

February 2011

[KY 1011]

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: (1X15=15)

1. Discuss the methods of cooking in detail.

II. Write Short Notes on : (3X 5 =15)

1. Dietary fibre.
2. Scurvy.
3. Bomb calorie meter.

III. Short Answer Questions: (5X 2 =10)

1. Define Malnutrition.
2. Write two properties of lipids.
3. Define nitrogen Equilibrium.
4. Define Health.
5. List two deficiency diseases of Vitamin – A.

**SECTION B
(BIOCHEMISTRY)**

I. Essay: (1X15=15)

1. Describe in detail steps, regulation, energetics and Amphibolic nature of Tricarboxylic acid cycle.

II. Write Short Notes on : (2X 5 =10)

1. Essential Amino Acids.
2. Gout.

III. Short Answer Questions: (5X 2 =10)

1. Clinically important Enzymes.
2. Beri-beri.
3. Mitochondria.
4. Renal function test.
5. Hypercholesterolaemia.
