

Q.P. CODE: 105019/105020

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry
Supplementary Examinations October 2018**

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. Name two differential staining methods. Describe in detail the staining methods and its utility
2. Discuss the various equipments required for a histopathology laboratory and their uses

Short essay:

(2x10=20)

3. Anaerobic culture methods
4. Discuss the role of buffers in haematology.

Short notes:

(6x5=30)

5. Care and feeding of mice
6. Capsule staining methods
7. Preservatives of anticoagulant bottles for blood collection.
8. Universal safety precautions.
9. Cleaning and care of laboratory glassware
10. Anti-coagulants used in the biochemistry laboratory

Answer briefly:

(10x2=20)

11. Louis Pasteur.
12. Bacterial spore.
13. Phase contrast microscope
14. Hypochlorite
15. Vacutainer tubes
16. Fixatives used in cytology
17. Kipp's apparatus
18. Calibration of pipettes
19. Types of blood smears
20. Molar solutions
