

QP CODE:202326

Reg.No:

Second Year Pharm D Degree Examinations - June 2016

Pharmaceutical Microbiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the different methods of isolation of pure culture.
2. What are disinfectants. Discuss phenol coefficient test in detail.
3. Define sterility test and explain different methods of sterility tests.

Short notes

(8x5=40)

4. Antigens and their properties.
5. Explain the principle and procedure of gram staining.
6. Mention the causative organism, symptoms, transmission and treatment for typhoid.
7. Various methods of validation of sterilization by moist heat.
8. Different methods of cultivation of virus.
9. Explain the ultra-structure of bacterial flagella with a neat diagram.
10. Schick test.
11. What is microbial sensitivity tests and how they are performed.
