

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[BSCN 1122]

**NOVEMBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 4702

**B.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for the candidates admitted from 2006-07 onwards)**

**FIRST YEAR
PAPER II – NUTRITION AND BIOCHEMISTRY
Q.P. Code: 664702**

Time : Three Hours

Maximum : 75 Marks

Answer Section A and Section B Separately

**SECTION - A
(NUTRITION)**

I. Elaborate on: (1 x 15 = 15)

1. Explain in detail about methods of assessment of Nutritional status among adults.

II. Write notes on: (4 x 5 = 20)

1. Importance of Nutrition and health.
2. Role of fiber in health.
3. Dry cooking methods.
4. Nutritional complications during pregnancy.

III. Short answers on: (5 x 2 = 10)

1. Dietary sources of protein.
2. Define balanced diet.
3. What is phrynoderma?
4. Define bitot's spots.
5. Food preservation and food toxins.

**SECTION - B
(BIOCHEMISTRY)**

I. Elaborate on: (1 x 15 = 15)

1. What is the normal fasting Blood Glucose Level? Explain how Blood Glucose Level is regulated.

II. Write notes on: (1 x 5 = 5)

1. Phenylketonuria.

III. Short answers on: (5 x 2 = 10)

1. Lipotropic factors with example.
2. Write the significance of HMP shunt pathway.
3. Gout.
4. Normal values of Blood Urea and Serum Creatinine.
5. Hyponatremia.
