

**DIPLOMA IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY  
SECOND YEAR**

**PAPER III – PRINCIPLES OF ANESTHESIA**

*Q.P. Code: 841113*

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer All questions.**

**I. Elaborate on:** **(3 x 10 = 30)**

1. How endotracheal intubation is performed, what are the methods of confirmation of endotracheal tube placement?
2. How will you check Anesthesia machine, write in detail about safety features in Anesthesia machine?
3. Describe in detail about circle absorption system.

**II. Write notes on:** **(10 x 5 = 50)**

1. Various preparation of lignocaine and its uses.
2. Basic life support.
3. Preoperative fasting guidelines.
4. Ketamine.
5. Invasive monitoring.
6. Precautions to be taken in lithotomy position.
7. ASA grading.
8. Complications of blood transfusion.
9. LMA.
10. Various oxygen delivery devices.

**III. Short answers on:** **(10 x 2 = 20)**

1. Uses of adrenaline.
2. Name any two anti-anxiety drugs.
3. Types of blood group.
4. I.V. cannulation preparation.
5. PIN index of air and oxygen.
6. Colour coding of cylinders.
7. Reservoir bag and its uses.
8. RAE.
9. AMBU.
10. Analgesics used in postoperative room.

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