

[LG 1011]

FEBRUARY 2015

Sub. Code: 4702

**B.Sc (Nursing) DEGREE EXAMINATION**  
(New 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. Write about Nutrition Education in detail.

**II. Write notes on :****(3 x 5 = 15)**

1. Plan a day's menu for a Pregnant mother
2. Iodine deficiency disorder(IDD)
3. Basic Five Food groups

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

1. Objectives of Applied Nutrition Programmes
2. Functions of protein
3. Dental fluorosis
4. Define Balanced diet
5. List out four sources of Vit-E

**SECTION B**  
**(BIOCHEMISTRY)**

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

1. Write the sources, RDA, Biochemical functions of Vitamin D and the clinical manifestation of its deficiency.

**II. Write notes on:****(2 x 5 = 10)**

1. Regulation of Blood glucose
2. Enzymes of clinical importance

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

1. Cytoskeleton
2. Essential fatty acids
3. Difference between DNA and RNA(any two)
4. Write any two functions of calcium
5. Ribosomes

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