

Reg. No:

**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
