

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY  
THIRD YEAR  
PAPER II – PRINCIPLES OF ANAESTHESIA - II**

*Q.P. Code: 801122*

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer All Questions.**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Discuss in detail the oxygen transport and oxygen therapy.
2. Discuss in detail the preoperative assessment, premedication and monitoring the patient in recovery room.
3. How would you prepare an operating room for emergency caesarean section in foetal distress?

**II. Write notes on:**

**(8 x 5 = 40)**

1. Soda lime indicators.
2. Invasive monitoring.
3. Post tonsillectomy bleed.
4. Cardiopulmonary bypass.
5. Epidural Anaesthesia.
6. Total intravenous anaesthesia (TIVA).
7. Intubating Laryngeal Mask Airway.
8. Recent Guidelines in advanced cardiac life support.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Atropine Vs Glycopyrrolate.
2. Day Care Anaesthesia.
3. Pin Index Safety system.
4. EMLA cream.
5. Horace wells.
6. Adrenaline.
7. Jackson Ree's circuit.
8. Plasma components.
9. Precautions to prevent fire in operating room.
10. Pulse oximetry.

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