



21MBL3C10L

M.Sc. III Semester Degree Examination, April/May - 2023

MICROBIOLOGY

DSC 10 : Medical Microbiology

(CBCS)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with Question No. **1** is **compulsory**. Each question carries **equal** marks.

1. What is infectious disease ? Explain mode of transmission of infections. **14**
2. Describe the epidemiology, pathogenesis, symptoms, diagnosis, treatment of *Salmonella typhi*. **14**
3. Explain pathogenesis, symptoms, diagnosis, treatment of orthomyxo viruses. **14**
4. Write a brief note on :
 - (a) Cryptococcosis **5**
 - (b) Life cycle of *Leishmania donovani* **4**
 - (c) Histoplasmosis **5**
5. Explain the Morphology, life cycle and pathogenesis of *Plasmodium vivax*. **14**
6. Write a short note on :
 - (a) *Vibrio cholera* **5**
 - (b) Pathogenesis of *E. coli* O1157 : H7 **5**
 - (c) Mycoses **4**
7. Describe pathogenicity, clinical diagnosis and treatment of *Mycobacterium tuberculosis*. **14**
8. Write a brief note on :
 - (a) Diagnosis of Dengue fever **7**
 - (b) Vector borne diseases **7**

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