

North Bengal University
Practical Exam-2020
Subject: Zoology
Course: B. Sc. Honours
Paper CC10: Fundamentals Of Biochemistry (lab)

Time: 2 hours

Full Marks: 20

Answer Any Two Questions (10 x 2 = 20)

1. Qualitative tests of functional groups in Carbohydrates (Molisch's Test, Iodine Test, Fehling's Test/Benedict's Test, Seliwanoff's Test, Proteins (Biuret Test, Millon's Test). Write down the principle, procedure, observation, inference and remarks.

10 marks

2. Write down the Principle, procedure, and calculate the result of Paper /Thin layer Chromatographic separation of amino acids.

10 marks

3. Write down the Principle, procedure, tabulation, graph plotting, and calculate the result of quantitative estimation of proteins by Folin-Lowry Method.

10 marks