

Q.P. CODE: 105016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, September 2016

Microbiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. What do you mean by sterilization. How does it differ from disinfection. What are the different methods of moist heat sterilization and explain in detail about principle and functioning of autoclave. (2+1+3+4=10)
2. Discuss in detail about clinical features, laboratory diagnosis and prophylaxis of pulmonary tuberculosis. (2+5+3=10)

Short notes:

(6×5=30)

3. Latrogenic infections
4. Bacterial spore
5. Differential staining
6. Bacterial flagella
7. Taenia solium
8. Transport media

Answer briefly:

(10×3=30)

9. Laboratory diagnosis of HIV infection
10. Hepatitis C virus
11. Laboratory diagnosis of syphilis.
12. Opportunistic fungal infections.
13. Pernicious malaria
14. Vibrio cholera
15. Herpes simplex virus
16. Gas gangrene
17. Streptococcus pyogenes
18. Treatment and disposal of infectious waste.
