

Oct - 2019
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BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION

[Time : 3 Hours]

[Max.Marks : 100]

MD ANAESTHESIA – 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. Describe anatomy of neuromuscular junction. Classify the various muscle relaxants used in anaesthesia. And enumerate the causes of delayed recovery from neuromuscular blocking agents.
2. What is central venous pressure? What are the different approaches of central vein cannulation? Describe merits and demerits of each approach.

Short Essay

(6x10=60 Marks)

3. Oxygen dissociation curve.
4. Supraglottic airway devices.
5. Stellate ganglion block.
6. Hagen-Poiseuille equation.
- 7 Aorto-Caval compressions.
8. August Bier.

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[Time : 3 Hours]

[Max.Marks : 100]

**MD ANAESTHESIA – 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. How will you evaluate and anesthetize the patient with abruption placenta posted for emergency cesarean section?
2. A 60 years female is to be posted for total Hip replacement. Discuss in detail anesthesia concern in this patient and describe perioperative anesthesia management for Total Hip replacement.

Short Essay

(6x10=60 Marks)

3. Blood conservation strategies
4. Nasopharyngeal Airway
5. Postdural puncture headache
6. Latex allergy
7. Pacemakers and anaesthesia
8. Hypercarbia under anaesthesia

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**MD ANAESTHESIA – PAPER – III
QP CODE: 5055**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

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Write Question No. in left side of margin.

Long Essay

(2x20=40 Marks)

1. Discuss evaluation and perioperative anaesthesia management of a 45 year old patient with liver cirrhosis with acute on chronic esophageal variceal bleeding posted for surgical repair.
2. What is end-stage renal disease? Discuss the anaesthetic implications and perioperative management of a 40-year old male patient (recipient) posted for renal transplant surgery.

Short Essay

(6x10=60 Marks)

3. Metabolic acidosis.
4. Local anesthetic toxicity.
5. Transtracheal jet ventilation.
6. Anesthesia for microlaryngeal surgery.
7. Anesthesia for Fasciomaxillary Trauma.
8. Anesthesia for Electro convulsive therapy.

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**MD ANAESTHESIA – 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. Explain the term adult respiratory distress syndrome (ARDS). Discuss the etiology, presentation, diagnosis and management of ARDS.
2. What are the various routes of administration of morphine? Describe the mechanism(s) by which epidural / intrathecally administered opioids produce analgesia and other effects in a surgical patient.

Short Essay

(6x10=60 Marks)

3. Outline American Society of Anesthesiologists (ASA) difficult airway algorithm.
4. Clinical diagnosis and Management acute anaphylactic reaction.
5. Occupational hazards to anesthesiologists
6. Classify Antiarrhythmic. Write a note on amiodarone.
7. Role of sedation and muscle paralysis in intensive care unit patients.
8. Fentanyl skin patch.