

First Year B.Sc Nursing Degree Supplementary Examinations, June 2016

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
Essay

Section A – NUTRITION

Marks:50
(10)

1. List down the principles of meal planning and plan a day's menu for an expectant woman.

Short notes

(5x5=25)

2. Protein energy malnutrition
3. Basal metabolic rate
4. Food additives and food adulteration
5. National nutritional program
6. Vitamin D deficiency

Answer Briefly

(5x3=15)

7. List down the functions of calcium
8. Role of dietary fiber
9. Mention examples for food prepared by shallow frying
10. Classification of carbohydrates
11. Calorific value of nutrients

Q P Code: 105010
Essay

Section B – BIOCHEMISTRY

Marks:25
(10)

1. Mention normal fasting blood glucose level and explain how it is regulated.

Short notes

(2x5=10)

2. How lipids are digested and absorbed from the body
3. Explain daily allowance, dietary source, biochemical features and deficiency manifestations of vitamin A.

Define the following

(5x1=5)

4. Phenyl ketonuria
5. Hypo proteinemia
6. Biochemical functions of copper
7. Metabolic alkalosis
8. Serum transaminases.