



MICRO-BIOLOGY - II

Systematic Bacteriology, Applied Microbiology and Immunology

Paper - I

Q.P. CODE: 9676

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

LONG ESSAY

2 X 20 = 40 Marks

1. Describe the etiology, pathogenesis and laboratory diagnosis of Escherichia coli diarrhea.
2. Define precipitation reaction. Discuss different types of precipitation reactions and their clinical applications.

SHORT ESSAY

(7+4+9)
6X10= 60 Marks

3. Laboratory diagnosis of Diphtheria.
4. MHC structure and role in antigen presentation.
5. Western blotting
6. Viral meningitis
7. Mixed lymphocyte culture
8. Bacterial vaginosis.