

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Anaesthesiology Paper2
<b>Subject Name :</b>	DNB Anaesthesiology Paper2
<b>Creation Date :</b>	2022-06-25 17:20:08
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB Anaesthesiology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871066
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DNB Anaesthesiology Paper2

<b>Section Id :</b>	3271871069
<b>Section Number :</b>	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 :** 3271871073  
**Question Shuffling Allowed :** No

**Question Number : 1 Question Id : 3271879712 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) Discuss the intracerebral pressure regulation and the affect of anesthesia on it. [5]  
b) Discuss the prevention and treatment of post dural puncture headache. [5]

**Question Number : 2 Question Id : 3271879713 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Define anaemia, and enumerate the WHO classification of severity. [4]  
b) What is blood pressure, how to accurately measure it and enumerate types of hypertension? [1+2+3]

**Question Number : 3 Question Id : 3271879714 Question Type : SUBJECTIVE Consider As**

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

- a) What is autonomic neuropathy? Describe the tests to evaluate it. [5]
- b) Enumerate the causes, diagnosis and management of venous air embolism under anaesthesia. [5]

**Question Number : 4 Question Id : 3271879715 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

What is scoliosis? Discuss the preoperative evaluation and intraoperative management of 25-year-old patient posted for scoliosis correction. [2+(3+5)]

**Question Number : 5 Question Id : 3271879716 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Discuss the evaluation of the airway in a 56-year-old male with a huge thyroid swelling and hoarseness of voice. [5]
- b) What is the role of cholinesterases and their types? Enumerate the conditions where it is reduced. [(2+1)+2]

**Question Number : 6 Question Id : 3271879717 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) What is carbon monoxide poisoning? Enumerate the causes and principles of management. [1+(2+2)]
- b) Discuss the enhanced recovery after surgery (ERAS) protocol for adult patients undergoing colorectal surgery. [5]

**Question Number : 7 Question Id : 3271879718 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) What are the causes of postoperative nausea vomiting (PONV)? Mention the Apfel score. [4+1]

b) Discuss the methods of conserving heat loss in neonates perioperatively. [5]

**Question Number : 8 Question Id : 3271879719 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

a) Discuss the indications, drugs used and discharge criteria for conscious sedation. [2+2+1]

b) What are the planes of anaesthesia? Discuss identification, clinical significance and management of light plane of anaesthesia. [5]

**Question Number : 9 Question Id : 3271879720 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

a) Enumerate the various positions that are used for surgery. Describe the advantages and disadvantages of the prone position. [2+3]

b) A-35-year old adult female patient is undergoing laparoscopic cholecystectomy. After 30 minutes there occurs a fall in oxygen saturation with a rise in end tidal carbon dioxide. Discuss the possible causes and management. [5]

**Question Number : 10 Question Id : 3271879721 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

a) Enumerate carbon dioxide absorbents and their indicators used in close circuits. Discuss Amsorb. [(2+1)+2]

b) Discuss the types, uses and adverse effects of using hydroxyethyl starch. [1+2+2]