

QP Code: 311019

Reg. No.....

Third Year B.Sc. Medical Microbiology Supplementary Examinations

October 2021

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. Describe the aetiology, pathogenesis, clinical features and laboratory diagnosis of enteric fever.
2. Explain the pathogenesis, clinical features and laboratory diagnosis of mycobacterium tuberculosis.

Short Essay

(2x10=20)

3. List the diseases caused by clostridia in humans. Explain the laboratory diagnosis of clostridium tetani.
4. Describe the pathogenesis and laboratory diagnosis of meningococcal meningitis

Short Answers

(6x5=30)

5. Scrub typhus
6. Halophilic vibrios
7. Laboratory diagnosis of pneumococcus
8. Coagulase negative staphylococcus
9. Lyme disease
10. VDRL test

Comment on

(10x2=20)

11. *Listeria monocytogenes*
12. Pigment producing bacteria
13. CAMP test
14. Babes-Ernst Granules
15. *Helicobacter pylori*
16. Actinomycotic mycetoma
17. Lymphogranuloma venereum
18. MRSA
19. Swimming pool granuloma
20. Elek's gel precipitation test.
