

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
February 2022****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. Discuss the methods of assessing nutritional status of a community in detail.

Short notes**(5x5=25)**

2. Factors affecting BMR.
3. Beri – Beri.
4. Dry heat method of cooking.
5. Protein energy malnutrition.
6. Role of nutrition in maintaining health

Answer Briefly**(5x3=15)**

7. Elements of nutrition.
8. National nutrition programmes.
9. Deficiency diseases and sources iodine.
10. Classification of fats.
11. How to preserve nutrients while cooking.

Q P Code: 105010**Section B – Biochemistry****Marks: 25****Essay****(10)**

1. What is the normal level of urea. How ammonia is formed and detoxified from the body

(1+4+5)**Short notes****(2x5=10)**

2. Metabolic acidosis
3. Digestion and absorption of carbohydrates

Define the following**(5x1=5)**

4. Name any two causes for obstructive jaundice
5. Two diagnostic uses of enzymes
6. Mention the function of IgE
7. Write any two functions of albumin
8. What is the function of Golgi apparatus
