

QP Code: 311019

Reg. No.....

Third Year B.Sc. Medical Microbiology Supplementary Examinations

October 2022

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 syphilis. Describe the pathogenesis, clinical features and lab diagnosis of syphilis.
2. Describe the pathogenesis, clinical features and lab diagnosis of typhoid fever

Short Essay

(2x10=20)

3. Describe the pathogenesis and lab diagnosis of gonorrhea
4. Describe the pathogenesis and lab diagnosis of tetanus

Short Answers

(6x5=30)

5. Mycoplasma hominis
6. Lab diagnosis of leptospirosis
7. Atypical mycobacteria
8. Lab diagnosis of pulmonary tuberculosis
9. Urinary tract infection by E coli
10. Lab diagnosis of anaerobic infection

Comment on

(10x2=20)

11. Coagulase test
12. Actinomycosis
13. Listeria monocytogenes
14. Acinetobacter
15. Scrub typhus
16. Quellung reaction
17. Chlamydia trachomatis
18. Bacillus cereus food poisoning
19. Lymphogranuloma venerum
20. Yersiniosis
