

[LO 1501]

MAY 2019

Sub. Code: 1501

FIRST B.N.Y.S. DEGREE EXAMINATION

PAPER I – BIO - CHEMISTRY

Q.P. Code : 821501

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail about Monosaccharide and stereoisomerism.
2. Explain Vitamin A in detail and Wald's Visual Cycle.

II. Write Notes on:

(10 x 5 = 50)

1. Write in detail about Chromatography.
2. Structure of DNA.
3. Functions of immunoglobulins.
4. TCA Cycle.
5. Explain Nitrogenous bases.
6. Write a short note on Fat.
7. Explain Ketogenesis.
8. Write a short note on Iron.
9. Biological Oxidation.
10. Kidney Function Test.

III. Short Answers on:

(10 x 2 = 20)

1. Iodine Number.
2. Hypervitaminosis.
3. Avidin.
4. Oncogenes.
5. Jaundice.
6. Pantothenic Acid.
7. BMR.
8. Sphingolipids.
9. Genes.
10. Difference between Kwashiorkor and Marasmus.
