



Reg. No: .....

**First Year B.Sc Nursing Degree Examinations November 2017****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. How foods are classified. Mention the factors affecting food and nutrition.
2. What is the requirement of calcium in normal diet. Mention the food sources, factors affecting absorption and deficiency manifestation of calcium.

**Short notes****(5x4=20)**

3. Dietary fibre.
4. Protein energy malnutrition.
5. Domestic methods of food preservation.
6. Factors to be considered during menu planning.
7. Prescribe a Diet for a Pregnant Woman

**Answer Briefly****(4x4=16)**

8. Dietary source and deficiency of vitamin A.
9. Functions of water in the human body.
10. What is pressure cooking. List the merits and demerits of this type of cooking.
11. Role of nurse in nutrition education.

**Q P Code: 115010****Section B – Biochemistry****Marks:25****Short Essays****(2x5=10)**

1. Mention the daily requirement, dietary source and deficiency manifestations of vitamin D.
2. Describe the classification of amino acids based on nutritional importance

**Short notes****(2x3=6)**

3. Oral Glucose Tolerance Test
4. Plasma proteins

**Answer briefly****(3x3=9)**

5. Lipid profile.
6. Disaccharides
7. Metabolic acidosis

