

QP CODE: 402012

Reg No:.....

**Final Year B.Sc MLT Degree Regular/Supplementary Examinations
September 2019**

Mycology, Virology & Applied Microbiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Name four oncogenic viruses. Describe in detail the laboratory diagnosis and prophylaxis of any one of them. (2+8)
2. Name Four Viral Zoonotic Diseases. Describe The Pathogenesis ,Laboratory Diagnosis, And Prophylaxis Of Any One Of Them. (2+8)

Short notes

(10x5=50)

3. Non albicans Candida.
4. Sporotrichosis
5. Dermatophytosis
6. Antifungal susceptibility testing.
7. Serological markers for HBV infection
8. Primary cell culture
9. Collection and transport of faeces and rectal swabs for viral culture
10. Polio virus
11. Viral hemorrhagic fever
12. Catheter associated urinary tract infection

Answer briefly

(10x3=30)

13. Piedra.
14. Histoplasma
15. Presumptive coliform count
16. Whey agglutination test
17. Collection and processing of frozen foods
18. Air sampling methods
19. Western blotting
20. Name six bacteria causing food poisoning
21. Chemiluminescence linked immunoassay
22. Latex agglutination tests
