

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

BF/2014/11

Microbiology - A

M.M. : 40

Time : 3 Hours

Note : Attempt all questions.

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

1. Discuss in detail alternate complement pathway and biological effects of complement. [8]
2. **Write in brief:-**
 - a. Bacterial spore. [3]
 - b. Drug resistance in bacteria. [3]
3. **Describe in brief:-**
 - a. Inspissation. [3]
 - b. Enriched media. [3]

PART - II

4. Enumerate the causes UTI and discuss the laboratory diagnosis of Escherichia coli. [8]
 5. **Discuss in short:-**
 - a. Gas gangrene. [3]
 - b. Lab diagnosis of pulmonary TB. [3]
 6. **Write in short:-**
 - a. Anthrax. [3]
 - b. Actinomycosis. [3]
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