

# National Board of Examinations

**Question Paper Name :** Diploma Anaesthesiology Paper3  
**Subject Name :** Diploma Anaesthesiology Paper3  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718736775 Consider As Subjective : Yes**

**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) Outline ventilation strategies for ARDS. [5]
- b) Diagnosis & management of fat embolism. [5]

**Question Number : 2 Question Id : 32718736776 Consider As Subjective : Yes**

- a) Anaesthesiologists as a palliative care physician. [5]
- b) Limitations and hazards of providing anaesthesia in MRI suite. [5]

**Question Number : 3 Question Id : 32718736777 Consider As Subjective : Yes**

- a) Various methods used to optimize oxygenation during one lung ventilation. [5]
- b) Minimizing carbon footprint in anaesthesia practice. [5]

**Question Number : 4 Question Id : 32718736778 Consider As Subjective : Yes**

- a) Describe the perioperative management of an adult male undergoing laser excision of laryngeal papilloma. [5]
- b) What are the anaesthetic concerns in a pediatric patient with hydrocephalus posted for V-P shunt procedure? [5]

**Question Number : 5 Question Id : 32718736779 Consider As Subjective : Yes**

- a) Preanaesthetic evaluation of a thyrotoxic patient scheduled for thyroidectomy. [5]
- b) TURP syndrome and its management. [2+3]

**Question Number : 6 Question Id : 32718736780 Consider As Subjective : Yes**

- a) Define pain and enumerate elements of pain. [3+2]
- b) Visual Analogue Scale (VAS) and its interpretation. [2+3]

**Question Number : 7 Question Id : 32718736781 Consider As Subjective : Yes**

- a) What is supine hypotension syndrome and how is it managed during anesthesia? [2+3]
- b) Define the oculocardiac reflex and explain its neural pathway. [2+3]

**Question Number : 8 Question Id : 32718736782 Consider As Subjective : Yes**

- a) Sugammadex versus neostigmine for neuromuscular blockade reversal. [5]
- b) Advantages of enteral nutrition over parenteral nutrition in ICU patients. [5]

**Question Number : 9 Question Id : 32718736783 Consider As Subjective : Yes**

- a) Explain the principles of triage in a mass casualty incident. [5]
- b) Frailty and its anaesthetic importance. [5]

**Question Number : 10 Question Id : 32718736784 Consider As Subjective : Yes**

- a) Role of simulators in anaesthesia training and teaching. [5]
- b) Potential future implications of AI in anaesthesia and patient safety. [5]