

QP CODE: 402012

Reg No:.....

Final Year B.Sc MLT Degree Supplementary Examinations February 2017

MYCOLOGY, VIROLOGY & APPLIED MICROBIOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Name four microbes causing urinary tract infection. Describe in detail the methods of collection and processing of urine for culture. (2+8)
2. Name four air borne pathogens. Describe the laboratory diagnosis of hospital acquired pneumonia. (2+8)

Short notes

(10x5=50)

3. Morphological classification of fungi with examples for each.
4. Dermatophytes.
5. Fungal culture media.
6. Cell culture.
7. Paul Bunnell test.
8. Laboratory diagnosis of HIV infection.
9. Dengue viruses.
10. Viral vaccines.
11. PCR and its applications.
12. Sterility tests in operation theatre.

Answer briefly

(10x3=30)

13. Germ tube test.
14. What is interference.
15. Immunofluorescence.
16. Western blotting.
17. Milk ring test.
18. Penicillium.
19. Japanese encephalitis.
20. Lacto phenol cotton blue stain.
21. Morphology of rabies virus.
22. Food poisoning.
