

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

**[AHS 0122]**

**JANUARY 2022  
(OCTOBER 2021 EXAM SESSION)**

**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. Classify the types of waste generated in the hospital and write in detail about the Disposal of waste.

**II. Write Short Notes on: (10x6 = 60)**

1. Describe the various types and uses of Medical equipment's in ICU.
2. Inductance and Transformers.
3. Difference Between AC and DC
4. Pulse oximetry - Principals, advantages and pitfalls in monitoring.
5. Informed Consent and waiver of informed consent.
6. Mean vs Mode
7. Normal Distribution.
8. Measures of central tendency.
9. Validity vs reliability.
10. H<sub>2</sub>O<sub>2</sub> gas plasmavap Sterilisation

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