

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

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 2042

**M.D. DEGREE EXAMINATION
BRANCH X – ANAESTHESIOLOGY**

**PAPER IV – ANAESTHESIOLOGY INCLUDING CRITICAL CARE AND
RECENT ADVANCES IN ANAESTHESIOLOGY**

Q.P. Code: 202042

Time : Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Automation in the Delivery of Anaesthetics.
2. Brain Death – Pathogenesis and Management of the Brain Dead patient until organ retrieval.

II. Write notes on:

(10 x 7 = 70)

1. Hybrid Operating Room and Procedures.
2. Artefacts in Ultrasonogram.
3. Paediatric Cardiac Arrest during Anaesthesia.
4. Transjugular Intra Hepatic Portosystemic Shunt.
5. Post Anaesthesia Care Unit.
6. Anaesthesia for Electro physiology and Cardiac Catheterization procedures.
7. Acute Mountain Sickness.
8. General and Regional Anaesthesia in Space.
9. Remimazolam.
10. General approach to a bleeding trauma patient.
