



Microbiology – II

**Paper – I (Systematic Bacteriology, Applied Microbiology and Immunology)
(Revised Scheme – 2)**

Q.P. CODE: 9816

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 Cholera. Add a note on its prophylaxis.
2. Enumerate Antigen-Antibody reactions. Explain in detail about mechanism and applications of precipitation reactions.

SHORT ESSAY

6 X 10 = 60 Marks

3. Laboratory diagnosis of Staphylococcal infections
4. Laboratory diagnosis of Diphtheria
5. Diarrheagenic Escherichia coli
6. Preparation and applications of Monoclonal antibodies
7. Enumerate Zoonotic infections. Explain the laboratory diagnosis of Zoonoses.
8. Polymerase Chain Reaction (PCR)

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