

Q.P. CODE: 115019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Regular/Supplementary Examinations August 2019**

Paper IV – General Methodology

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagram wherever necessary

Essays: (2x15=30)

1. What is distilled water. How is it prepared and stored. What is double distillation.
2. Define sterilization, classify sterilization and write in detail about moist heat sterilization

Short Essays: (2x10=20)

3. organisation of clinical laboratory, layout and design
4. Discuss the difference between primary and secondary standard chemicals.

Short notes (6x5=30)

5. anticoagulants
6. Sequence of filling of tubes in blood collection
7. Magnetic stirrer
8. First aid in chemical lab accidents
9. Autoclaving of syringes
10. Molar solution

Answer briefly: (10x2=20)

11. Name two indicators used in biochemistry lab
12. Types and uses of gloves in the lab
13. Kipps apparatus
14. Use of water bath
15. Paraffin's in histopathology lab
16. Uses of desiccators
17. Objectives used in a compound microscope
18. Uses of spatula in microbiology
19. Differential staining
20. Peptone water
