

**M.B.B.S. [2<sup>nd</sup> Prof.]**  
*BF/2008/05*

**Microbiology - A**

**M.M. : 40**

**Time : 3 Hours**

*Note : Attempt all questions.*

**USE SEPARATE ANSWER SHEET FOR EACH PART.**

**Part - I**

1. Write short notes on:
  - a. Capsule. [2]
  - b. Bacterial growth curve. [3]
  - c. Transport medium. [2]
2. Write briefly on:
  - a. Contribution of Louis Pasteur. [4]
  - b. Autoclave. [3]
3. Write short notes on:
  - a. Cytokines. [3]
  - b. Serum Sickness. [3]

**Part - II**

4. Name the causative agents of UTI. Discuss the laboratory diagnosis of UTI in detail. [8]
  5. Write short notes on:
    - a. Schick test. [3]
    - b. Clostridium difficile. [3]
  6. Write short notes on:
    - a. Koch's phenomenon. [3]
    - b. Kauffman white scheme. [3]
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