

QP Code: 311019

Reg. No.....

**Third Year B.Sc. Medical Microbiology Regular/Supplementary
Examinations February 2026
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. What is the causative agent of enteric fever. Describe the pathogenesis, clinical manifestations and lab diagnosis of enteric fever
2. What is the causative agent of gonorrhoea. Describe the morphology, pathogenesis and lab diagnosis of gonorrhoea

Short Essay

(2x10=20)

3. Lab diagnosis and prophylaxis of pneumococcal pneumonia
4. Pathogenesis and lab diagnosis of actinomycosis

Short Answers

(6x5=30)

5. Bacillus anthracis
6. Pathogenesis and prophylaxis of tetanus
7. Antibiotic resistant conditions of Staphylococcus aureus
8. Leptospira interrogans
9. Lab diagnosis of whooping cough
10. Pathogenesis and lab diagnosis of actinomycosis

Comment on

(10x2=20)

11. Elementary body of Chlamydia
12. Cold agglutination test
13. Mycoplasmal pneumonia
14. Weil's disease
15. Enteropathogenic E coli
16. Nagler's reaction
17. Borrelia recurrentis
18. Scrub typhus
19. Morula
20. Tuberculoid leprosy

CORRECTION / NO-CORRECTION FILE
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QPCODE: 311019

Dated: 23-02-2026

Question No.10

Replaced with "Lab diagnosis and prophylaxis of tuberculosis."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS