

THORACIC SURGERY

PAPER – I

TH.SURG/D/16/51/I

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. Lung lobes and fissures and anatomy of the bronchopulmonary segments: Illustrate with diagrams wherever possible. 10
2. What is the sequence of reading X-ray chest of a thoracic surgical patient? Illustrate with examples. 10
3. a) Virtual bronchoscopy – Technique. 5+5
b) Ventilation perfusion scanning – Technique.
4. Pulmonary function tests and their relevance to the evaluation of a thoracic surgical patient. 10
5. What are the important components of pre-operative preparation of a patient due for major thoracic surgical procedure? 10
6. a) Intraoperative monitoring of a thoracic surgical patient. 5+5
b) Post operative pain relief.
7. How do you set up a basic bronchoscopy suite? What are the minimum requirement of equipments, infrastructure and manpower available for bronchoscopy? 10
8. Indications and contraindications of doing fibre-optic bronchoscopy. 10
9. Algorithm of managing a patient suffering from thoracic trauma. 10
10. Technique of performing rigid bronchoscopy along with possible complications. 10
