

Third Year B.Sc MLT Degree Supplementary Examinations, May 2014

BACTERIOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Classify the antibiotic sensitivity testing methods. Explain in detail the various methods
(2+8=10)
2. Name four common bacteria causing dysentery. Discuss in detail the laboratory diagnosis of dysentery.
(2+8=10)

Short notes

(10x5=50)

3. Laboratory diagnosis of plague
4. Pneumococci
5. Collection, transport and processing of blood for blood culture
6. Laboratory diagnosis of gas gangrene
7. Group B streptococci
8. Neisseria gonorrhoeae
9. Laboratory diagnosis of pulmonary tuberculosis
10. Pseudomonas
11. Identification tests for staphylococcus aureus.
12. Non sporing anaerobes.

Answer briefly

(10x3=30)

13. Q fever
14. Media for CSF culture
15. Aeromonas
16. Clot culture
17. Quantitative urine culture methods
18. Rapid plasma reagin test (RPR)
19. Laboratory diagnosis of rheumatic fever
20. Pasteurella
21. Relapsing fever
22. Satellitism