



K21U 1539

Reg. No. :

Name :

V Semester B.Sc. Degree (CBCSS – Sup./Imp.)
Examination, November 2021
(2015-'18 Admns)
CORE COURSE IN MICROBIOLOGY
5B08 MCB : Bacterial Diseases

Time : 3 Hours

Max. Marks : 40

SECTION – A

(Each carries 1 mark. Answer all the four questions.)

1. The vector of Lyme disease is _____
2. The bacterium having the characteristic morphology of Chinese letter arrangement is _____
3. Which antibodies are detected in ASO test widely used for *Streptococcus pyogenes* infections ?
4. Venkatraman Ramakrishnan medium is used to transport _____ (4×1=4)

SECTION – B

(Each carries 2 marks. Answer very briefly on any seven questions out of ten.)

5. Beta hemolysis
6. Castenada method
7. Mantoux test
8. TCBS agar
9. Quellung reaction
10. Gonococcal ophthalmia
11. Morphology of *Corynebacterium diphtheriae*

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12. Pertussis toxin
13. Non lactose fermenters
14. Satellitism.

(7×2=14)

SECTION – C

(Each carries 3 marks. Answer any four questions out of six.)

15. Describe Widal tube test.
16. Symptoms of leptospirosis
17. Lepromatous leprosy
18. Clinical features of relapsing fever
19. Anthrax toxin
20. ETEC.

(4×3=12)

SECTION – D

(Each carries 5 marks. Answer any two questions out of four.)

21. Pathogenesis and laboratory diagnosis of tuberculosis.
22. Describe the pathogenicity and prophylactic measures of whooping cough.
23. Describe different types of bacterial meningitis.
24. Describe the pathogenicity of *Staphylococcus aureus*.

(2×5=10)