

Q.P. CODE: 105016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, August 2014

Microbiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Name the organisms transmitted through blood and blood products. Name the mandatory screening tests before blood transfusion. Define needle stick injury and explain the steps to be taken when there is a needle stick injury is happen (2+4+1+3 = 10)
2. Describe the clinical features, laboratory diagnosis, and prophylaxis of pulmonary tuberculosis. (3+5+2 = 10)

Short notes:

(6×5=30)

3. Laboratory diagnosis of urinary tract infection
4. Autoclave
5. Chemical disinfectants
6. Infective endocarditis
7. Prophylaxis of tetanus
8. Plasmodium falciparum

Answer briefly:

(10×3=30)

9. Incineration
10. Bacterial spore
11. ASO test
12. Bacillary dysentery
13. Oral polio vaccine
14. Candida albicans
15. Name three RNA viruses and the diseases caused by them
16. Gram's staining
17. Selective media
18. Ascaris lumbricoides
