

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

[AHS 0222]

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

Sub. Code: 2302

**M.Sc. NUCLEAR MEDICINE TECHNOLOGY
FIRST YEAR**

(Candidates admitted from 2019-2020 onwards – Paper II)

(Candidates admitted from 2020-2021 onwards – Paper III)

**PAPER II & III – COMPUTERS, FUNDAMENTALS OF ELECTRICITY AND
ELECTRONIC**

Q.P. Code : 282302

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

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

1. Write in detail about applications of computer in Nuclear Medicine.
2. Explain different types of Power Supply.

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

1. Functional units of computer.
2. Networking software.
3. How to insert table in word application.
4. Types of Operating system.
5. TCP/IP Protocol.
6. Ohm's law and the triangle.
7. Half wave rectifier.
8. Field effect transistor.
9. Filter circuits.
10. Pulse height analyser.
