

**QP Code:102109**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Microbiology (MD)  
January 2024**

**Paper II - Bacteriology and Mycology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Define and classify Fever of Unknown Origin (FUO). Discuss the pathogenesis, clinical manifestations and laboratory diagnosis of leptospirosis

**Short essays:**

**(8x10=80)**

2. Discuss the laboratory diagnosis of nocardiosis.
3. Streptococcus agalactiae
4. Diarrhoeagenic Escherichia coli
5. Discuss antifungal susceptibility testing
6. Discuss pathogenesis, laboratory diagnosis of scrub typhus
7. Immune response to fungal infections
8. Diagnostic approach to identification of yeasts
9. Chromoblastomycosis

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