

NOVEMBER - 2018

**BLDE (DEEMED TO BE UNIVERSITY)  
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max.Marks: 100]

**MD IN ANESTHESIOLOGY – PAPER - I**

**QP CODE: 5053**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss anatomy of Vertebral column in relation to Subarachnoid block. What are factors controlling the level of spinal anaesthesia and enumerate in detail complications of spinal anaesthesia.
2. Discuss biotransformation of inhalational anaesthetic agents.

**Short Essay**

**(6x10=60 Marks)**

3. Recurrent laryngeal nerve
4. Thyroid function tests
5. Anaesthesia for Liver transplant
6. Anaesthesia Records.
7. WTG Mortan
8. d-Tubocurarine

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**MD IN ANESTHESIOLOGY – PAPER - II**

**QP CODE: 5054**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss preoperative evaluation and anaesthetic management of a 2 day old child with congenital diaphragmatic hernia, scheduled for laparotomy and repair.
2. Describe pulmonary function tests. How does it affect course of anaesthesia?

**Short Essay**

**(6x10=60 Marks)**

3. Interscalene brachial plexus block
4. Obstructive sleep apnoea
5. Oxygen therapy
6. Pace maker
7. PDPH
8. Glycosylated Hemoglobin

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**MD IN ANESTHESIOLOGY – PAPER - III**

**QP CODE: 5055**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. What are the manifestations of congenital cyanotic heart disease? Briefly discuss principles of anaesthetic management of tetralogy of Fallots'.
2. Describe anaesthetic management of a 54 year old known diabetic patient with ketoacidosis posted for above knee amputation of left leg.

**Short Essay**

**(6x10=60 Marks)**

3. Massive blood transfusion
4. HELLP Syndrome
5. Hypothermia
6. Bone cement syndrome
7. Anaesthesia Consent
8. Total intravenous anaesthesia (TIVA)

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**MD IN ANESTHESIOLOGY – PAPER - IV**

**QP CODE: 5056**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Describe Gate control Theory of Pain. Describe various pain pathways. Discuss the causes and treatment of chronic pain.
2. Describe the embryology, development, functions of Thyroid gland. Discuss management of patient with Hypothyroidism posted for # both bones of forearm.

**Short Essay**

**(6x10=60 Marks)**

3. Hypoxic hypoxia
4. Ambu Bag
5. Arrhythmias and Anaesthesia
6. Burnoly's throm and its applications
7. Differences between Depolarizing and non-depolarizing block
8. Open Ether anaesthesia