

FACULTY OF SCIENCE

B.Sc. (CBCS) II-Year (IV-Semester) Regular & Backlog Examinations, June/July-2023

Microbiology-IV

(Medical Microbiology and Immunology)

Time: 3 Hours

Max Marks: 80

SECTION-A

(4x5=20 Marks)

Answer any Four questions from the following

1. Bacterial toxins.
2. Entamoeba histolytica.
3. Macrophage.
4. Neutralization.
5. Nosocomial infection.
6. Dengue fever.

SECTION-B

(4x15=60 Marks)

Answer all the following questions

7. (a) Give an account on Normal flora of human body.
(OR)
(b) Write a detailed note on Tuberculosis.
8. (a) Explain the morphology, transmission and pathogenesis of Malaria.
(OR)
(b) Write a note on structure, pathogenesis and lab diagnosis of HIV.
9. (a) Give an account on Secondary Organs of Immune System.
(OR)
(b) Write about the types of Immunity.
10. (a) Write the labelled antibody based techniques (ELISA, RIA).
(OR)
(b) Write a note on Systemic and localized autoimmune disorders.