

**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. Classify local anesthetics. Explain in detail about amide group of local anesthetics.
2. How will you check the boyles machine? Write briefly about safety features of anesthesia machine.
3. Classify inhalational anesthetic agents. Discuss in detail about sevoflurane.

II. Write notes on:

(10 x 5 = 50)

1. ACLS.
2. Suxamethonium.
3. Etomidate.
4. Various oxygen delivery devices.
5. Complications of subarachnoid block.
6. Biomedical dustbin-various colours.
7. Bains circuit.
8. Smoking and anesthesia.
9. LMA.
10. Deadspace.

III. Write short answers on:

(10 x 2 = 20)

1. Contraindications of subarachnoid block.
2. Ambu bag.
3. Name 2 opioids used in cardiac patient.
4. Drugs that reduce shivering.
5. Calculation of ET tube size in pediatric patients.
6. Spinal needle colours and gauge size.
7. Diaphragm.
8. Name three colloids and its uses.
9. Uses of Adrenaline.
10. Name two Antiemetics.
