

[LO 1011]

FEBRUARY 2019

Sub. Code: 4702

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. Briefly explain about water soluble vitamins.

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

1. Bomb calorimeter.
2. Canning.
3. Amino acids.
4. Nutritional anthropometry.

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

1. Give two functions of carbohydrate.
2. Sources of Iron.
3. Define BMI.
4. What is Trans Fat?
5. Scurvy.

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. Glycogen storage disease.

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

1. Power house of the cell.
2. Essential amino acids.
3. Define coenzyme.
4. GTT.
5. List any four macro-minerals.
