

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
Essay

Section A – NUTRITION

Marks:50
(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
Essay

Section B – BIOCHEMISTRY

Marks:25
(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