

**QP Code:103101**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Anaesthesiology (M.D)  
July 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. Discuss the preoperative evaluation, preparation and perioperative management of a 40-year-old male with phaeochromocytoma. (5+5+10)

**Short essays: (8x10=80)**

2. Describe the management in detail of an 8-year-old child with post-tonsillectomy bleeding posted for exploration.
3. What are the common types of Anaemias. Discuss the anaesthetic management of patient with sickle cell crisis, posted for surgery with "acute abdomen".
4. Discuss the pathophysiology of Malignant hyperthermia. How will you manage such a case.
5. Describe Liver function test with interpretation for diagnosis of hepatobiliary disorders. Discuss anaesthetic goals in a patient with obstructive jaundice.
6. Discuss the pathophysiology, methods of detection, prevention and treatment of Venous Air Embolism.
7. What are the Blood conservative strategies. Enumerate advantages and disadvantages of each.
8. Explain
  - a) Propofol infusion syndrome
  - b) HELLP Syndrome. (5+5)
9. NORA.

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