

July - 2023

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

[Time: 3 Hours]

[Max. Marks: 100]

**MD ANAESTHESIOLOGY – 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. With the help of a diagram, describe the formation of the brachial plexus . Describe one method of performing brachial plexus block.
2. Classify breathing system . Discuss the conduct of low-flow anaesthesia.

**Short Essay**

**(6x10=60 Marks)**

3. Mixed venous oxygen tension
4. Diffusion -hypoxia
5. Magnesium and Anaesthesia
6. Oculo-cardiac reflex
7. John Sials Lundy
8. Soda lime

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**MD ANAESTHESIOLOGY – 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. Describe in detail about Epidural Analgesia for Painless Labour. Mention about recent advances in Labour Analgesia.
2. Describe the Etiology, Pathogenesis and Management of Pulmonary Oedema.

**Short Essay**

**(6x10=60 Marks)**

3. Discuss the causes and management of Intra operative Hypertension.
4. Anaesthetic implications of Scoliosis surgery.
5. Management of Head injury patient in the critical care unit
6. Peribulbar and Retrobulbar blocks.
7. Discuss Neurological and Ophthalmic complications of Anaesthesia.
8. Electrocautery and Pacemaker

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**MD ANAESTHESIOLOGY – PAPER - III  
QP CODE: 5055**

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Write Question No. in left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. A 58 years male with uncontrolled diabetes admitted for umbilical hernia repair. Discuss perioperative anaesthesia consideration and management.
2. Discuss perioperative anaesthesia management of 8 years child with temporomandibular joint ankylosis posted for corrective surgery.

**Short Essay**

**(6x10=60 Marks)**

3. Anaesthesia for foreign body in bronchus.
4. Pathophysiology of pneumoperitoneum.
5. Anaesthesia consideration for hemithyroidectomy in a patient with toxic nodule.
6. Massive blood transfusion.
7. Bier's block.
8. Describe coagulation cascade.

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**MD ANAESTHESIOLOGY – 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. What are the ABCDEs of trauma .Discuss about the evaluation of each component. What are the considerations during the secondary survey of a trauma patient .
2. Discuss the various approaches to management of acute postoperative pain .Write a note on patient controlled Analgesia (PCA).

**Short Essay**

**(6x10=60 Marks)**

3. Arterial cannulation and invasive blood pressure monitoring
4. Venous thromboembolism and it's prevention in critically ill patients
5. Weaning from the ventilator in the ICU
6. Anion gap
7. Management of status Asthmaticus
8. Vasopressors.