

National Board of Examinations

Question Paper Name :	DrNB Cardio Vascular and Thoracic Surgery Direct 6 years course Part 1 Paper2
Subject Name :	DrNB Cardio Vascular and Thoracic Surgery Direct 6 years course Part 1 Paper2
Duration :	180
Total Marks :	100
Display Marks:	No
Maximum Instruction Time :	0

Question Number : 1 Question Id : 32718740974 Consider As Subjective : Yes

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) Briefly describe anatomy of tricuspid valve with diagram(s). [4]
- b) Relation of conduction system in relation to tricuspid valve. [3]
- c) Draw diagram of conduction system in relation with peri-membranous VSD and methods to prevent damage to it. [3]

Question Number : 2 Question Id : 32718740975 Consider As Subjective : Yes

- a) Anatomy of coronary arteries. [3]
- b) Regulation of coronary blood flow. [4]
- c) Enumerate reasons for superiority of results of left internal mammary artery to left anterior descending artery for CABG. [3]

Question Number : 3 Question Id : 32718740976 Consider As Subjective : Yes

- a) PET scan and its uses in cardiac surgery. [3]
- b) Role of newer oral anticoagulants (NOACS) in patients with peripheral vascular disease. [3]
- c) Anatomy of thoracic outlet. [4]

Question Number : 4 Question Id : 32718740977 Consider As Subjective : Yes

- a) Del Nido cardioplegia. [4]
- b) Retrograde cardioplegia. [3]
- c) Hot-shot for myocardial protection. [3]

Question Number : 5 Question Id : 32718740978 Consider As Subjective : Yes

- a) Bronchial carcinoid. [3]
- b) Lower esophageal sphincter. [3]
- c) Lymph node stations of lung. [4]

Question Number : 6 Question Id : 32718740979 Consider As Subjective : Yes

- a) Aspergillosis. [3]
- b) Lung abscess. [3]
- c) Surgical management of pulmonary tuberculosis. [4]

Question Number : 7 Question Id : 32718740980 Consider As Subjective : Yes

- a) WPW syndrome. [3]
- b) Amiodarone. [3]
- c) Cardiac resynchronization therapy (CRT). [4]

Question Number : 8 Question Id : 32718740981 Consider As Subjective : Yes

- a) Methods to assess functional impact of coronary artery stenosis. [4]
- b) Surgical management of hyperhydrosis. [3]
- c) International normalized ratio and its role in management of various anticoagulants. [3]

Question Number : 9 Question Id : 32718740982 Consider As Subjective : Yes

- a) ART trial. [3]
- b) CORONARY trial. [3]
- c) SYNTAX score. [4]

Question Number : 10 Question Id : 32718740983 Consider As Subjective : Yes

- a) Hypothermia for neonatal cardiac surgery. [3]
- b) Strategies to manage pH in arterial blood during hypothermia with merits and demerits of each. [4]
- c) Draw a diagram of cardiac catheterization tracing in a patient with constrictive pericarditis and describe the diagnostic hallmark of constrictive pericarditis. [3]