

National Board of Examinations

Question Paper Name :	DNB Anaesthesiology Paper1
Subject Name :	DNB Anaesthesiology Paper1
Creation Date :	2024-05-15 21:34:14
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Anaesthesiology Paper1

Group Number :	1
Group Id :	3271871903
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Anaesthesiology Paper1

Section Id :	3271871906
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 :	3271871910
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718724623 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. Discuss in brief the relevant contributions of the following scientists in anaesthesia:

- Mallampati. [5]
- Archie Brain. [5]

Question Number : 2 Question Id : 32718724624 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Rotameters: Types, arrangement, floats used and safety features. [3+2+2+3]

Question Number : 3 Question Id : 32718724625 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) Difficult Bag Mask Ventilation. [5]
- b) Regulation of Coronary blood flow. [5]

Question Number : 4 Question Id : 32718724626 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) Define dyspnoea. Differentiate dyspnoea of cardiac and respiratory origin. [2+3]
- b) Enumerate various types of Laryngoscope blades/laryngoscopes available and describe the McCoy laryngoscope. [2+3]

Question Number : 5 Question Id : 32718724627 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) Oxygen Dissociation Curve. [3]
- b) Enumerate the factors that affect the oxygen dissociation curve. [4]
- c) What is transfusion trigger and its relevance with regard to oxygen delivery? [3]

Question Number : 6 Question Id : 32718724628 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) Sedation Score. [5]
- b) Management of PONV. [5]

Question Number : 7 Question Id : 32718724629 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) What is the principle of ultrasound? Enumerate the types of probes available with their respective indications. [2+4]

b) Enumerate perioperative uses of ultrasound. [4]

Question Number : 8 Question Id : 32718724630 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Define stress response to laryngoscopy and intubation, its clinical effects and various methods to attenuate it. [2+3+5]

Question Number : 9 Question Id : 32718724631 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) Alpha-2 adrenergic receptor agonists. [5]

b) Toxicity of amide group of local anaesthetics. [5]

Question Number : 10 Question Id : 32718724632 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 the epidural space and its contents. [5]

b) Write briefly with the help of diagrams about the flow volume loop in lung spirometry and discuss their interpretation. [5]