

**Q.P. CODE: 105019/105020**

**Reg. No: .....**

**First Year B.Sc Medical Microbiology & First Year B.Sc Medical  
Biochemistry Supplementary Examinations, May 2016**

**Paper V - General Methodology**

**(Common Paper)**

**Time: 3 Hrs**

**Max. Marks: 100**

- Answer all questions
- Draw diagram wherever necessary

**Essay:**

**(2x15=30)**

1. What are disinfectants and describe the different types of disinfectants. Add a note on the method of their uses.
2. Describe the methods of blood collection and mention their uses.

**Short essay :**

**(2x10=20)**

3. Preparation of cleaning solution of glassware
4. Steps in automatic tissue processing in histopathology

**Short notes :**

**(6x5=30)**

5. Dark field microscope
6. Safety codes of laboratory practice
7. Uses of centrifuge
8. Hot air oven
9. Preparation of emulsions
10. Uses of Kipps apparatus

**Answer briefly:**

**(10x2=20)**

11. Louis Pasteur
12. Dry heat sterilization
13. Henderson - Hasselbalch equation
14. Centrifuge
15. Quality control
16. Thin smear
17. Storage of explosive chemical
18. Leishmann's stain
19. Use of electron microscope
20. Gram negative cocci.

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