

[BSCN 0321]

MARCH 2021

Sub. Code: 4702

(AUGUST 2020 SESSION)

**B.Sc. (Nursing) DEGREE EXAMINATION**

(New Regulations for the candidates admitted from 2006-07 onwards)

**FIRST YEAR**

**PAPER II – NUTRITION AND BIOCHEMISTRY**

*Q.P. Code: 664702*

**Time : Three Hours**

**Maximum : 75 Marks**

**Answer Section A and Section B Separately**

**SECTION - A**  
**(NUTRITION)**

**I. Elaborate on:** (1 x 15 = 15)

1. Define Nutritional Assessment. Explain methods of Nutritional Assessments.

**II. Write notes on:** (4 x 5 = 20)

1. Protein Energy Malnutrition.
2. Five food Group Plan.
3. Dietary Fibre.
4. Write notes on Vitamin – A.

**III. Short answers on:** (5 x 2 = 10)

1. Define Balanced Diet.
2. Give four Rich Sources of Calcium.
3. Two functions of fat.
4. What is adulteration?
5. List out some Essential Amino Acids.

**SECTION - B**  
**(BIOCHEMISTRY)**

**I. Elaborate on:** (1 x 15 = 15)

1. Glycolysis - add a note on its Bio-Energetics.

**II. Write notes on:** (1 x 5 = 5)

1. Digestion and Absorption of Proteins.

**III. Short answers on:** (5 x 2 = 10)

1. Examples for Monosaccharide's.
2. Write any two functions of Calcium.
3. ELISA.
4. Types of Vitamins.
5. What is HOLO enzymes and APO enzymes?

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