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[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?

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