

# National Board of Examinations

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| <b>Question Paper Name :</b>                   | DNB Anaesthesiology Paper3 |
| <b>Subject Name :</b>                          | DNB Anaesthesiology Paper3 |
| <b>Creation Date :</b>                         | 2024-10-19 17:56:28        |
| <b>Duration :</b>                              | 180                        |
| <b>Total Marks :</b>                           | 100                        |
| <b>Display Marks:</b>                          | No                         |
| <b>Share Answer Key With Delivery Engine :</b> | No                         |
| <b>Actual Answer Key :</b>                     | No                         |

## DNB Anaesthesiology Paper3

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|---------------------------------|------------|
| <b>Group Number :</b>           | 1          |
| <b>Group Id :</b>               | 3271872698 |
| <b>Group Maximum Duration :</b> | 0          |
| <b>Group Minimum Duration :</b> | 180        |
| <b>Show Attended Group? :</b>   | No         |
| <b>Edit Attended Group? :</b>   | No         |
| <b>Break time :</b>             | 0          |
| <b>Group Marks :</b>            | 100        |

## DNB Anaesthesiology Paper3

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| <b>Section Id :</b>                          | 3271872701 |
| <b>Section Number :</b>                      | 1          |
| <b>Section type :</b>                        | Offline    |
| <b>Mandatory or Optional :</b>               | Mandatory  |
| <b>Number of Questions :</b>                 | 10         |
| <b>Number of Questions to be attempted :</b> | 10         |
| <b>Section Marks :</b>                       | 100        |
| <b>Maximum Instruction Time :</b>            | 0          |
| <b>Sub-Section Number :</b>                  | 1          |
| <b>Sub-Section Id :</b>                      | 3271872705 |
| <b>Question Shuffling Allowed :</b>          | No         |

**Question Number : 1 Question Id : 32718728264 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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. Discuss the assessment, optimisation and anaesthetic management of a two-day-old neonate for primary tracheoesophageal fistula repair. [3+2+5]

**Question Number : 2 Question Id : 32718728265 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

How are implantable cardiac pacemakers and implantable cardioverter defibrillators classified? What information should be sought relating to these devices preoperatively? What precautions should you take perioperatively when anaesthetising patients with these devices? [4+3+3]

**Question Number : 3 Question Id : 32718728266 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 65-year-old male patient is posted for total hip replacement. He has a known case of coronary artery disease (CAD) and underwent PTCA one year back, and a drug-eluting stent was placed. He was a known hypertensive and presently receiving oral aspirin, clopidogrel, atenolol and losartan as drug therapy. Discuss the preoperative assessment and anaesthetic plan for this patient. [5+5]

**Question Number : 4 Question Id : 32718728267 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A female patient aged 32 years, with five months of amenorrhea, suffered from Koch's mid-dorsal spine and developed paraplegia. She is scheduled for anterolateral decompression surgery. Discuss preoperative preparation, anaesthetic management and postoperative care. [3+4+3]

**Question Number : 5 Question Id : 32718728268 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 22-year-old female pregnant patient presented to the labour room in emergency with abdominal pain. She was diagnosed with PIH and was receiving treatment in her follow-up in the ANC clinic. On examination, the obstetrician diagnosed her as having fetal distress and planned for an emergency cesarean section. Discuss the perioperative plan for the patient, including assessment, anaesthesia and analgesia. [3+4+3]

**Question Number : 6 Question Id : 32718728269 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes**

**Correct Marks : 10**

A 35-year-old male is diagnosed with carcinoma lung. Her PFT reveals FEV1 of 78% of predicted with FVC of 65% of predicted. He has been a chronic smoker for the last 20 years. He is posted for VATS lobectomy. How will you assess and optimise the patient? Discuss the anaesthetic plan. [(3+3)+4]

**Question Number : 7 Question Id : 32718728270 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 65-year-old male patient has been posted for cataract surgery. He is a known case of COPD and diabetes mellitus(Type -2) for past 10 years and is on treatment for both i.e. metformin, rosiglitazone, inhalers of bronchodilator and steroids. Discuss the preoperative assessment and anaesthetic plan for this patient. [4+6]

**Question Number : 8 Question Id : 32718728271 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Discuss the causes, signs and symptoms and management of inadequate reversal of neuromuscular blockade during general anaesthesia in an adult patient. [3+2+5]

**Question Number : 9 Question Id : 32718728272 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 22-year-old female pregnant patient presented to the hospital for an ANC check-up. She wanted to have labour analgesia. Discuss the various plans for providing labour analgesia. [10]

**Question Number : 10 Question Id : 32718728273 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Describe the anaesthetic considerations for a patient undergoing robot-assisted radical prostatectomy. [10]