

MEDICAL**[BSCN 1023]****OCTOBER 2023
(AUGUST 2023 EXAM SESSION)****Sub. Code: 4702****B.Sc. (Nursing) DEGREE EXAMINATION
(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. Associate the direct and indirect methods usage for assessing the Nutritional Status.

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

1. Distinguish over nutrition and under nutrition.
2. Cite the importance of complementary proteins.
3. Review the classification of Fats and Fatty Acids.
4. Indicate the effects of water intoxication.

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

1. Point out the symptoms of Rickets.
2. Mention the food standards.
3. Define Basal Metabolic Rate.
4. Classify preservatives.
5. Any two properties of Fats.

**SECTION - B
(BIOCHEMISTRY)****I. Elaborate on:** (1 x 15 = 15)

1. Write the sources, RDA, Biochemical functions and deficiency manifestations of Vitamin A.

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

1. Enzymes changes in diseases.

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

1. Essential aminoacids.
2. Define carbohydrates.
3. Fluorosis.
4. Ribosomes.
5. Gene mutation.
