

[LJ 0816]

AUGUST 2016

Sub. Code: 1113

**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. Preparation, positioning and assisting for Central Venous Cannulation.
2. Endotracheal tubes and airways.
3. Multiparameter monitoring – ECG, SpO₂, NIBP, Temperature and their importance during anaesthesia.

II. Write notes on:

(8 x 5 = 40)

1. Oxygen cylinder.
2. ASA grading.
3. Safety systems in anaesthesia machine.
4. Types of laryngoscopes.
5. AMBU.
6. Managing vomiting in the recovery room.
7. Antihypoxic flowmeters.
8. Spinal needles.

III. Short Answers on:

(10 x 3 = 30)

1. Invasive monitoring.
2. Intravenous anaesthetic agents.
3. Preoxygenation.
4. Mention liver function tests.
5. Drugs required to maintain anaesthesia.
6. Ventimask.
7. Types of Endotracheal tube cuffs.
8. Pressure gauge.
9. Bains circuit.
10. Things required for IV access.
