

QP Code:103101

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Anaesthesiology
(M.D) November 2025**

Paper III – Clinical Anaesthesia in Relation to Sub Specialities

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. A 55-year-old male with bronchiectasis of left lower lobe is scheduled for left lower lobectomy in lateral position. Mention your choice of device for lung isolation and why. Discuss the technical detail of the clinical conduct of OLV including monitoring and optimisation of gas exchange. (5+10+5)

Short essays:

(8x10=80)

2. Discuss about hepato renal syndrome.
3. Describe the clinical features of hypothyroidism. Discuss the anaesthetic consideration in a hypothyroid patient.
4. Discuss the anaesthesia for Electro Convulsive Therapy (ECT). What are the problems faced by anaesthesiologist.
5. What are the indications of hypotensive anaesthesia. Explain in detail about methods used for hypotensive anaesthesia.
6. Discuss anaesthesia in Magnetic Resonance Imaging suite.
7. Discuss the various methods of providing postoperative pain relief. What do you understand from the term pre-emptive analgesia.
8. Discuss the pathophysiology of malignant hyperthermia and its management. (5+5)
9. Describe the preoperative evaluation, preparation and anaesthetic management of a 1-day old neonate with tracheo-oesophageal fistula for repair.
