

**QP CODE: 402012**

**Reg No:.....**

**Final Year B.Sc MLT Degree Examinations September 2018**

**Mycology, Virology & Applied Microbiology**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(2x10=20)**

1. Name four food borne bacterial diseases. Describe in detail the laboratory diagnosis of any one of them. (2+8)
2. Name four Picorna viruses. Describe in detail the laboratory diagnosis of any one of them. (2+8)

**Short notes**

**(10x5=50)**

3. Cryptococcosis
4. Superficial mycosis
5. Diarrheagenic viruses
6. Hepatitis C virus.
7. Special stains for fungus.
8. Oncogenic viruses.
9. Sporothrix schenckii
10. Presumptive coliform count
11. Haemagglutination inhibition test
12. Ventilator associated pneumonia.

**Answer briefly**

**(10x3=30)**

13. Calcoflour white stain
14. Rhizopus
15. Primary cell culture.
16. Avian flue
17. Southern blotting
18. Corn meal agar.
19. Chorioallantoic membrane inoculation
20. Turbidity test
21. Latex agglutination test.
22. Name six encephalitis causing virus.

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