

# National Board of Examinations

<b>Question Paper Name :</b>	Diploma Anaesthesiology Paper1
<b>Subject Name :</b>	Diploma Anaesthesiology Paper1
<b>Creation Date :</b>	2023-12-16 12:38:10
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## Diploma Anaesthesiology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872634
<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>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## Diploma Anaesthesiology Paper1

<b>Section Id :</b>	3271872637
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872641
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718727044 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 oxygen hemoglobin dissociation curve with help of a labelled diagram. [6]
- b) Enumerate the factors that can shift the oxygen dissociation curve. [4]

**Question Number : 2 Question Id : 32718727045 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 nerve supply of the larynx with the help of a diagram. [5]
- b) How would you prepare the airway of an adult patient for awake intubation? [5]

**Question Number : 3 Question Id : 32718727046 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) Briefly discuss the principle of capnography. [3]
- b) Draw a labelled diagram of normal capnogram. [3]

c) Enumerate the common causes for intra-operative increase in the end-tidal CO<sub>2</sub>. [2+2]

**Question Number : 4 Question Id : 32718727047 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) Closing volume. [5]
- b) Anti hypoxia mechanisms in anesthesia machines. [5]

**Question Number : 5 Question Id : 32718727048 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) Briefly discuss the pathophysiological changes in obesity and their anesthetic implications. [6]
- b) What is STOP BANG Score? [4]

**Question Number : 6 Question Id : 32718727049 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) Hyperkalemia. [5]
- b) Metabolic acidosis. [5]

**Question Number : 7 Question Id : 32718727050 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 importance of statistical evaluation in research projects. [5]
- b) Discuss briefly about written informed consent. [5]

**Question Number : 8 Question Id : 32718727051 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) Local anaesthetic systemic toxicity (LAST). [5]
- b) Dual block. [5]

**Question Number : 9 Question Id : 32718727052 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) Briefly describe the current preoperative fasting guidelines. [5]
- b) Describe the ASA physical status classification. [5]

**Question Number : 10 Question Id : 32718727053 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Compare & Contrast:

- a) Sevoflurane and Desflurane. [5]
- b) Sugammadex and neostigmine. [5]