

Q.P. CODE: 115019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Examinations November 2017**

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. Classify culture media. Describe the basic steps in the preparation of these media. How they are stored.
2. Describe the steps in the preparation of distilled water and deionised water

Short Essays:

(2x10=20)

3. Discuss the various methods of measuring liquids in the laboratory
4. Describe the steps of the hanging drop method for demonstration of motility

Short notes

(6x5=30)

5. Record keeping in the lab
6. Principles and uses of a water bath
7. Volumetric analysis
8. Uses of Kip's apparatus
9. Molal solutions
10. Breeding of lab animals

Answer briefly:

(10x2=20)

11. Storage of inflammables
12. Thick smear
13. Magnetic stirrer-uses
14. Pre-analytical errors
15. Louis Pasteur
16. Coccobacilli
17. Blood agar
18. Fixative for cytology
19. Normal saline
20. Labelling of specimens in histopathology.
