

QP Code: 102101

Reg. No.:.....

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

Paper II – Clinical Anaesthesia in Relation to Basic 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. Discuss the preoperative investigation, preparation and anesthetic management of a 50 year old diabetic patient presenting for exploratory laparotomy. (5+5+10)

Short essays: (8x10=80)

2. How will you diagnose anaphylaxis under general anaesthesia. Discuss its management.
3. Compare
 - a) Sevoflurane and Desflurane
 - b) Clonidine and Dexmedetomidine (5+5)
4. Discuss briefly the preoperative evaluation and anesthetic management of a 50 year old patient who had acute MI three months ago, and is scheduled for obstructed inguinal hernia repair.
5. Discuss in brief the factors affecting post-operative nausea vomiting (PONV). Explain the various drugs used for prevention and management of PONV.
6. What are the various routes of administration of opioids. Discuss the merits and demerits.
7. What are the physiological changes in pregnancy. Write about supine hypotension syndrome.
8. Discuss the anaesthetic management of an elderly patient with fracture neck of femur.
9. Perioperative management of a 50 year old patient in diabetic keto acidosis posted for below knee amputation.
