

[LD 0212]

AUGUST 2013

Sub. Code: 1113

B.SC. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY

SECOND YEAR

PAPER III – PRINCIPLE OF ANAESTHESIA - I

Q.P. Code: 801113

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Aims and Objectives of Premedication.
2. Enumerate the Mapleson breathing circuits with one comment on each.
3. Classify local anaesthetics based on chemical structure & enumerate any 3 of each group.

II. Write notes on:

(8 x 5 = 40)

1. John Snow.
2. Basic monitoring in operation theatre.
3. ASA Physical status classification
4. Facemask.
5. Enumerate complications of spinal anaesthesia
6. Sterilisation of anaesthesia equipments.
7. Methods to preserve humidity (any 2)
8. Signs of adequate reversal.

III. Short Answers on:

(10 x 3 = 30)

1. Indications of Central venous pressure monitoring (any3)
2. Parts of a Laryngoscope.
3. Basic life support.
4. Uses of Atropine.
5. Any 3 precautions to prevent fire in operating room.
6. Any 3 crystalloid solutions used in operating room.
7. Care of tracheostomy.
8. Treatment of anaphylactic reaction.
9. Mention three routine investigations.
10. Importance of oxygen saturation in general anaesthesia.
