

B.D.S.[2nd Prof.]

BF/2009/05

General Microbiology [Old Scheme]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions. Use labeled diagrams wherever needed.

USE SEPARATE ANSWER SHEET FOR EACH PART.

PART - I

1. Classify Mycobacteria. Discuss pathogenesis and lab. Diagnosis of Pulmonary tuberculosis. [15]
2. **Write short notes on:**
 - a. Autoclave. [5]
 - b. Bacterial flagella. [5]
 - c. Robert Koch. [5]
3. **Discuss briefly:**
 - a. Anaerobic culture methods. [5]
 - b. IgM. [5]
 - c. Staphylococcal food poisoning. [5]

PART - II

4. Describe the morphology, pathogenesis and lab. Diagnosis of HIV. [15]
5. **Write short notes on:**
 - a. Hepatitis C Virus. [5]
 - b. Cryptococcosis. [5]
 - c. Herpes Zoster. [5]
6. **Discuss:**
 - a. Role of Streptococcus in dental caries. [5]
 - b. Safe disposal of hospital waste. [5]
 - c. Life cycle of Taenia solium. [5]
