

QP CODE: 402012

Reg No:.....

Final Year B.Sc MLT Degree Examinations, September 2016

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 pathogens. Describe in detail the collection and processing of food sample. (2+8=10)
2. Name the viruses transmitted through blood. Describe in detail the laboratory diagnosis of any one of them. (2+8=10)

Short notes

(10x5=50)

3. Laboratory diagnosis of deep mycosis
4. Laboratory diagnosis of candida infections
5. Fungal stains
6. Detection of growth in cell culture.
7. Cytological diagnostic methods in virology.
8. Haemagglutination inhibition tests.
9. Varicella zoster
10. SARS
11. Presumptive coliform count.
12. Epidemiological markers in bacterial infections.

Answer briefly

(10x3=30)

13. KFD .
14. Paul bunnell test
15. Infant suckling mice.
16. Name six enveloped viruses
17. Pencillium
18. Rhinosporidium.
19. Animals used in mycology
20. Milk ring test
21. Isolation of enterococci from water sample.
22. Restriction fragment length polymorphism
