

SECOND SEMESTER B.Sc. NURSING EXAMINATIONS
APPLIED BIOCHEMISTRY & APPLIED NUTRITION & DIETETICS

Total Duration : 3 Hrs.

Total Marks : 75

- Instruction:**
- 1) Use **black** ball point pen only.
 - 2) **Do not** write anything on **the blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. This format is a mere guideline. Questions from the syllabus can be asked in any paper. Students cannot claim that the Question is out of syllabus, as this format and distribution has been given only for the sake of placement.
 - 7) Use a common answer book for all sections.

SECTION – B (Applied Biochemistry)

2. Short Notes : (any 3 out of 4)

(3x5=15)

- a) Causes of proteinuria.
- b) Glucose tolerance test and its significance.
- c) Describe on investigations of Diabetes Mellitus.
- d) Lipoproteins.

3. Very Short Notes : (any 3 out of 4)

(3x2=6)

- a) What is Chylomicron.
- b) Write four functions of globulin.
- c) Name the essential amino acids.
- d) Define creatinine clearance test.

SECTION – C (Applied Nutrition & Dietetics)

4. Essay / Situation type question : (any 1 out of 2) (1×10=10)
- a) Define Malnutrition? Discuss the classifications of Malnutrition.
 - b) What is Food Adulteration? Discuss on prevention of Food Adulteration.
5. Short Notes : (any 4 out of 5) (4×5=20)
- a) Write a note on Mid Day Meal Programme.
 - b) Classify Vitamins and list the deficiency diseases of Vitamin A.
 - c) Methods of Food Preservation.
 - d) Write the classification of food with examples.
 - e) Factors affecting Basal Metabolic Rate (BMR).
6. Very Short Notes : (any 6 out of 7) (6×2=12)
- a) What is mean by food standards.
 - b) Four Functions of Protein.
 - c) What is Lipid. <https://www.pyqonline.com>
 - d) Write down four functions of carbohydrate.
 - e) Define Dehydration.
 - f) Define Therapeutic Diet.
 - g) Write the sources of Vitamin C.
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