

First Year B.Sc Nursing Degree Supplementary Examinations May 2018

Nutrition and Biochemistry

(2016 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: 114010

Section A – Nutrition

Marks:50

Short Essay

(2x7=14)

1. Describe the requirements, sources and deficiency of dietary iron.
2. What is balanced diet. Narrate a day's menu for a normal pregnant woman in second trimester

Short notes

(5x4=20)

3. Dry heat methods of cooking.
4. Digestion of carbohydrates.
5. Dietary sources of proteins.
6. Classification of food.
7. Essential fatty acids.

Answer Briefly

(4x4=16)

8. Body mass index.
9. Beriberi.
10. Anthropometric methods of nutritional status assessment.
11. Distribution of body water and its daily requirement.

Q P Code: 115010

Section B – Biochemistry

Marks:25

Short Essays

(2x5=10)

1. What is the normal blood urea level. Discuss how ammonia is converted to urea.
2. Mention the classifications of fatty acids and add a note on PUFA.

Short notes

(2x3=6)

3. Benedict's test.
4. Functions of calcium

Answer briefly

(3x3=9)

5. Bile salts.
6. Oral glucose tolerance test.
7. Enzymes elevated in acute myocardial infarction