

# National Board of Examinations

**Question Paper Name :** DNB Anaesthesiology Paper4  
**Subject Name :** DNB Anaesthesiology Paper4  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718733324 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) What are the different methods to assess pain in a pediatric patient? [6]  
b) Describe any one score for post operative pain assessment in the pediatric patient. [4]

**Question Number : 2 Question Id : 32718733325 Consider As Subjective : Yes**

- a) Continuous renal replacement therapy. [5]  
b) Use of magnesium in anaesthesia and ICU. [5]

**Question Number : 3 Question Id : 32718733326 Consider As Subjective : Yes**

- a) Describe acute kidney injury and its assessment in the critical care unit. [5]  
b) Discuss the management of 50-year-old admitted in ICU with flail chest. [5]

**Question Number : 4 Question Id : 32718733327 Consider As Subjective : Yes**

- a) Role of simulators in anesthesia training. [5]  
b) Depth of analgesia monitoring. [5]

**Question Number : 5 Question Id : 32718733328 Consider As Subjective : Yes**

- a) Programmed intermittent epidural bolus technique. [5]
- b) Remimazolam. [5]

**Question Number : 6 Question Id : 32718733329 Consider As Subjective : Yes**

- a) What is ventilator associated pneumonia (VAP)? [2]
- b) How can it be prevented? [4]
- c) Discuss the management of VAP. [4]

**Question Number : 7 Question Id : 32718733330 Consider As Subjective : Yes**

- a) WHO ladder for cancer pain management. [5]
- b) qSOFA score. [5]

**Question Number : 8 Question Id : 32718733331 Consider As Subjective : Yes**

- a) What is EXIT procedure? [3]
- b) How would you manage anaesthesia for intrauterine fetal surgery? [7]

**Question Number : 9 Question Id : 32718733332 Consider As Subjective : Yes**

- a) Enumerate the causes of acute hepatic failure. [3]
- b) What are the principles of management of acute hepatic failure in the ICU? [7]

**Question Number : 10 Question Id : 32718733333 Consider As Subjective : Yes**

- a) What is complex regional pain syndrome? [5]
- b) Discuss the treatment of complex regional pain syndrome. [5]