

First Year B.Sc Nursing Degree Examinations, November 2015

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

Section A – NUTRITION

Marks:50

Essay

(10)

1. Explain national nutrition policy with its specific goal.

Short notes

(5x5=25)

2. Factors affecting Food and Nutrition
3. Deficiency symptoms of thiamine
4. Functions of calcium
5. Prevention of food adulteration act
6. Digestion and absorption of carbohydrates

Answer Briefly

(5x3=15)

7. Classification of foods
8. Functions of fats
9. Sources of iron
10. Vitamin A prophylaxis programme
11. Prevention of dehydration

Q P Code: 105010

Section B – BIOCHEMISTRY

Marks:25

Essay

(10)

1. What is the normal level of blood glucose. Describe the regulation of blood glucose.

Short notes

(2x5=10)

2. Classification of lipids
3. Metabolic acidosis

Define the following

(5x1=5)

4. Fluorosis
5. Essential amino acids
6. Important compounds synthesized from tyrosine
7. Beriberi
8. Immunoglobulin E
