



**K21U 4556**

Reg. No. : .....

Name : .....

**V Semester B.Sc. Degree (CBCSS) (OBE) Regular  
Examination, November 2021  
(2019 Admn. Only)  
Core Course in Microbiology  
5B08MCB : BACTERIAL DISEASES**

Time : 3 Hours

Max. Marks : 40

**PART – A  
(Short Answer)**

Answer **all** the questions.

**(6×1=6)**

1. Define Nosocomial infection.
2. Define Endemic diseases.
3. LD 50.
4. Montoux test.
5. Bacteremia.
6. Define Infectivity.

**PART – B  
(Short Essay)**

Answer **any 6** questions.

**(6×2=12)**

7. Methods involved in the transmission of diseases.
8. Wasserman reaction.
9. Epidemiology of *Streptococcus pyogenes*.
10. Rheumatic fever.

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11. Characteristics of *Streptococcus Pneumoniae*.
12. Classification of *Clostridium*.
13. Litmus milk reaction.
14. Biotypes of *Cornybacterium*.

**PART – C  
(Essay)**

Answer **any 4** questions.

**(4×3=12)**

15. Widal test.
16. Pathogenesis of *Vibrio cholera*.
17. Clinical features of syphilis.
18. Virulence factors of *Staphylococcus aureus*.
19. General characteristics of *Hemophilus influenza*.
20. Classification of *Escherichia coli*.

**PART – D  
(Long Essay)**

Answer **any 2** questions.

**(2×5=10)**

21. Clinical features and Lab diagnosis of *Mycobacterium Tuberculosis*.
  22. General characteristics, biochemical characteristics and pathogenesis of *Bordetella pertusis*.
  23. Rickettsial diseases and its clinical features, diagnosis and treatment.
  24. Pathogenesis and Lab diagnosis of *Neisseria gonorrhoea*.
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