

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
