

**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. What is breathing system and classification of Mapleson's system?
2. Types of Endo tracheal tubes and describe the parts of Endo tracheal tube.
3. What are the various intra operative monitors available? Write a brief description on them.

II. Write notes on:

(10 x 5 = 50)

1. Methods of humidification.
2. Circle system.
3. Oxygen cylinder and its pin index.
4. Flow meter.
5. Pressure regulator.
6. Pulse oximeter.
7. Ambu bag.
8. Central venous pressure.
9. Intra operative temperature monitoring.
10. Mackintosh laryngoscope.

III. Short answers on:

(10 x 2 = 20)

1. Soda lime.
2. Sevoflurane.
3. Colour coding for oxygen and nitrous oxide cylinders.
4. APL valve.
5. Name the types of blood pressure monitors.
6. Nitrous oxide pin index system.
7. Miller blade.
8. Anatomical face mask.
9. What is Guedel airway?
10. Name any two glucose containing IV fluids.
