

**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. Manifold room and medical gas supply.
2. Jackson Rees breathing system and Bains's circuit.
3. Invasive monitors (CVP, Arterial line, PA pressure, LA pressure) during anaesthesia.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Postoperative management of nausea and vomiting.
2. LMA.
3. Intra venous anaesthesia.
4. Non-rebreathing valve.
5. Informed consent.
6. Flow meter assembly.
7. NPO guidelines.
8. Pre medication drugs.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Capnography.
2. Laryngoscope.
3. Magills forceps.
4. Propofol.
5. Adrenaline injection.
6. Lignocaine.
7. Glycopyrrolate.
8. Blood transfusion checklist.
9. Hypoxia.
10. Oxygen cylinder.

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