

National Board of Examinations

Question Paper Name :	DrNB Cardio Vascular and Thoracic Surgery Paper2
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DrNB Cardio Vascular and Thoracic Surgery Paper2

Group Number :	1
Group Id :	3271871081
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
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Show Progress Bar? :	No

DrNB Cardio Vascular and Thoracic Surgery Paper2

Section Id :	3271871084
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Section Number : 1
Section type : Offline
Mandatory or Optional : Mandatory
Number of Questions to be attempted : 10
Section Marks : 100
Enable Mark as Answered Mark for Review and Clear Response : Yes
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 3271871088
Question Shuffling Allowed : No

Question Number : 1 Question Id : 3271879862 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Classify the anatomical parts of mediastinum. [2]
b) What are the types of mediastinal tumor in each part of mediastinum? [3]
c) The chest X-ray (PA view) of a 50 year old man reveals a near circular large uniform opacity in the left upper parasternal region with its base attached towards the mediastinum. What is the differential diagnosis of it and describe the plan of further management. [5]

Question Number : 2 Question Id : 3271879863 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What are the histological types of lung cancer? [3]

- b) Define the stage of T1N1M0 lesion and T2N1M0 lesion. [3]
- c) Describe the plan of management for a case of small cell carcinoma. [4]

Question Number : 3 Question Id : 3271879864 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What is Roo's operation? What are its merits and demerits? [3]
- b) What are the indications for surgery? [3]
- c) Various surgical approaches used in the treatment of this ailment and their postoperative complications. [4]

Question Number : 4 Question Id : 3271879865 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What is sequestration of lung and describe its types? [4]
- b) Preoperative workup in these cases. [2]
- c) Describe the treatment of this condition. [4]

Question Number : 5 Question Id : 3271879866 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the diagnostic plan and management for a 25 year old gentleman presenting with complaints of sudden onset of severe odynophagia and chest discomfort while he was eating meal with fish curry. He was brought to the hospital within 4 hours of the onset of symptoms. Chest X-ray revealed right pneumothorax and mediastinal emphysema. [10]

Question Number : 6 Question Id : 3271879867 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What are the indications for rigid bronchoscopy? [2]
- b) Describe its technique. [3]

c) What are merits and demerits of flexible bronchoscopy in comparison to the rigid bronchoscopy? [5]

Question Number : 7 Question Id : 3271879868 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Briefly describe chronic thrombopulmonary embolism under following headings:

- a) Clinical features. [2]
- b) Investigations. [3]
- c) Indications for surgical interventions. [2]
- d) Prophylaxis for DVT. [3]

Question Number : 8 Question Id : 3271879869 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What is bronchopleural fistula? What is its etiology? [4]
- b) What are its types? [2]
- c) How is it managed? [4]

Question Number : 9 Question Id : 3271879870 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Describe the Stanford classification and DeBakey's classification for aortic aneurysm. [5]
- b) What are the types of endoleaks after aortic stent placement and describe their management? [5]

Question Number : 10 Question Id : 3271879871 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) What is flail chest? Describe its pathophysiology. [5]

b) What is the plan of management for a case of blunt injury of chest, clinically pale with diminished breath sounds along with gurgling sounds on the left side of the chest with rightward shift of apex beat? Chest X-ray revealed fracture of the left lower ribs with tented left hemidiaphragm. [5]