

First Year B.Sc Nursing Degree Supplementary Examinations June 2017

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. Define menu planning and discuss the factors considered in menu planning.

Short notes

(5x5=25)

2. Functions, sources and requirement of vitamin B₁₂.
3. Importance of nutrients during pregnancy with a day's sample menu.
4. National nutritional agencies. Mention any two.
5. Functions of carbohydrates.
6. Classification of food.

Answer Briefly

(5x3=15)

7. Dietary fiber.
8. Functions and requirement of iron.
9. Prevention of food adulteration act.
10. Naturopathy diet.
11. Over hydration and dehydration.

Q P Code: 105010

Section B – BIOCHEMISTRY

Marks:25

Essay

(10)

1. Dietary sources, biochemical functions and deficiency manifestations of vitamin D
(2+4+4)

Short notes

(2x5=10)

2. Oral glucose tolerance test
3. Lipoproteins

Define the following

(5x1=5)

4. Normal fasting blood glucose level
5. Metabolic acidosis
6. Two biologically important compounds formed from tyrosine
7. Two essential fatty acids
8. Epimerism