

Rajiv Gandhi University of Health Sciences, Karnataka

II Year Pharma-D Degree Examination – Feb / Mar 2012

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICAL MICROBIOLOGY

Q.P. CODE: 2857

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. With the help of a neat diagram explain the principle, construction, working and applications of large scale autoclave
2. Explain the different methods of evaluation of disinfectant
3. Explain the different methods for identification of bacteria

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain various methods of cultivation of virus
5. Explain ELISA test
6. Explain the different methods of maintenance of laboratory culture
7. Discuss Agglutination tests
8. Explain different types of special media
9. Write the causative organism, MOT and treatment of Tuberculosis
10. Discuss the different methods of Microbial assays of antibiotics
11. Explain serial dilution method and Micromanipulation technique for isolation of pure culture

SHORT ANSWERS

10 x 2 = 20 Marks

12. Immunity
13. Flagella
14. Immunoglobulin
15. Pharmaceutical applications of fungi
16. Roll tube method
17. Pleomorphism and involution
18. Vaccine
19. Biological indicators
20. Western blot test
21. Sterility testing of powers
