifestations of Aspergillus infection.
4. a. Interstitial lung disease. 5+5
 - b. Surgeon's role in its diagnosis and management.
5. Preoperative evaluation of a thoracic surgery patient: 5+2+3
 - a. Pulmonary Function Test.
 - b. Functional capacity.
 - c. Cardiac evaluation.
6. a. Various Types of Endoscopes used as diagnostic tool in Thoracic Surgery - Technique. 4+4+2
 - b. Rigid versus flexible scopes.
 - c. EBUS and EUS.
7. Advanced Trauma Life Support (ATLS) Protocol for chest trauma. 10
8. Thoracic Outlet Syndrome: 3+7
 - a. Clinical manifestations
 - b. Management
9. Pulmonary Embolism: 4+6
 - a. Etiology
 - b. Prevention and management
10. Lung infections in Acquired Immunodeficiency Syndrome and their management. 10
