

2014

M.Sc.

1st Semester Examination

BIOCHEMISTRY

PAPER—BIC-106

(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. Determine the protein content of a given sample by Lowry's method. Interpret your result. 15**

**[Principle — 2, Procedure + Work — 5,
Result — 6, Interpretation — 2]**

2. Find out the K_m and V_{max} value of α -amylase in a given sample. Mention the importance of K_m value of an enzyme.

[Principle — 2, Procedure + Work — 5,
Result — 5, Interpretation — 1, Importance — 2]

3. Laboratory Note Book. 5
4. Viva-Voce. 5
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