

M.Sc. 1st Semester Examination, 2023

MICROBIOLOGY

(Analytical Biochemistry)

(Practical)

PAPER — MCB-196.1

Full Marks : 25

Time : 6 hours

Answer all questions

The figures in the right hand margin indicate marks

1. Determine the activity of the supplied alpha-amylase solution at three different pH.

[Principle-2; Working-3; Result-3]

8

2. Determine the protein content per cell of the supplied bacterial culture (cell density 1×10^7 /ml). 7

Or

Determine the carbohydrate content per cell of the supplied bacterial culture (cell density 1×10^7 /ml).

[Principle-2; Working-2; Result-2]

3. Laboratory note book 2
4. Viva Voce 3
5. Internal Assessment 5
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M.Sc. 1st Semester Examination, 2023

MICROBIOLOGY

(Review Work/Case Study & Seminar)

(Practical)

PAPER — MCB-196.2

Full Marks : 25

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

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|---------------------------------------|---|
| 1. Components of abstract | 4 |
| 2. Content and organization of report | 8 |

(Turn Over)

- | | |
|---------------------------------|---|
| 3. Presentation and interaction | 8 |
| 4. Internal Assessment | 5 |