

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

THORACIC SURGERY

PAPER – III

TH.SURG/D/16/51/III

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. TNM classification and staging of cancer lung 10
2. a) Indications for right upper lobe sleeve resection. 4+6
b) Principle and surgical technique in right upper lobe sleeve resection.
3. Write the important points in pneumonectomy of right and left side. When is intrapericardial control essential? 7+3
4. Technique, limitations and complications of video-assisted thoracic surgery. 5+3+2
5. What are the essentials of robotic assisted thoracic surgery? Mention the basics of the technique. 10
6. What are the various approaches of surgical correction of thoracic outlet obstruction syndrome? Write their pros and cons. 10
7. Indications & technique: 5+5
a) Transhiatal esophagectomy.
b) Ivor Lewis esophagectomy.
8. What are the indications of lung transplantation? Enumerate the standard donor criteria. 6+4
9. a) Principles of lung volume reduction surgery. 5+5
b) Present day indication for lung volume reduction surgery.
10. Role of Extra Corporeal Membrane Oxygenation (ECMO) in Thoracic Surgery. 10
