

April-2022

**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. Describe the principles of external defibrillator and its clinical uses .How is it different from automated external defibrillator.
2. Discuss the epidemiology and pathophysiology of anathylaxis in anaesthesia practice. Describe the methods of identification, prevention and treatment.

**Short Essay**

**(6x10=60 Marks)**

3. Gas plasma Sterilization
4. Double lumen ET tubes
5. Uses and problems of anaesthetic data management system
6. James young simpson
7. Isoproterenol
8. Functional analysis of Bain circuit.

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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. What are the special Anaesthetic considerations for Posterior Cranial Fossa surgery? Discuss the merits and demerits of sitting position for surgery?
2. Describe the Oxygen carriage in the blood and Oxyhaemoglobin dissociation curve. Discuss the factors affecting the Oxyhaemoglobin relationship.

**Short Essay**

**(6x10=60 Marks)**

3. Complications following Open heart surgery.
4. Discuss failed intubation drill in Obstetrics.
5. Anaesthesia for Extra Ocular Surgery.
6. What is Cardiac risk? How do you evaluate and what are the anaesthetic implications.
7. Laparoscopic tubal ligation – problems and anaesthetic management.
8. Reflex sympathetic dystrophy.

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**MD ANAESTHESIOLOGY – 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 blood transfusion reaction. How will you manage a case of mismatch blood transfusion.
2. Discuss the perioperative anaesthesia consideration, preoperative preparation and anaesthesia management of a case of obstructive jaundice with conjugated bilirubin 6mg% posted for bile duct exploration.

**Short Essay**

**(6x10=60 Marks)**

3. Perioperative anaesthesia consideration in pheochromocytoma.
4. Shivering after anaesthesia. Discuss its implications, prevention and management.
5. Discuss the perioperative management in obese patient posted for gastric binding.
6. Current role of factor VII.
7. Anaesthesia consideration in patient with chronic renal failure.
8. Management of anticipated difficult airway.

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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. Define shock and name the main causes of shock .write in detail about evaluation and management of hypovolemic shock
2. What is ex utero intrapartum therapy ( EXIT procedure) Describe maternal and fetal anaesthesia for EXIT procedure

**Short Essay**

**(6x10=60 Marks)**

3. Serum lactate
4. Primary survey in trauma
5. Postural drainage
6. Patient ventilator asynchrony and management
7. Trigeminal neuralgia and it's management
8. Colloids