

Reg. No:

First Year B.Sc Nursing Degree Supplementary Examinations May 2023**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 Essay****(2x7= 14)**

1. Explain the principles while planning balanced diets and advantages of breastfeeding (3+4)
2. Explain the digestion, absorption, storage and metabolism of lipids (3+1+1+2)

Short Notes**(5x4=20)**

3. Deficiency of vitamin D
4. Factors affecting food and nutrition
5. Classification of carbohydrates
6. Dehydration
7. Storage of foods

Answer Briefly**(4x4=16)**

8. List the functions of sodium
9. Food standards in India
10. Body Mass Index
11. Functions of fats in the body.

Q P Code: 115010**Section B – Biochemistry****Marks: 25****Short Essays****(2x5=10)**

1. Biochemical functions and deficiency manifestations of vitamin C
2. Urea cycle

Short notes**(2x3=6)**

3. How does vitamin A participate in visual cycle.
4. Kidney function test

Differentiate Between**(3x3=9)**

5. Monosaccharides and Disaccharides.
6. Sodium and potassium ions.
7. Cell mediated immunity and Humoral immunity
