

**APRIL 2024**

**57159/416C2A**

---

Time : Three hours

Maximum : 75 marks

**PART A — (10 × 1 = 10 marks)**

Answer any TEN questions, each in 50 words.

1. Normal flora.
2. Specimens.
3. Nosocomial infection.
4. TB.
5. Pathogenesis.
6. Zoonotic infection.
7. Dermatophytes.
8. Mycotoxins.
9. Mycetoma.
10. Gilchrist's disease.
11. Cryptococcal meningitis.
12. MIC.

**PART B — (5 × 5 = 25 marks)**

Answer any FIVE questions, each in 200 words.

13. Write briefly on the maintenance of laboratory Mice.
14. Write briefly on pelvic inflammatory disease.
15. Write short note on morphology of *Mycoplasma pneumoniae*.
16. Give an account on superficial mycoses.
17. Write short notes on the diagnosis methods of Eumycotic mycetoma infection.
18. Explain the pathogenesis of Tuberculosis.
19. Write briefly about the virulence factors of *Clostridium perfringens*.

**PART C — (4 × 10 = 40 marks)**

Answer any FOUR questions, each in 500 words.

20. Write in detail about the collection of biological specimen.
21. Discuss in detail about the epidemiology and pathogenesis of *Streptococcus pyogenes*.

22. Explain the classification of Nosocomial infection.
  23. Discuss in detail about Antifungal agents.
  24. Write in detail about the classification of Opportunistic fungi.
  25. Write in detail about the physiology, handling and laboratory use of rabbit.
-