

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 : 32718745656 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) Define difficult airway. Make a flow chart of difficult airway algorithm to explain the management of a "cannot ventilate, cannot intubate" situation after induction general anesthesia and muscle relaxation. [2+6]
b) Upper Lip Bite Test. [2]

Question Number : 2 Question Id : 32718745657 Consider As Subjective : Yes

- a) Chi square test, paired T test, triple blind study, p value. [2+2+2+1]
b) LAST. [3]

Question Number : 3 Question Id : 32718745658 Consider As Subjective : Yes

Enumerate risk factors, diagnosis and management of intraoperative fat embolism. [2+3+5]

Question Number : 4 Question Id : 32718745659 Consider As Subjective : Yes

- a) Principle of pulse oximeter. [3]
- b) Mention the factors affecting pulse oximetry under anesthesia. [3]
- c) Train of four monitoring. [4]

Question Number : 5 Question Id : 32718745660 Consider As Subjective : Yes

- a) What is the pressure and volume of a full oxygen and nitrous oxide cylinder attached to an anesthesia workstation? [2]
- b) What is pin index system? Write the pin number of any 4 gases. [2+1]
- c) Discuss the working principle of a variable bypass vaporizer. [5]

Question Number : 6 Question Id : 32718745661 Consider As Subjective : Yes

- a) Draw a well labelled diagram of the epidural space. Write briefly about any three methods for identifying the epidural space. [3+3]
- b) Epidural test dose. [4]

Question Number : 7 Question Id : 32718745662 Consider As Subjective : Yes

- a) Blood conservation strategies. [5]
- b) Complications of sitting position and lithotomy position in anaesthesia and its prevention. [5]

Question Number : 8 Question Id : 32718745663 Consider As Subjective : Yes

- a) Discuss the causes of rapid desaturation following apnea in a pediatric patient as compared to an adult. [5]
- b) Enumerate two methods for assessment of post-operative pain in the pediatric age group and write briefly about management of acute post-operative pain in a pediatric patient. [2+3]

Question Number : 9 Question Id : 32718745664 Consider As Subjective : Yes

- a) Write anaesthetic considerations of laparoscopic surgery. [6]
- b) Risk factors and management of post-operative nausea and vomiting. [2+2]

Question Number : 10 Question Id : 32718745665 Consider As Subjective : Yes

Indications, methods, complications and care of tracheostomy. [2+2+3+3]