

[LQ 1019]

NOVEMBER 2020
(MAY 2020 EXAM SESSION)

Sub. Code: 1302

**M.Sc. CLINICAL NUTRITION
FIRST YEAR
PAPER II – NUTRITIONAL BIOCHEMISTRY**

Q.P. Code : 281302

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the Digestion and Absorption of Proteins.
2. Describe in detail the chemistry, sources, requirements, metabolic functions and deficiency manifestations of Vitamin C.

II. Write notes on:

(10 x 6 = 60)

1. Reactions of Glycolysis.
2. Phospholipids.
3. Polysaccharides.
4. Essential Amino Acids.
5. Functions and deficiency manifestations of Vitamin A.
6. Enzyme Inhibition.
7. Lipoproteins.
8. Synthesis of specialized products formed from Aromatic Amino Acids.
9. Free Radicals.
10. Phenylketonuria.
