2013

M.Sc.

1st Semester Examination

BIOCHEMISTRY

PAPER—BIC-105

(PRACTICAL)

Full Marks : 40

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all questions.

1. Separate the amino acids from a supplied sample (A) through paper chromatography comparing with given standards, Calculate the Rf value of unknown amino acids and discuss the result.

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[ Note : Principle — 3, Work — 3, Result — 5, Discussion — 4 ]

(Turn Over)
2. Verify the Lambert-Burs Law with KMnO₄ solution and determine the Molar Extinction co-efficient of the solution. Comment on your result.

[Note: Principle — 3, Work — 3, Result — 5, Discussion — 4]

3. Practical Note Book.

4. Viva-Voce.