

**First Year B.Sc Nursing Degree Supplementary Examinations
January 2024**

Nutrition and Biochemistry

(2016 Scheme)

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*
- *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: 114010

Section A – Nutrition

Marks: 50

Short Essays

(2x7= 14)

1. Mention the principles of food preservation and explain the domestic methods of food preservation. (2+5)
2. Explain the methods of assessing nutritional status of a community.

Short Notes

(5x4=20)

3. Nutritional problems in India.
4. Dietary principles and a day's menu for a diabetic mellitus patient.
5. Dehydration causes and treatment.
6. Food standards in India
7. Body mass index.

Answer Briefly

(4x4=16)

8. Digestion of lipids
9. Moist heat methods of cooking
10. Factors influencing Basal Metabolic Rate (BMR)
11. Weaning.

Q P Code: 115010

Section B – Biochemistry

Marks: 25

Short Essays

(2x5=10)

1. Discuss acid base disorders with suitable examples
2. Ketone body formation and utilization.

Short notes

(2x3=6)

3. Comment on lactose intolerance
4. Biochemical functions of calcium

Differentiate Between

(3x3=9)

5. HDL and LDL
6. Obstructive Jaundice and Hemolytic Jaundice.
7. Essential and Non-essential amino acids
