

Third Year B.Sc MLT Degree Examinations, November 2015

BACTERIOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Classify mycobacteria. Describe the laboratory diagnosis of pulmonary tuberculosis. (2+8=10)
2. Enumerate the etiological agents of dysentery. Discuss in detail the laboratory diagnosis of bacillary dysentery. (2+8=10)

Short notes

(10x5=50)

3. Antibiotic sensitivity tests by disc diffusion method
4. Differentiate between streptococcus pneumoniae and streptococcus viridans
5. Bound coagulase
6. Laboratory diagnosis of anaerobes
7. Widal test
8. Significant bacteriuria
9. Differences between classical and eITor vibrios
10. Enterococcus faecalis
11. Laboratory diagnosis of pneumonic plague
12. Acinetobacter

Answer briefly

(10x3=30)

13. Transport media for enteric bacilli
14. LGV (Lympho granuloma venereum)
15. Castaneda's medium
16. TPHA test
17. Cold agglutination test
18. Oxidase test
19. ETEC
20. Preparation and storage of antibiotic discs
21. CAMP test
22. Satellitism