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.

15

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

(Turn Over)

2. Verify the Lambert-Burs Law with $KMnO_4$ solution and determine the Molar Extinction co-efficient of the solution. Comment on your result.

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

3. Practical Note Book. 5

4. Viva-Voce. 5

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