

**First Year B.Sc Nursing Degree Supplementary Examinations, July 2014****NUTRITION AND BIOCHEMISTRY****Time: 3 Hours****Maximum Marks: 75**

- Answer all questions
- Write section A and section B 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 importance of nutrients during pregnancy. Add a note on balanced diet for pregnant women.

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

2. Functions of proteins.
3. Principles of cooking
4. Vitamin A deficiency diseases.
5. Classification of lipids.
6. Factors influencing meal planning.

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

7. Water deprivation
8. Osteomalacia
9. Nutritional problems during adolescence
10. Integrated child development scheme
11. Recommended daily allowance

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

1. Mention the normal value of blood glucose. Explain in detail about the regulation of blood glucose. Add a note on oral glucose tolerance test

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

2. Urea cycle
3. Phospholipids.

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

4. Hypokalemia
5. Buffer
6. Conjugated protein
7. Lipid
8. Carbohydrate

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