

Q.P. CODE: 115019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Supplementary Examinations April 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. Discuss in detail the cleaning and care of laboratory glass wares and instruments.
2. Classify bacterial culture media. How is it prepared

Short Essays: (2x10=20)

3. Discuss the principle and uses of vortex mixer.
4. Classify anticoagulants. How do they act

Short notes (6x5=30)

5. Phase contrast microscope
6. First aid in laboratory accidents
7. Principle and uses of analytical balance
8. Incubator
9. Methods of measuring liquids
10. Percentage solution

Answer briefly: (10x2=20)

11. Composition of glassware
12. Titration
13. pH meter
14. Capillary blood collection method
15. Use of Desiccator
16. Deionized water
17. Gram staining
18. Collection of blood samples of laboratory animals
19. Hanging drop method
20. Cleaning of syringes
