

General Microbiology

M.M. : 90

Time : 3 Hours

*Note : Attempt all questions.
Use Separate Answer Sheet for Each Part.*

Part - I

1. Classify Streptococci. Enumerate the various toxins and enzymes produced by Streptococcus Pyogenes. [15]
2. Write short notes on:
 - a. Actinomycosis. [5]
 - b. Sterilization by moist heat. [5]
 - c. Enriched media. [5]
3. Write short notes on:
 - a. Bacterial Capsule. [5]
 - b. MOTT [Mycobacteria Other Than Tubercle] bacilli. [5]
 - c. Widal test. [5]

Part - II

4. List the Bacterial Flora of Mouth. Discuss the etiopathogenesis of dental caries. [15]
 5. Write short notes on:
 - a. Application of agglutination reaction. [5]
 - b. Enzyme Linked Immunosorbent Assay [ELISA] [5]
 - c. Rhinosporidiosis. [5]
 6. Write short notes on:
 - a. Cultivation of Viruses. [5]
 - b. Hepatitis C Virus [HCV] [5]
 - c. Amoebic Liver Abscess. [5]
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