

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 1702

**M.Sc. CRITICAL CARE TECHNOLOGY
FIRST YEAR**

(Candidates admitted from 2017-2018 onwards - Paper II)

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

**PAPER II & III – APPLIED BIOCHEMISTRY AND PHARMACOLOGY
RELATED TO CRITICAL CARE**

Q.P. Code : 281702

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Explain in detail about the classification of proteins with its functions.
2. Write in detail about Neuromuscular blockers.

II. Write Short Notes on:

(10x6 = 60)

1. Essential fatty acids.
2. Function of sodium and potassium.
3. Classify enzymes.
4. Niacin.
5. Basal metabolic Rate.
6. Nitrous oxide.
7. Inotropic agents.
8. Antihypertensive drugs.
9. Ipratropium.
10. Mucokinetics.
