

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 1142

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

**THIRD YEAR – (Regulations 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. Describe in detail about the physiology of Neuromuscular junction and pharmacology of Muscle Relaxants. Add a note on Succinyl Choline.
2. Describe in detail about the Physiological changes in Pregnancy and its Anaesthetic concerns.
3. How will you check the Anaesthesia machine before Surgery? Discuss the safety features in Anaesthesia machine.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Anaesthesia in Bronchoscopy and Oesophagoscopy.
2. Complications in Spinal Anaesthesia.
3. Write a note on special features, advantages, disadvantages of daycare Anaesthesia.
4. Laryngospasm.
5. Post-Operative nausea and vomiting.
6. Pulmonary function test.
7. Short note on Cardiopulmonary bypass and its weaning.
8. Ambu Bag.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. APGAR Score.
2. Regional vs General Anaesthesia in OBG.
3. Additives used in Spinal Anaesthesia.
4. Post operative Headache.
5. Guedell's airway.
6. Diseases of aging.
7. Goals of premedication.
8. Ringer lactate.
9. Resuscitation in trauma and Shock.
10. Complications of Laparoscopy.

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