

D 32378

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Name.....

Reg. No.....

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

Microbiology

MBG 1B 01—GENERAL MICROBIOLOGY

(2019—2022 Admissions)

Time : Two Hours

Maximum : 60 Marks

Part A (Short Answer Type Questions)*Answer all questions.**Each question carries 2 marks.**Maximum 20 marks.*

1. Write on contributions of Joseph Lister.
2. What is meant by peritrichous flagella ?
3. Intrinsic proteins.
4. What is Incineration ?
5. Mesosomes.
6. Capsid.
7. Define sterilization.
8. What are the uses of membrane filter.
9. What is the function of a mordant ?
10. What is cold sterilization?
11. State biogenesis.
12. Acid fastness.

Part B (Paragraph Type Questions)*Answer all questions.**5 marks each.**Maximum 30 marks.*

13. Archaeobacteria.
14. Bright field microscopy.

Turn over

15. Autoclaving.
16. Cell wall of gram-negative bacteria.
17. Structure and formation of endospore.
18. Contributions of Robert Koch.
19. Arrangement of bacterial cell.

Part C (Essay Type)

*Answer any **one** questions.*

10 marks.

20. Write on various physical methods of sterilization.
21. Explain electron microscopy and its types with neat labelled diagram.

(1 × 10 = 10 marks)