

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 3001

**B.Sc. CLINICAL NUTRITION**  
**FIRST YEAR (Regulation 2018-2019 onwards)**  
**PAPER I – BASIC NUTRITION**

*Q. P. Code: 803001*

**Time: Three hours**

**Maximum : 100 Marks**

**Answer ALL Questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Explain the effect of cooking on the Nutritive Value of Food.
2. Classify Vitamins and write down the functions of Vitamin C.
3. Explain in detail the sources, functions, reference values and deficiency manifestations of Calcium.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Sports Nutrition.
2. Food Guide Pyramid.
3. Symptoms of Good Nutritional Status.
4. Classification of Carbohydrates.
5. Functions of Fats.
6. Processed Supplementary Foods.
7. Food sanitation.
8. Deficiency of Iron.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Vitamin K.
2. Deficiency manifestation of Iodine.
3. Dietary fibre.
4. Pellagra.
5. Sources of Fat.
6. Dehydration.
7. Beri-beri.
8. Any three difference between Marasmus and Kwashiorkor.
9. Essential aminoacids.
10. List the Enzymes involved in digestion.

\*\*\*\*\*