

QP CODE: 402012

Reg No:.....

**Final Year B.Sc MLT Degree Regular/Supplementary Examinations
March 2021**

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. Name four water borne pathogens. Describe in detail the collection transport and processing of water sample. (2+8)
2. Name four opportunistic fungi. Describe in detail the laboratory diagnosis of any one of them. (2+8)

Short notes

(10x5=50)

3. Histoplasmosis
4. Dermatophytes
5. Herpes simplex virus
6. Influenza virus.
7. Laboratory diagnosis of HBV infection.
8. Serological tests for the diagnosis of fungal infections.
9. Zygomycetes
10. Microbiological monitoring of operation theatre
11. Viral neutralization tests
12. Catheter associated urinary tract infections.

Answer briefly

(10x3=30)

13. Lacto phenol cotton blue
14. Aspergillus
15. Diploid cell culture.
16. Nipah virus
17. Northern blotting
18. Chrome agar
19. Yolk sac inoculation
20. Milk ring test
21. C-reactive protein.
22. Name six meningitis causing bacteria.
