

**First Year B.Sc Nursing Degree Supplementary Examinations, July 2015****NUTRITION AND BIOCHEMISTRY****Time: 3 Hours****Maximum Marks: 75**

- Answer all questions
- Write section A(52 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. Explain the role of nutrition in maintaining health

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

2. Role of dietary fiber in human nutrition
3. Protein calorie malnutrition
4. Causes and prevention of flurosis
5. Metabolism of vitamin D
6. Maintenance of fluid and electrolyte balance

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

7. Body mass index
8. List the functions of iron in the body
9. RDA for a lactating women doing moderate work
10. Food preservation by drying
11. Services of ICDS

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

1. Explain the sources, biochemical functions and deficiency manifestations of vitamin C

Short notes**(2x5=10)**

2. Urea cycle
3. Structure of immunoglobulin

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

4. Urinary findings in obstructive jaundice
5. Galactosemia
6. Poly unsaturated fatty acids
7. Hypocalcemia
8. Lysosome
