



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. Name the causative agent of Syphilis. Explain in detail about pathogenesis and laboratory diagnosis of Syphilis.
2. Define and classify immunity. Explain in detail about Acquired immunity.

SHORT ESSAY

6 X 10 = 60 Marks

3. Laboratory diagnosis of gonorrhea
4. Laboratory diagnosis of typhoid fever
5. Laboratory diagnosis of pulmonary tuberculosis
6. Type I hypersensitivity
7. Sample collection and laboratory diagnosis of Urinary tract infections
8. Antimicrobial sensitivity testing by Stokes method

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