

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
SECOND YEAR**

PAPER III – PRINCIPLES OF ANAESTHESIA - I

Q.P. Code: 801113

Time : Three Hours

Maximum : 100 Marks

Answer All Questions.

I. Elaborate on:

(3 x 10 = 30)

1. Classify induction agents. Discuss in detail about any 2 induction agents.
2. Discuss about Non-invasive and invasive monitoring in the operation theatre.
3. Describe in detail about Safety systems in Anaesthesia machine and Medical gas supply.

II. Write notes on:

(8 x 5 = 40)

1. Mapleson's Circuit.
2. Balanced Anaesthesia.
3. Laryngeal Mask Airway (LMA).
4. Capnography (ETCO₂).
5. Liver Function test.
6. Oxygen Therapy.
7. Reversal Agents.
8. World Anaesthesia Day.

III. Short Answers on:

(10 x 3 = 30)

1. Complications of spinal anaesthesia.
2. Methods of humidification.
3. NPO guidelines.
4. Pulse Oxymetry.
5. Premedication.
6. Post operative nausea and vomiting.
7. Horace wells.
8. Emergency Drugs.
9. ASA grading.
10. Different types of Laryngoscopes.
