

Q.P. CODE: 105016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, September 2015

Microbiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Mention the various methods of moist heat sterilization. Describe the principle and functioning of steam jacketed autoclave. Name the articles sterilized by this method. What is sterilization control
(3+4+2+1=10)
2. What is bacteremia. Name two conditions where blood culture is done. Describe how you will collect blood for culture and transport it to the laboratory.
(1+2+7=10)

Short notes:

(6×5=30)

3. Laboratory diagnosis of acute pyogenic meningitis
4. Blood borne infections
5. Standard precautions
6. Urinary tract infection
7. Prophylaxis of rabies
8. Entamoeba histolytica

Answer briefly:

(10×3=30)

9. Antiseptics
10. Bacterial growth curve
11. Widal test
12. Staphylococcal infections
13. Hepatitis B vaccine
14. Active immunity
15. Transport media
16. Herpes zoster
17. Cryptococcus neoformans
18. Inclusion bodies
