

2014

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 Thin Layer Chromatography (TLC) comparing with given standards. Calculate the R_f value of unknown amino acids and discuss the result. 15

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

(Turn Over)

2. Determine the partition co-efficient of benzoic acid between water and benzine. Comment on your result.

15

3. Practical Note Book. 5

4. Viva-Voce. 5
