

BLDE UNIVERSITY
POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MD 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.

LONG ESSAY

(2X20=40 Marks)

1. Describe the anatomy of Neuromuscular Junction. Describe the various methods of monitoring neuromuscular blockade.
2. Define Conscious Sedation. Describe various drugs used for conscious sedation in various surgeries.

SHORT ESSAY

(6X10=60 Marks)

3. Third Space Loss and its importance to anaesthesiologists.
4. Anaphylactic reaction on the operation table.
5. Bier's Block.
6. End Tidal CO₂ (Et CO₂).
7. Remifentanyl.
8. I. J. Dundee.

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[Time : 3 Hours]

[Max.Marks : 100]

MD 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.

LONG ESSAY

(2X20=40 Marks)

1. Discuss the preoperative preparation and anaesthetic management of a 65 years old chronic smoker for emergency laparotomy
2. What are the factors affecting cerebral blood flow. Discuss effect of various anaesthetics on CBF.

SHORT ESSAY

(6X10=60 Marks)

3. Goldman's cardiac Index.
4. Mendelson's syndrome.
5. Anaesthetic precaution in open eye surgery.
6. APGAR Scoring system.
7. Cardioplegia.
8. Use of Heparin in Orthopedics.

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[Time : 3 Hours]

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MD ANESTHESIOLOGY – PAPER -III

QP CODE : 5055

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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LONG ESSAY

(2X20=40 Marks)

1. Discuss the anaesthetic management of uncontrolled diabetes patient coming for emergency laparotomy.
2. How do you evaluate and manage a 70 years male with BPH scheduled for TURP.

SHORT ESSAY

(6X10=60 Marks)

3. Brain death.
4. Pheochromocytoma.
5. Oculo Cardiac reflex.
6. Bleeding tonsil.
7. Halothane Hepatitis.
8. Caudal anaesthesia.

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[Time : 3 Hours]

[Max.Marks : 100]

MD ANESTHESIOLOGY – PAPER -IV

QP CODE : 5056

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Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

LONG ESSAY

(2X20=40 Marks)

1. Discuss the problems arising and anaesthetic management in radio-diagnosis.
2. Describe malignant hyperthermia and discuss peri-operative diagnosis and guidelines of management.

SHORT ESSAY

(6X10=60 Marks)

3. Risk factors for venous thrombo-embolism and current methods of prevention.
4. Systemic Inflammatory Response Syndrome (SIRS).
5. Plasma Expanders.
6. Patient Controlled Analgesia.
7. Significance of Trans-oesophageal echo-cardiography in anaesthesia.
8. Therapeutic uses of Magnesium Sulfate.