

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 walds 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
