

QP CODE: 402012

Reg No:.....

Final Year B.Sc MLT Degree Supplementary Examinations, April 2016

MYCOLOGY, VIROLOGY & APPLIED MICROBIOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Name the different blotting techniques. Explain in detail about any one of them. (2+8=10)
2. Name the arbo viruses prevalent in Kerala. Describe in detail the laboratory diagnosis of any one of them. (2+8=10)

Short notes

(10x5=50)

3. Dermatophytes
4. Laboratory diagnosis of cryptococcal infections
5. Fungal culture media
6. Animals used in virology.
7. Viral inclusion bodies
8. Immunofluorescence in virology.
9. H₁N₁
10. Laboratory diagnosis of HIV infection
11. Isolation of water borne pathogens.
12. Operation theatre sampling.

Answer briefly

(10x3=30)

13. Diarrhea causing viruses .
14. Application of electron microscope
15. Primary cell culture.
16. Name six RNA viruses
17. *Sporothrix schenckii*
18. Mycotoxins.
19. *Nocardia*
20. Membrane filtration methods
21. Turbidity testing.
22. Application of PCR
