

QP CODE: 402012

Reg. No:.....

**Final Year B.Sc MLT Degree Regular/Supplementary Examinations
April 2024
Mycology, Virology & Applied Microbiology**

Time: 3 Hours

Total 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

(2x10=20)

1. Explain in detail the various steps in Polymerase Chain Reaction. What are the various modifications of PCR. (5+5)
2. Name the viruses causing hepatitis. Describe the morphology of Hepatitis B virus and laboratory diagnosis of Hepatitis (3+3+4)

Short notes

(10x5=50)

3. Mycotic poisoning
4. Embryonated chick egg
5. Cryptococcosis.
6. Human Corona viruses
7. Southern blotting
8. Fungal Mycetoma.
9. Viral replication
10. Encephalitis causing viruses
11. Varicella zoster virus
12. Post-operative wound infection

Answer briefly

(10x3=30)

13. Sabourauds Dextrose Agar
14. Dermatophytes
15. Bacteriology of water
16. Prevention of drug resistance
17. Rose Gardener's Disease.
18. ROTA virus
19. Candidiasis
20. Sterility testing in operation theatres
21. Post exposure prophylaxis in rabies
22. Epstein Barr virus
