



K22U 1968

Reg. No. :

Name :

**V Semester B.Sc. Degree (CBCSS – Supplementary)
Examination, November 2022
(2016 – 18 Admissions)
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 causative agent of epidemic typhus fever is
2. Medusa head appearance of colony is a characteristic feature of
3. A greenish discoloration and partial hemolysis of the red blood cells immediately surrounding colonies on blood agar indicates that the organism is
4. Which type of plague is the most serious form of the disease and can be spread from person to person ? **(4×1=4)**

SECTION – B

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

5. Impetigo
6. Tetanospasmin
7. DPT
8. Lepromin test
9. Tubercle
10. Streptolysin O

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11. String test for cholera
12. Differentiate between biotypes and serotypes.
13. Robertson's cooked meat medium.
14. Inclusion conjunctivitis.

(7×2=14)

SECTION – C

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

15. Describe the different clinical forms of human anthrax.
16. Coagulase test.
17. Clinical manifestations of Weil's disease.
18. Post streptococcal nonsuppurative sequelae.
19. Discuss the different clinical forms of plague in human beings.
20. Bacillary dysentery.

(4×3=12)

SECTION – D

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

21. Discuss the pathogenesis and laboratory diagnosis of typhoid.
22. Describe the pathogenicity of *Clostridium perfringens*.
23. Describe different types of bacterial meningitis.
24. Describe pathogenicity and laboratory diagnosis of diphtheria.

(2×5=10)
