

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

BF/2009/11

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. Transduction. [3]
 - b. Enrichment media. [2]

2. **Describe briefly the following:**
 - a. Subsets of T cells. [4]
 - b. Agglutination reaction. [4]

3. **Write briefly on:**
 - a. Cell wall of Gram negative bacteria. [3]
 - b. Anaerobic culture of bacteria. [4]

PART - II

4. Define Urinary tract infection. Describe the laboratory diagnosis of this condition. [2+8]

5. **Write short notes on:**
 - a. Culture of Mycobacterium tuberculosis. [2¹/₂]
 - b. Quellung reaction. [2¹/₂]

6. **Write short notes on:**
 - a. Weil-Felix reaction. [2¹/₂]
 - b. Chancroid. [2¹/₂]
