

National Board of Examinations

Question Paper Name :	DNB Anaesthesiology Paper2
Subject Name :	DNB Anaesthesiology Paper2
Duration :	182
Total Marks :	100
Display Marks:	No
Maximum Instruction Time :	0
Is Section Default? :	No

Question Number : 1 Question Id : 32718744547 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 the physiology and mechanism of action of trans-nasal humidified rapid insufflation ventilatory exchange (THRIVE). Enumerate its uses. [(4+3)+3]

Question Number : 2 Question Id : 32718744548 Consider As Subjective : Yes

- What is the pathophysiology of haemorrhagic shock? [4]
- What are the risks of aggressive volume replacement during early resuscitation? [3]
- What are the advantages of regional anaesthesia for trauma? [3]

Question Number : 3 Question Id : 32718744549 Consider As Subjective : Yes

- a) What is anaesthetic triggering in malignant hyperthermia? What are the syndromes associated with malignant hyperthermia? [2+3]
- b) Summarise the acute management for malignant hyperthermia. [5]

Question Number : 4 Question Id : 32718744550 Consider As Subjective : Yes

- a) Post extubation respiratory distress. [5]
- b) Bronchial blockers. [5]

Question Number : 5 Question Id : 32718744551 Consider As Subjective : Yes

- a) Supine hypotension syndrome. [5]
- b) Hematological changes during pregnancy and its anesthetic implications. [5]

Question Number : 6 Question Id : 32718744552 Consider As Subjective : Yes

- a) Neurophysiologic monitoring in scoliosis. [5]
- b) Diastolic dysfunction and its anesthetic implications. [5]

Question Number : 7 Question Id : 32718744553 Consider As Subjective : Yes

Describe perioperative anaesthetic considerations and perioperative management for a three day old child scheduled for congenital diaphragmatic repair. [5+5]

Question Number : 8 Question Id : 32718744554 Consider As Subjective : Yes

- a) Spinal additives. [5]
- b) List the neurological complications of spinal anaesthesia. What are the factors which affect post dural puncture headache? [3+2]

Question Number : 9 Question Id : 32718744555 Consider As Subjective : Yes

Discuss the preoperative optimization, intraoperative and postoperative anesthetic management of a thirty-year-old patient scheduled for bariatric surgery. [3+4+3]

Question Number : 10 Question Id : 32718744556 Consider As Subjective : Yes

- a) What are the autonomic changes in spinal cord transection? [5]
- b) Perioperative and anaesthesia neurotoxicity in children. [5]