

National Board of Examinations

Question Paper Name :	DrNB Cardiac Anaesthesia Paper2
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DrNB Cardiac Anaesthesia Paper2

Group Number :	1
Group Id :	3271872789
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
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DrNB Cardiac Anaesthesia Paper2

Section Id :	3271872792
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872796
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729174 Question Type : SUBJECTIVE Consider As Subjective : Yes

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. Write in brief about hypovolemic shock. Enumerate the causes & strategies to treat it in perioperative cardiac surgery patients. [4+6]

Question Number : 2 Question Id : 32718729175 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss anaesthesia management of a 35 year old pregnant female patient with mitral regurgitation for mitral valve surgery. [10]

Question Number : 3 Question Id : 32718729176 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe about ischemic conditioning of myocardium and illustrate pharmacological agents used for it. [5+5]

Question Number : 4 Question Id : 32718729178 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Write on newer antiplatelet agents and their perioperative management in coronary artery bypass surgery patients. [5+5]

Question Number : 5 Question Id : 32718729179 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss implantable pacemakers and anaesthetic consideration in brief. [5+5]

Question Number : 6 Question Id : 32718729180 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate methods of non-invasive cardiac output measurement and write in detail about one of them. [5+5]

Question Number : 7 Question Id : 32718729181 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Write about Transesophageal Echocardiography views for tricuspid valve. [10]

Question Number : 8 Question Id : 32718729182 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss anaesthesia management of neonatal coarctoplasty in cathlab suite. [10]

Question Number : 9 Question Id : 32718729183 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss perioperative anaesthetic management of a two-month-old child for ventricular septal defect repair surgery. [10]

Question Number : 10 Question Id : 32718734685 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Regarding cardiac tamponade:

- a) What are the clinical presentation, probable echocardiographic findings in a patient of acute cardiac tamponade? [5]
- b) Write in brief about anaesthetic management of acute cardiac tamponade. [5]