

**Third Year B.Sc MLT Degree Supplementary Examinations April
(November), 2020
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. Name four bacteria causing UTI. Discuss in detail the laboratory diagnosis of UTI.
(sample collection, transport and processing of specimens) (2+8)
2. Enumerate four bacteria causing skin infections. Discuss the sample collection, transport and processing for laboratory diagnosis of skin infections. (2+8)

Short notes

(10x5=50)

3. Campylobacter.
4. Laboratory diagnosis of cholera.
5. Q fever.
6. Chancroid.
7. Selective media for corynebacterium
8. Laboratory diagnosis of gas gangrene.
9. Streptococcus pyogenes
10. Shigella
11. Laboratory diagnosis of enteric fever
12. Newer methods in tuberculosis diagnosis

Answer briefly

(10x3=30)

13. MIC.
14. Collection and transport of CSF.
15. Processing of pleural fluid.
16. FTA-ABS (Fluorescent Treponemal antibody test)
17. Weil felix test.
18. Relapsing fever
19. Enterococcus
20. Listeria
21. Aminoglycosides
22. Quality control in sensitivity testing
