

**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. Circle system components.
2. Pre-operative assessment clinic and methods.
3. Non invasive monitoring during anaesthesia.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Pin index.
2. Safety features in a vaporizer.
3. Reversal agents.
4. John Snow.
5. Types of laryngoscopes.
6. Lignocaine.
7. Post operative nausea and vomiting management.
8. Spinal needles.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Ambu bag.
2. ECG.
3. Bain's circuit.
4. Sodalime.
5. Fentanyl.
6. Flow meter assembly.
7. Pressure regulator.
8. Sevoflurane.
9. Glycopyrolate.
10. Oxygen face mask.

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