

[LC 1011]

FEBRUARY 2013

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 : 100 marks****Answer Section A and Section B SEPARATELY.****SECTION A
(NUTRITION)****I. Essay:** (1x20=20)

1. Define nutritional assessment. Write methods of nutritional assessment

II. Write Short Notes on : (4x5=20)

1. Iron deficiency
2. Role of Vitamin C
3. Classification of carbohydrate
4. Plan a menu for pregnant women.

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

1. Source of iodine
2. What is adulteration
3. Write types of lipoprotein
4. What is osteomalacia
5. Write any two foods to manage constipation.

**SECTION B
(BIOCHEMISTRY)****I. Essay:** (1x20=20)

1. Describe urea cycle and mention the formation of ammonia and its toxicity?

II. Write Short Notes on : (4x5=20)

1. Lipoprotein
2. Glycogen storage disease
3. Biochemical functions of Vit C
4. Enzyme inhibition.

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

1. Sucrose is non reducing sugar why?
2. Alkaptonuria
3. Structure and functions of mitochondria
4. Essential amino acid
5. Name the purine and pyrimidine bases.
