

Q.P. CODE: 105019/105020

Reg. No:

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

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 methods of preparation of peripheral blood and bone marrow smears
2. Describe the anaerobic culture methods and their uses

Short essay:

(2x10=20)

3. Safety precautions in a microbiology lab
4. Measurement of pH

Short notes:

(6x5=30)

5. Handling of inflammable chemicals
6. Preparation of standard solution
7. Principle and uses of water bath
8. Urine preservatives
9. Gram's staining
10. Types of laboratory animals and their feeding/ care

Answer briefly:

(10x2=20)

11. Volumetric analysis
12. Use of measuring jars
13. Molar solution
14. Calibration of pipettes
15. Phosphate buffer
16. Vortex mixer
17. Safety precaution in the laboratories.
18. Enrichment media
19. Safety codes
20. Polarization microscope
