

National Board of Examinations

Question Paper Name :	DNB Anaesthesiology Paper1
Subject Name :	DNB Anaesthesiology Paper1
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Anaesthesiology Paper1

Group Number :	1
Group Id :	327187579
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 :	327187582
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 : 327187586

Question Shuffling Allowed : No

Is Section Default? : null

Question Number : 1 Question Id : 32718720052 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. a) What is hypoxic pulmonary vasoconstriction? What is the effect of anaesthesia on it? [2+3]
- b) Enumerate the interventions that can help prevent atelectasis during anaesthesia? [5]

Question Number : 2 Question Id : 32718720053 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 mechanism of action of local anaesthetics. [5]
- b) Effects of various additives to local anaesthetics. [5]

Question Number : 3 Question Id : 32718720054 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 concentrators. [5]
- b) Opiate receptors. [5]

Question Number : 4 Question Id : 32718720055 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) WTG Morton. [5]
- b) Train of four monitoring. [5]

Question Number : 5 Question Id : 32718720056 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 cardiovascular changes in a pregnant patient and its anaesthetic implications. [5]
- b) With the help of a diagram, describe the functional analysis of the 'bag valve mask' or self-inflating bag. [5]

Question Number : 6 Question Id : 32718720057 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 cerebral autoregulation? [5]
- b) Implications of inhalational agents on cerebral autoregulation. [5]

Question Number : 7 Question Id : 32718720058 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) Discuss the anaesthetic implications due to the anatomical variations in the neonatal airway. [5]
- b) What are the age related respiratory changes in a geriatric patient? [5]

Question Number : 8 Question Id : 32718720059 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) Randomized controlled trial. [5]
- b) ANOVA. [5]

Question Number : 9 Question Id : 32718720060 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 oxygen content of arterial blood? How do you calculate it? [2+3]
- b) What is peak expiratory flow rate (PEFR) and what is its significance? [2+3]

Question Number : 10 Question Id : 32718720061 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) Consent in Anaesthesia. [5]
- b) Desflurane vaporizer. [5]