

National Board of Examinations

Question Paper Name :	DrNB Cardiac Anaesthesia Paper3
Subject Name :	DrNB Cardiac Anaesthesia Paper3
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Actual Answer Key :	No

DrNB Cardiac Anaesthesia Paper3

Group Number :	1
Group Id :	3271872790
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DrNB Cardiac Anaesthesia Paper3

Section Id :	3271872793
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 :	3271872797
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729184 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. Discuss various new modes of ventilation for post-operative cardiac surgery patients. [10]

Question Number : 2 Question Id : 32718729185 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate various pulmonary vasodilators and compare them. [3+7]

Question Number : 3 Question Id : 32718729186 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss in detail about regional blocks used in Cardiac Surgery. [10]

Question Number : 4 Question Id : 32718729187 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Write in brief about 3D Echocardiographic imaging for mitral valve. [10]

Question Number : 5 Question Id : 32718729189 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss anesthesia management of minimally invasive coronary artery bypass grafting surgery. [10]

Question Number : 6 Question Id : 32718729190 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss conduction of veno-arterial ECMO. [10]

Question Number : 7 Question Id : 32718729191 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the use of Artificial Intelligence in Cardiac Anaesthesia. [10]

Question Number : 8 Question Id : 32718729192 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Write about the role of Anaesthesiologist in TAVI procedure. [10]

Question Number : 9 Question Id : 32718729193 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Write indications of one lung ventilation and discuss in brief about endobronchial blockers. [3+7]

Question Number : 10 Question Id : 32718736724 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Regarding LVAD:

- a) Role of intraoperative TEE during placement of LVAD. [5]
- b) Discuss the issues related to postoperative care after Left ventricular assist device (LVAD) placement. [5]