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Reg. No.

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V Semester B.Sc.(CBCS) Degree Examination, March - 2021

MICROBIOLOGY

Agricultural and Environmental Microbiology

Paper : V

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

- 1) Answer **all** the Sections.
- 2) Draw **diagrams** wherever necessary.

SECTION - A**I.** Write brief notes on the following.**(5×2=10)**

1. Ammonification.
2. Bacteroid.
3. Bt Toxin.
4. Chlorination.
5. NPV

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6. Explain the factors affecting Air-microflora.
7. Write the biological indicators of water pollution.
8. Give an account of bioleaching of copper.
9. Give an account of application of bio-fertilizers.
10. Write a note on Anderson's sampler.

SECTION - C**III.** Answer any **Three** of the following.**(3×10=30)**

11. Write the water Quality Tests.
12. Describe microbial interactions with suitable examples.

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13. Write the bio-degradation of cellulose and pesticides.
14. Write the significance of air-borne microbes.
15. Explain The production and method of application of Rhizobium biofertilizer.

SECTION - D

IV. Answer in One word or sentence.

(10×1=10)

16. Flavonoids.
17. IAA
18. Eutrophication.
19. Phylloplane.
20. Patch test.
21. Zoonotic Diseases.
22. Rapid Sand Filters.
23. Flocculation.
24. Sandal Spike.
25. Leghaemoglobin.

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