

M. Sc. 1st Semester Examination, 2024

MICROBIOLOGY

(Analytical Biochemistry)

(Practical)

PAPER – MCB-111

Full Marks : 25

Time : 8 hours

Answer all questions

The figures in the right hand margin indicate marks

- 1. Estimate the carbohydrate/Protein content in a bacterial cell. 7**

[Principle : 3; Result & Calculation : 4]

(2)

2. Identify the supplied unknown amino acid sample 'Z' by TLC. 8
[Work : 4; Result & interpretation : 4]

Or

Determine the molecular weight of supplied protein sample using SDS-PAGE. 8
[Work : 4; Result & interpretation : 4]

3. Laboratory Note Book 2
4. Viva-voce 3
5. Internal Assessment. 5

M. Sc. 1st Semester Examination, 2024

MICROBIOLOGY

(Review Work/Case Study & Seminar)

PAPER – MCB-112

Full Marks : 25

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

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

- 1. Report Submission and PowerPoint presentation of your Review work. 20**

(Turn Over)

(2)

[Abstract – 4; Content and organization of
report – 8; Presentation and Interaction – 8]

2. Internal Assessment. 5
