

**THORACIC SURGERY**

**PAPER-I**

Time: 3 hours  
Max. Marks:100

TH.SURG/J/20/51/I

**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. a) How do you manage a case of massive haemoptysis? 5+5  
b) Vanishing lung syndrome.
2. a) Name the structures in anterior mediastinum. 5+5  
b) Discuss management of thymus tumors.
3. a) Describe anatomy and blood supply of trachea. 5+5  
b) Add a note on tracheal resections for stenosis.
4. a) What are the physiology alterations in myasthenia gravis? 5+5  
b) What are the principle its management?
5. a) What are the principles of video assisted thoracoscopic surgery? 5+5  
b) What are its advantages and disadvantages?
6. a) Name the drugs used after lung transplant. 3+7  
b) Discuss their mechanism of action.
7. a) Diagrammatically show the lymph nodal stations of the mediastinum 3+3+4  
and thoracic cavity.  
b) Extrathoracic symptoms of lung cancer.  
c) Anatomic classification of diaphragmatic eventration.
8. a) Epidemiology of mesothelioma. 2+4+4  
b) Management of mesothelioma.  
c) Cytology study of pleural fluid.
9. a) What are bronchopulmonary segments? 2+8  
b) Draw a diagram to illustrate these.
- 10 a) Discuss various types of pulmonary function tests. 5+5  
b) Discuss their findings in chronic obstructive lung disease.

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