

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Cardio Vascular and Thoracic Surgery Paper1
<b>Subject Name :</b>	DrNB Cardio Vascular and Thoracic Surgery Paper1
<b>Creation Date :</b>	2023-10-15 14:11:42
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## DrNB Cardio Vascular and Thoracic Surgery Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872463
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Cardio Vascular and Thoracic Surgery Paper1

<b>Section Id :</b>	3271872466
<b>Section Number :</b>	1

<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872470
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718724863 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

**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) Enumerate and describe various malignancy of lungs. [6]
- b) Describe pulmonary lymph node stations in context of malignancy. [4]

**Question Number : 2 Question Id : 32718724864 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Triangle of Koch's and its applied surgical aspect. [5]
- b) Aorto-mitral continuity and clinical significance. [5]

**Question Number : 3 Question Id : 32718724865 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Describe various phases of cardiac cycle with duration of each phase. [3]
- b) Briefly discuss its applied aspect in relation to various arrhythmia. [3]
- c) Baroreceptor and chemoreceptor reflex. [4]

**Question Number : 4 Question Id : 32718724866 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Atrial fibrillation: causes, presentation and treatment. [5]
- b) Various types of cardioplegia solutions, composition, dosing and benefits. [5]

**Question Number : 5 Question Id : 32718724867 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Describe pathogenesis and pathological changes and prophylaxis of rheumatic heart disease. [5]
- b) Precursor lesion and gene mutations for lung carcinoma development. [3]
- c) Bronchoalveolar Lavage: its role in diagnosis of lung carcinoma. [2]

**Question Number : 6 Question Id : 32718724868 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Classification and pathogenesis of infective endocarditis (IE). [5]
- b) Enumerate common organism in various types of IE. [5]

**Question Number : 7 Question Id : 32718724869 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Briefly discuss hydatid disease of heart and lung. [2]
- b) Common organism involved. [2]
- c) Life cycle of causative organism. [2]
- d) Radiological findings in lung hydatid disease. [2]
- e) Treatment options available. [2]

**Question Number : 8 Question Id : 32718724870 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Difference between conventional standard heparin and low molecular weight heparin. [4]
- b) Pharmacokinetics of protamine and dose response curve. [2]
- c) Mode of action of newer oral anticoagulants. [4]

**Question Number : 9 Question Id : 32718724871 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Anti-arrhythmic drugs classification and names of drugs in each class. [5]
- b) Pharmacology of Amiodarone, dosing with side effects. [5]

**Question Number : 10 Question Id : 32718724872 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Drugs for multidrug resistant tuberculosis with doses. [4]

b) Pharmacokinetics of nitroglycerine with dosages. [3]

c) Potassium sparing diuretics. [3]