

[LI 1011]

FEBRUARY 2016

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 ALL questions****Answer Section A and Section B Separately****SECTION A
(NUTRITION)****I. Essay:** (1 x 15= 15)

1. The classification, clinical manifestations and dietary management of Protein Energy Malnutrition.

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

1. Carbohydrate classification.
2. Basic five food groups.
3. Types of dietary assessments.
4. Digestion of fat.

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

1. Define Kilo Calorie.
2. Describe Bitot's spots.
3. Define Water intoxication.
4. List the food preservation methods
5. What are Therapeutic Diets?

**SECTION B
(BIOCHEMISTRY)****I. Essay:** (1 x 15 = 15)

1. Glycolysis – add a note on its Bioenergetics.

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

1. Gout.

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

1. Essential Fatty acids.
2. Power house of the cell.
3. Write the normal value of Serum Urea and Serum Creatinine.
4. Phenylketonuria.
5. Define Acidosis.
