

Q.P. CODE: 105016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, November 2013

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. Explain in detail about the principle, functioning and uses of hot air oven. (2+2+1+3+2=10)
2. Explain in detail about clinical features, laboratory diagnosis and prophylaxis of diphtheria. (3+5+2=10)

Short notes:

(6×5=30)

3. Congenital infections
4. Bacterial growth curve
5. Negative staining
6. Enriched media
7. Trichuris trichura
8. Bacterial capsule

Answer briefly:

(10×3=30)

9. Cryptococcus neoformans
10. Laboratory diagnosis of enteric fever
11. Hepatitis B virus
12. Dermatophytes
13. Entamoeba histolytica
14. Laboratory diagnosis and prophylaxis of tetanus.
15. Negri bodies
16. Bacterial meningitis
17. Staphylococcus aureus
18. Disinfectants
