

THE TAMIL NADU M.G.R. MEDICAL UNIVERSITY

[AHS 1022]

OCTOBER 2022

Sub. Code: 1712

**M.Sc. CRITICAL CARE TECHNOLOGY
SECOND YEAR (From 2017-2018 onwards)
PAPER II - GENERAL CRITICAL CARE INCLUDING BASIC
STATISTICS**

Q.P.Code:281712

Time: Three hours Answer ALL Questions Maximum: 100 Marks

I. Elaborate notes on: (2 x 20 = 40)

1. Define Medico Legal Case. Name the different Types of Medico Legal Cases. Write notes on the records and Documents related to Medico Legal Cases.
2. Describe the types of epidemiological designs in detail. Write the advantage and disadvantage of each study design.

II. Elaborate notes on: (10 x 6 = 60)

1. Pilot study.
2. Define Negligence. List the types of Negligence. Write in detail on Contributory Negligence.
3. Confidentiality of Medical Records and Privileged Communication.
4. Informed Consent and waiver of informed consent.
5. Non-parametric tests.
6. Bias.
7. Discuss Ohm's law and Kirchhoff's law.
8. What is range, standard deviation and normal distribution?
9. Validity and Reliability of Instrument.
10. Ethics in Research.
