

**Madhya Pradesh Medical Science University,
Jabalpur
MBBS Second Professional Examination 2021
Subject- Microbiology
Paper- I**

Time: 3:00 Hours

Maximum Marks: 50

- a) All questions are compulsory**
- b) Draw diagrams wherever necessary**
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.**
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means**

Q1. Long Answer questions

- a. Classify various methods of Sterilization with suitable examples. 10
- b. Describe the morphology, pathogenesis, laboratory diagnosis and prophylaxis of diphtheria. 10

Q2. Short Answer Questions

- a. Pathogenesis and laboratory diagnosis of Cholera 5
- b. Laboratory diagnosis of Syphilis. 5

- c. Bacterial Flagella 5
- d. Koch's postulates. 5

Q3. Very Short Answer Questions

- a. What is Nosocomial infection? 10
- b. Pili
- c. Define Mutation
- d. Catalase test
- e. Define Disinfectant
- f. Pneumococcal vaccine
- g. Rat bite fever
- h. BCG vaccines
- i. Transposon
- j. anthrecooid bacilli.

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