

[LE 1011]

FEBRUARY 2014

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: (1x15=15)

1. Discuss about Protein Energy Malnutrition in detail.

II. Write Notes on : (3x5=15)

1. Functions of fats.
2. Vitamin – A deficiency
3. Bomb calorimeter

III. Short Answer Questions: (5x2=10)

1. Define balanced diet
2. Give two functions of carbohydrates
3. What is water intoxication?
4. Define positive nitrogen balance
5. Give four rich sources of calcium.

SECTION B
(BIOCHEMISTRY)

I. Elaborate on: (1x15=15)

1. What is Diabetes mellitus? Explain the hormonal regulation of glucose.

II. Write Notes on: (2x5=10)

1. t-RNA structure
2. Factors affecting enzyme action.

III. Short Answer Questions: (5x2=10)

1. Name the types of Immunoglobulins
2. Mention any two functions of Proteins
3. Mitochondria
4. Normal values of Blood urea and serum creatinine
5. Rickets
