

Q.P. CODE: 105016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations February 2017**

Microbiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Define sterilization. Classify the different methods of sterilization. Describe briefly with diagram the working of hot air oven. List the items sterilized by this method. (1+4+3+2)
2. Describe the staphylococcal infections and the methods of laboratory diagnosis. Add a note on MRSA. (3+4+3)

Short notes:

(6×5=30)

3. Hospital acquired infections.
4. Bacterial growth curve.
5. Bacterial capsule.
6. Carriers.
7. Acquired immunity.
8. Complications of falciparum malaria.

Answer briefly:

(10×3=30)

9. Enrichment media.
10. Fumigation
11. Anaerobic culture media.
12. VDRL test.
13. Mantoux test
14. Clostridium difficile
15. Cysts of entamoeba histolytica
16. Viral inclusion bodies.
17. Fungi causing eye infections.
18. Categorization of biological waste.
