

National Board of Examinations

Question Paper Name : Diploma Anaesthesiology Paper1
Subject Name : Diploma Anaesthesiology Paper1
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718747395 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. Describe and draw the oxygen haemoglobin dissociation curve. What is diffusion hypoxia and the second gas effect? [5+5]

Question Number : 2 Question Id : 32718747396 Consider As Subjective : Yes

What is the Link 25 proportioning system? What are the steps of checking the anesthesia machine before induction of anesthesia? [3+7]

Question Number : 3 Question Id : 32718747397 Consider As Subjective : Yes

- Propofol. [5]
- Sevoflurane. [5]

Question Number : 4 Question Id : 32718747398 Consider As Subjective : Yes

- Fentanyl. [5]
- Neostigmine. [5]

Question Number : 5 Question Id : 32718747399 Consider As Subjective : Yes

What is pre-oxygenation? Discuss the various techniques of pre-oxygenation during the induction of anaesthesia. [3+7]

Question Number : 6 Question Id : 32718747400 Consider As Subjective : Yes

Define and enumerate various causes of awareness under anesthesia. Describe the various methods to maintain adequate depth of anaesthesia during the intra-operative period. [3+7]

Question Number : 7 Question Id : 32718747401 Consider As Subjective : Yes

Describe the mechanism of body temperature regulation in adults. What are the complications of intra-operative hypothermia? Discuss the methods available to prevent intra-operative hypothermia. [3+2+5]

Question Number : 8 Question Id : 32718747402 Consider As Subjective : Yes

- a) Classification of supraglottic airway devices. Give examples of each. [5]
- b) What is the stress response of laryngoscopy during intubation? Discuss the various methods to obtund it. [2+3]

Question Number : 9 Question Id : 32718747403 Consider As Subjective : Yes

- a) Draw a labelled diagram of the brachial plexus. [4]
- b) Discuss the supraclavicular approach to brachial plexus block. Enumerate its complications. [4+2]

Question Number : 10 Question Id : 32718747404 Consider As Subjective : Yes

- a) Blinding in clinical trials. [5]
- b) Consent in children. [5]