

Third Year B.Sc MLT Degree Supplementary Examinations May 2018

BACTERIOLOGY

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Name the bacteria causing tuberculosis in man. Explain in detail the method of sample collection and laboratory diagnosis of tuberculosis. (2+8)
2. Name four bacteria causing food poisoning. Explain how stool sample is transported and processed in the laboratory for the isolation and identification of pathogen in case of food poisoning due to any two of the above causative agents. (2+8)

Short notes

(10x5=50)

3. Laboratory diagnosis of brucellosis
4. Pathogenicity of staphylococcus
5. Widal test
6. Scrub typhus
7. Laboratory diagnosis of tetanus
8. Helicobacter pylori
9. Stokes method of sensitivity testing
10. Laboratory diagnosis of meningococcal meningitis
11. Mycoplasma pneumoniae
12. Rheumatic fever – role of streptococci

Answer briefly

(10x3=30)

13. Weil Felix test
14. Selective media for throat swab in diphtheria
15. Legionnaires disease
16. Grouping of streptococci
17. Satellitism
18. Epidemic typhus
19. Reverse CAMP test
20. Bacillus cereus
21. Vibrio vulnificus
22. Microscopy for lepra bacilli