

Q.P. CODE: 105019/105020

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry
Supplementary Examinations April 2019**

Paper V - General Methodology

(2014 Scheme)

(Common Paper)

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagram wherever necessary

Essay:

(2x15=30)

1. Discuss the preparation and storage of distilled and deionised water. What is a demineraliser.
2. Describe the uses and care of centrifuge and refrigerator in the lab.

Short essay:

(2x10=20)

3. Moist heat sterilization methods.
4. Parts and uses of electron microscope

Short notes:

(6x5=30)

5. Disposal of used needles
6. Laboratory information system
7. Hand washing methods
8. Dry heat sterilization
9. Cleaning of micro slides and coverslips
10. Heparin as anticoagulant.

Answer briefly:

(10x2=20)

11. pH meter
12. Cleaning of microscope lenses
13. Preparation of normal saline
14. Water bath
15. Spherical aberration
16. Lyophilisation
17. Checking purity of water
18. Difference of serological and volumetric pipette
19. Liquid dispenser
20. Laboratory incinerator
