

[LP 1019]

OCTOBER 2019

Sub. Code: 1702

**M.Sc. CRITICAL CARE TECHNOLOGY EXAMS
FIRST YEAR
PAPER II – APPLIED BIOCHEMISTRY & PHARMACOLOGY
RELATED TO CRITICAL CARE**

Q.P. Code: 281702

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Sources, RDA, functions and deficiency manifestations of Vitamin D.
2. Classify Antiepileptic drugs. Add a note on phenobarbitone.

II. Write notes on:

(10 x 6 = 60)

1. Isoenzymes.
2. Basal Metabolic Rate.
3. Hyponatremia.
4. Sources, functions and deficiency manifestations of Vitamin B₁₂.
5. Functions of proteins.
6. Ketamine.
7. Nitrous oxide.
8. Glycopyrolate- mechanism of action and its uses.
9. Cough suppressants.
10. Ipratropium.
