

**Third Year B.Sc. Medical Microbiology Regular/Supplementary
Examinations April 2022
Systematic Bacteriology
(2014 Scheme)**

Time: 3 Hours

Max. 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. Enumerate aetiological agents of gas gangrene. Describe in detail pathogenesis and laboratory diagnosis of gas gangrene
2. Discuss in detail pathogenesis and laboratory diagnosis of gonorrhoea.

Short Essay

(2x10=20)

3. Laboratory diagnosis of Enteric fever
4. Laboratory diagnosis of diphtheria

Short Answers

(6x5=30)

5. Cutaneous Anthrax
6. Laboratory diagnosis of Tuberculosis
7. Relapsing fever
8. Halophilic vibrios
9. Plague
10. Weil' s disease

Comment on

(10x2=20)

11. CAMP test
12. Pseudomonas aeruginosa
13. Clostridium tetani
14. Helicobacter pylori
15. Enterococcus faecalis
16. Oxidase test
17. DPT vaccine
18. Borrelia burgdorferi
19. MRSA
20. Quellung reaction
