

QP CODE:202326

Reg.No:

Second Year Pharm D Degree Examinations - November 2013

Pharmaceutical Microbiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the principle, procedure and methods for sterility testing.
2. Explain types of antibodies, antigen and antibody reactions.
3. Classify culture media and explain the types with examples. Why agar is called an ideal solidifying agent

Short notes

(8x5=40)

4. Principle and procedure of starch hydrolysis test.
5. What are sterilization monitors. Explain its uses.
6. Explain Western blot test and mention its application.
7. Explain a method for determining MIC of anti microbial agent.
8. Morphology of fungi.
9. Classify disinfectants and explain its mode of action.
10. Causative organism, mode of transmission and diagnosis of syphilis.
11. Explain the important features of Rickettsiae.
