

QP CODE: 402012

Reg No:.....

Final Year B.Sc MLT Degree Supplementary Examinations, April 2015

MYCOLOGY, VIROLOGY & APPLIED MICROBIOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Enumerate the arbo viruses prevalent in Kerala. Describe in detail the specimen collection, laboratory diagnosis of dengue haemorrhagic fever (2+2+6=10)
2. Enumerate the organisms causing water borne diseases. Explain in detail the sample collection and tests for water quality (bacteriological test) (2+2+6=10)

Short notes

(10x5=50)

3. Hepatitis C virus
4. Immunofluorescence
5. Paul Bunnell test
6. Animal inoculation
7. Mycetoma
8. Fungal stains
9. H1N1
10. Recombinant vaccine
11. Laboratory diagnosis of polio
12. Anti nuclear antibody tests

Answer briefly

(10x3=30)

13. Haemadsorption
14. Rota virus
15. Viral inclusion bodies.
16. Restriction fragment length polymorphism
17. Intravascular catheter associated infection
18. Methylene blue reduction test
19. Preservation methods of fungus
20. Cryptococcus
21. Mycotoxins
22. Histoplasma
