

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0424]

APRIL 2024

Sub. Code: 1142

**B.Sc. OPERATION THEATRE & ANAESTHESIA TECHNOLOGY**

**THIRD YEAR – (Regulation 2018-2019 onwards)**

**PAPER II – PRINCIPLES OF ANAESTHESIA - II**

*Q.P. Code: 801142*

**Time: Three Hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Define Epidural anaesthesia. How will you prepare the Epidural tray and describe the techniques of Epidural anaesthesia in detail.
2. How will you arrange emergency airway cart and equipments in operating room?
3. Anaesthesia for Electro Convulsive Therapy (ECT).

**II. Write notes on:**

**(8 x 5 = 40)**

1. BLS – Basic Life Support.
2. Resuscitation of New born.
3. Noninvasive blood pressure monitoring.
4. Day care anaesthesia.
5. Glasgow Coma Scale.
6. Preoperative preparation for Thoracic anaesthesia.
7. NIV – Non Invasive Ventilation.
8. Chest tube management.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. List any three problems faced while extubating a child after paediatric anaesthesia.
2. Define Air embolism.
3. Differentiate Regional and General Anaesthesia.
4. Specify any three precautions to be taken when inducing anaesthesia for cardiac patient.
5. Define Vitallograph.
6. List any three vascular complications of post anaesthesia.
7. Define Rapid Sequence Induction.
8. Mention any three pharmacokinetic changes in the geriatrics related to anaesthesia.
9. Name the types of anaesthesia that can be given for mastoidectomy.
10. Define Mean arterial pressure.

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