



Reg. No:

**First Year B.Sc Nursing Degree Regular/Supplementary Examinations
August 2021
Nutrition and Biochemistry**

Time: 3 Hours

Max Marks: 75

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary
- Write section A (32 Pages) and section B (32 Pages) in separate answer books. Do not mix up questions from section A and section B.

Q P Code: 104010

Section A – Nutrition

Marks: 50

Essay

(10)

1. Explain the daily requirement, functions and distribution of body water.

Short notes

(5x5=25)

2. Clinical features of diabetes mellitus.
3. Methods of cooking.
4. Functions and deficiency of iodine.
5. Discuss the factors and daily requirement of energy for different categories of individual.
6. Assessment of nutrition status of a community.

Answer Briefly

(5x3=15)

7. Role of food and its medicinal value. Mention any three examples.
8. Budgeting of food.
9. Food standards.
10. Diet for a cardiovascular disease individual.
11. National institute of nutrition.

Q P Code: 105010

Section B – Biochemistry

Marks: 25

Essay

(10)

1. Dietary sources, biochemical functions and deficiency manifestations of vitamin C

(2+4+4)

Short notes

(2x5=10)

2. Complications of diabetes mellitus
3. Immunoglobulin

Define the following

(5x1=5)

4. Normal blood urea
5. pH
6. Two copper containing enzymes
7. Two hepatic enzyme markers
8. Two hormones maintaining serum calcium level