

B.D.S.[2nd Prof.]
BF/2007/11

General Microbiology

M.M. : 90

Time : 3 Hours

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

Part - I

1. Classify Genus Mycobacterium. Outline the steps involved in the laboratory diagnosis of Pulmonary tuberculosis. [15]
2. **Write short notes on:**
 - a. Standard tests for Syphilis[STS] [5]
 - b. Filtration. [5]
 - c. Transport media. [5]
3. **Write short notes on:**
 - a. Bacterial growth curve. [5]
 - b. Tetanus prophylaxis. [5]
 - c. Virulence tests for Corynebacterium diphtheriae. [5]

Part - II

4. Enumerate the normal bacterial flora of the mouth. Discuss the bacteriological basis of dental caries. [15]
 5. **Write short notes on:**
 - a. Immunoglobulin M[IgM] [5]
 - b. Biological effects of complement. [5]
 - c. Dermatophytoses. [5]
 6. **Write short notes on:**
 - a. Hepatitis B virus infection in dental practice. [5]
 - b. Japanese B encephalitis. [5]
 - c. Life cycle of malarial parasite in man. [5]
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