

Third Year B.Sc MLT Degree Supplementary Examinations
September 2024
Bacteriology

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay**(2x10=20)**

1. Enumerate the important toxins and enzymes of Streptococcus. Write in detail the laboratory diagnosis of Group A Streptococcus (2+2+6)
2. List the organisms causing watery diarrhoea. Describe in detail the Laboratory diagnosis of cholera (2+8)

Short notes**(10x5=50)**

3. Laboratory diagnosis of meningococcal meningitis
4. Prophylaxis of Diphtheria
5. Nagler reaction
6. RNTCP
7. Laboratory diagnosis of Listeriosis
8. Toxigenic Escherichia coli
9. Coagulase Negative Staphylococcus
10. Disc diffusion method of ABST
11. Laboratory diagnosis of LYME disease
12. Scrub typhus

Answer briefly**(10x3=30)**

13. Pigment producing bacteria
14. Bile solubility test
15. Pseudomembranous colitis
16. MRSA
17. Gardnerella vaginalis
18. Biological false positive reaction
19. Selective media for Salmonella
20. Milk ring test
21. Media for cultivation of Leptospira
22. Urea breath test
