

National Board of Examinations

Question Paper Name :	DrNB Cardiology Paper1
Subject Name :	DrNB Cardiology Paper1
Creation Date :	2022-06-25 17:18:33
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Cardiology Paper1

Group Number :	1
Group Id :	3271871073
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
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Cardiology Paper1

Section Id :	3271871076
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 : 3271871080
Question Shuffling Allowed : No

Question Number : 1 Question Id : 3271879782 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) Cardiac Action Potential. [5]
b) Anti-arrhythmic Drugs Classification and class effect on Cardiac Action Potential. [5]

Question Number : 2 Question Id : 3271879783 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Normal Ventricular Pressure Volume Loop. [5]
b) Effect of Preload and Afterload on Ventricular Pressure Volume Loop. Physiological effects of Various Mechanical circulatory support devices on Pressure Volume Loop. [5]

Question Number : 3 Question Id : 3271879784 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Development of Interventricular Septum. Anatomical Classification of Ventricular Septal Defects. [5]

b) Development of Interatrial Septum. Anatomical Classification of Atrial Septal Defects. [5]

Question Number : 4 Question Id : 3271879785 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Clinical Trials: Phases and Components. [5]

b) Sensitivity, Specificity, Positive Predictive Value and Negative Predictive Value. [5]

Question Number : 5 Question Id : 3271879786 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Anatomy of the Conduction System of the Heart and its clinical application. [5]

b) Anatomy of Cardiac Venous system and its clinical application. [5]

Question Number : 6 Question Id : 3271879787 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Failing Heart: Alterations in the Myocardium. [5]

b) Pathogenesis of Heart Failure. [5]

Question Number : 7 Question Id : 3271879788 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Evolution of Atheroma. [5]

b) Restenosis after Arterial Intervention & Atherosclerosis after Cardiac Transplantation. [5]

Question Number : 8 Question Id : 3271879789 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Hemodynamic Changes during Exercise. [5]

b) ACC / AHA Atherosclerotic Cardiovascular Disease Risk Enhancers used in the ACC/AHA guidelines. [5]

Question Number : 9 Question Id : 3271879790 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Pathophysiology of Systemic Hypertension. [5]

b) Drug induced Hypertension. [5]

Question Number : 10 Question Id : 3271879791 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Pathophysiology of Stress Cardiomyopathy. [5]

b) Ventricular Remodeling. [5]