

QP CODE:202326

Reg.No:

Second Year Pharm D Degree Supplementary Examinations -
November 2015

Pharmaceutical Microbiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Define sterilization. Elaborate on the physical methods of sterilization like moist heat sterilization and radiation
2. Draw a neat labeled diagram of a bacterial cell. Describe the cytoplasmic membrane and mesosomes of the bacteria
3. Define and classify immunity. Differences between active and passive immunity

Short notes

(8x5=40)

4. Reproduction in fungi
5. Constituents of a simple media. Elaborate on transport and differential media with examples
6. Microbiological assay of penicillin
7. Evaluation of disinfectants
8. Explain the structure of an antibody. Add a note on IgA antibody
9. PCR and its application
10. Pathogenesis and lab diagnosis of HIV
11. Tests for sterility
