



**MBBS 2<sup>nd</sup> PROFESSIONAL EXAMINATION, 2020**

**MICROBIOLOGY**

**PAPER I**

**Time Allowed: Three Hours**

**Maximum Marks- 40**

**Note:-** Attempt all questions in serial order. All parts of a question should be answered together.  
Figures in parenthesis indicate marks allotted to a question.

- Q1. Write briefly about vapour phase disinfectants. (5)
- Q2. Define Plasmids. Describe the transmission of plasmids among bacteria along with their application in drug resistance. (5)
- Q3. What is the principle of ELISA? Discuss types of ELISA reactions. (5)
- Q4. Classify non-tuberculous mycobacteria and write briefly about skin lesion causing non-tuberculous mycobacteria. (5)
- Q5. Enumerate Arboviruses. Describe Lab diagnosis of Dengue fever. (5)
- Q6. Write in brief about Opportunistic Mycosis. (5)
- Q7. Discuss post Kala-agar dermal Leishmaniasis. (5)
- Q8. Enumerate various organisms causing meningitis. Discuss the lab diagnosis of acute Pyogenic Meningitis. (5)

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