

**M.B.B.S. [2<sup>nd</sup> Prof.]**  
**BF/2007/05**

**Microbiology - A**

**M.M. : 40**

**Time : 3 Hours**

*Note : Attempt all questions.*

1. Name the causative agents of P.U.O. Discuss in detail lab diagnosis of enteric fever. [8]
  
  2. Write short notes on:
    - a. Spores. [2]
    - b. Oxidation-reduction potential. [2]
    - c. Indicator media. [3]
  
  3. Write briefly on:
    - a. Methods of Anaerobiasis. [4]
    - b. Sterilization by radiation. [3]
  
  4. Write short notes on:
    - a. Immunofluorescence. [3]
    - b. Major Histocompatibility Complex[MHC] [3]
  
  5. Write short notes on:
    - a. Standard tests for Syphilis. [3]
    - b. Nagler's reaction. [3]
  
  6. Write short notes on:
    - a. Prophylaxis of Diphtheria. [3]
    - b. Hospital acquired infections. [3]
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