

QP Code: 101101

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Anaesthesiology
(MD) May 2022**

Paper I – History, Basic Sciences & Equipments

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. Describe anatomy of brachial plexus, the procedure of performing inter scalene block, its complications and management

Short essays:

(8x10=80)

2. Write Sir Ivan Magill's contributions to anesthesia
3. Classify breathing circuits. Briefly describe Bains Circuit
4. Discuss the use of Ultra Sound in various areas in anesthesia
5. Enumerate gas laws, discuss their applications in anesthesia
6. Enumerate the factors affecting the uptake and distribution of volatile anesthetic agent
7. Mention the differences between clonidine and dexamedetomidine
8. Trans esophageal echocardiogram
9. Describe the role of Capnography during anesthesia.
