

[LP 0819]

AUGUST 2019

Sub. Code: 3001

**B.Sc. CLINICAL NUTRITION**  
(New Syllabus 2018-2019)

**FIRST YEAR**

**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. What are fat soluble vitamins?
2. Explain water as nutrient and its deficiency.
3. Explain source, composition, function and deficiency of protein.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Explain trace elements.
2. Sources and functions of Vitamin D and K.
3. Write notes on phospholipids.
4. Polysaccharides.
5. Essential and non-essential aminoacids.
6. Nutritional classification of food.
7. What are the effects of cooking and heat processing of foods?
8. Explain digestion and absorption of food in our body.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Functions of sodium and potassium.
2. Define pellagra.
3. Role of intrinsic factor.
4. Define waxes.
5. What are fibers?
6. What is food sanitation?
7. Zwitter ions.
8. Stereoisomer.
9. What are polypeptides?
10. Colour vision.

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