

Q.P. CODE: 115019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Supplementary Examinations June 2024**

Paper IV – General Methodology

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays:

(2x15=30)

1. Discuss the laboratory safety and accidents. Write in detail about the first aids given for laboratory accidents.
2. Describe the various disinfectants used in the Microbiology laboratory.

Short Essays:

(2x10=20)

3. Briefly explain the principle, parts and uses of analytical balance.
4. Briefly explain the preparation of thin blood smear

Short notes

(6x5=30)

5. Preparation and storage of distilled water.
6. Storage of chemicals and reagents
7. Graduated cylinder
8. Bone marrow smear
9. Bacterial nutrition
10. Laboratory animal breeding

Answer briefly:

(10x2=20)

11. Magnetic stirrer
12. Pasteurization
13. Molality
14. Normal saline
15. Gram Positive bacteria
16. Anti-coagulants
17. Nutrient agar
18. Refrigerator
19. pH
20. Pasteur Pipette
