

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

BF/2015/11

Microbiology - A

M.M. : 40

Time : 3 Hours

Note : Attempt all questions.

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

1. What is ELISA? Discuss its various types in details. [8]
2. **Write in briefly:-**
 - a. Bacterial grow curve. [3]
 - b. Autoclave. [3]
3. **Describe briefly:-**
 - a. Monoclonal antibodies. [3]
 - b. Immune response. [3]

PART - II

4. Write the various aetiological agents responsible for causing urinary tract infections. What is significant bacteriuria. [8]
 5. **Discuss briefly:-**
 - a. Relapsing fever. [3]
 - b. Toxic shock syndrome. [3]
 6. **Write as short notes:-**
 - a. Gas gangrene. [3]
 - b. Widal test. [3]
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