

QP Code: 311019

Reg. No.....

**Third Year B.Sc. Medical Microbiology Regular/Supplementary
Examinations February 2025
Systematic Bacteriology
(2016 Scheme)**

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

(2x15=30)

1. Classify Staphylococci. Describe the pathogenesis, clinical features, lab diagnosis and treatment of Abscess
2. Describe the pathogenesis, clinical features and lab diagnosis of Tetanus

Short Essay

(2x10=20)

3. Describe the pathogenesis and lab diagnosis of UTI
4. Describe the pathogenesis and lab diagnosis of Rheumatic Fever

Short Answers

(6x5=30)

5. Atypical Mycobacteria
6. Toxic Shock Syndrome Toxin
7. Anaerobic Gram-negative Bacilli
8. Scrub Typhus
9. Food poisoning
10. Lymphogranuloma venereum

Comment on

(10x2=20)

11. Clostridium difficile
12. Vincent's angina
13. Quellung reaction
14. Yersinia pestis
15. Latent Syphilis
16. Helicobacter pylori
17. Streptococcus agalactiae
18. Volutin granules
19. Haemophilus ducreyi
20. Bacteroides fragilis
