

[LI 824]

FEBRUARY 2016

Sub. Code: 4884

**POST BASIC BACHELOR OF SCIENCE IN NURSING DEGREE
EXAMINATION
FIRST YEAR - NON SEMESTER
PAPER III – BIOCHEMISTRY AND BIOPHYSICS**

Q.P. Code: 684884

Time: Three hours

Maximum: 75 Marks

Answer Section A and B in a SEPARATE answer book.

**SECTION A
(BIOCHEMISTRY)**

I. Essay: (1 x 15 = 15)

1. Write in detail about Glycogen storage diseases.

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

1. Ribosome
2. Plasma Proteins
3. TCA cycle

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

1. Vitamin C.
2. Difference between DNA & RNA (any two).
3. Give any two Sulphur containing Aminoacids.
4. Biological importance of Lipids.
5. Normal value of Blood, Calcium and Phosphorus.

**SECTION B
(BIOPHYSICS)**

I. Essay: (1 x 15 = 15)

1. Describe the Human Visual physiology and write different types of refractory errors and its types of correctiveness.

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

1. What is Friction, how to reduce frictional loses?
2. Explain the Clinical Thermometer.

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

1. Defibrillator.
2. What is Reflection?
3. State the Law of Floatation.
4. Write notes on Electro Cardio Gram (ECG).
5. What is Specific Gravity?
