

**D 50668**

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Name.....

Reg. No.....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018**

(CUCBCSS—UG)

Microbiology

MBY 5B 12—MEDICAL MICROBIOLOGY—I

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all questions.*

1. Name the infection acquired from hospitals.
2. Epidemics occurring in animals are called \_\_\_\_\_.
3. Name the route of infection of enteric fever.
4. Expand TSS.
5. The characteristic pearl like lesion in pulmonary TB is known as \_\_\_\_\_.
6. Name the in vitro gel precipitation test to identify toxigenic diphtheria bacilli.
7. Which bacterium causes wool sorters' disease ?
8. Expand PPLO.
9. The clinical manifestation of leptospirosis is known as \_\_\_\_\_ disease.
10. Name a mite borne rickettsial disease.
11. Expand LGV.
12. What is the scientific name of the etiological agent of plague ?

(12 × ½ = 6 marks)

**Part B**

*Answer all questions.*

Comment on the following :

13. ID 50 and LD 50.
14. Exotoxins.
15. Urease test.

**Turn over**

16. Trachoma.
17. VDRL.
18. Bacillary dysentery.
19. Bacteremia and septicemia.
20. Botulism.
21. Endogenous infection.
22. Coagulase.

(10 × 2 = 20 marks)

### Part C

*Answer any six questions.*

Write briefly on :

23. Cholera.
24. Diphtheria.
25. Gonorrhoea.
26. Factors affecting virulence.
27. Biochemical reactions of *E. coli*.
28. Plague.
29. Human anthrax.
30. Carriers.

(6 × 5 = 30 marks)

### Part D

*Answer any two questions.*

31. Describe the types of infections and methods of transmission with suitable examples.
32. Discuss rickettsial diseases in detail.
33. Describe pathogenesis and laboratory diagnosis of syphilis.

(2 × 12 = 24 marks)