

MEDICAL**[BSCN 0622]****JUNE 2022
(FEBRUARY 2022 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. Detail on the National nutrition programs with its objectives, role and functions.

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

1. Digestion and absorption of carbohydrates.
2. Determination of energy value of food by using Bombcalorimeter.
3. Nutritional classification of proteins.
4. Distribution and Regulation of body water.

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

1. The medicinal value of spices and condiments. Give 2 examples.
2. Define Nutritional Status.
3. Give four functions of vitamin C.
4. Brief on the basic five food groups.
5. Nutritional Anemia.

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

1. Write an urea cycle and add a note on ammonia toxicity.

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

1. Disaccharids in detail.

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

1. Lysosomes.
2. Benedict's Test.
3. Ketone bodies.
4. Pellagra.
5. Immunoglobulins.
