

QP CODE: 202326

Reg.No:

Second Year Pharm D Degree Examinations July 2017

Pharmaceutical Microbiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Classify the bacteria with examples.
2. Explain the various staining techniques.
3. What are biological indicators. Explain their role in the sterility testing's of any three pharmaceutical products.

Short notes

(8x5=40)

4. Explain the factors affecting selection of a suitable disinfectant.
5. Define immunity, antigen and antibody.
6. Explain the significance of diagnostic tests.
7. Classify sterilization techniques.
8. Cholera.
9. Explain the significance of toxoids in active immunity.
10. What are the various growth media.
11. Differentiate between disinfection and sterilization.
