

First Year B.Sc Nursing Degree Supplementary Examinations May 2018

Nutrition and Biochemistry

(2010 Scheme)

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 vitamin A under the following heads:
 - Sources
 - Functions
 - RDA
 - Deficiencies

Short notes

(5x5=25)

2. Differentiate between food adulteration and food additives
3. What are the factors which affecting BMR
4. Plan and discuss a diet for an adult sedentary women suffering from diabetes mellitus
5. How does the body digest and absorb fat
6. Explain role and tools of nutrition education

Answer Briefly

(5x3=15)

7. List out the basic elements of national nutritional policy
8. Functions of carbohydrate
9. PEM
10. Importance of water in the body
11. List out suitable food items for people with anemia

Q P Code: 105010

Section B – BIOCHEMISTRY

Marks: 25

Essay

(10)

1. Discuss the formation and disposal of ammonia.

Short notes

(2x5=10)

2. Biochemical role of vitamin A
3. Catabolism of bilirubin

Define the following

(5x1=5)

4. Anion gap
5. Fluorosis
6. Tetany
7. Reverse cholesterol transport
8. Cori's cycle