

[LH 1011]

AUGUST 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 ALL questions
Answer Section A and Section B Separately

SECTION – A
(NUTRITION)

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

1. Define Basal metabolism. Explain factors affecting basal metabolic rate and write the determination of basal metabolism.

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

1. Clinical examination.
2. Vitamin B2.
3. Classification of protein.
4. Types of preservatives.

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

1. Define kilocalorie.
2. Functions of vitamin 'C'.
3. Define Dietary fiber.
4. Objectives of cooking
5. Write three chemical preservatives.

SECTION – B
(BIOCHEMISTRY)

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

1. Explain in detail about TCA cycle, its energetic and regulation.

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

1. Structure of the RNA.

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

1. Lipoproteins.
2. Define co-enzyme.
3. Types of Jaundice.
4. Name any 2 liver function tests.
5. Examples for disaccharides.
