



K22U 0424

Reg. No. :

Name :

**VI Semester B.Sc. Degree (CBCSS – OBE – Regular) Examination, April 2022
(2019 Admission)**

CORE COURSE IN MICROBIOLOGY

6B15MCB : Agricultural Microbiology and Plant Pathology

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer **all** the questions.

(6×1=6)

1. Name the Fungi used as biofungicide.
2. Expand VAM.
3. Frankia.
4. Citrus canker.
5. NPV.
6. PGPRs.

**PART – B
(Short Essay)**

Answer **any 6** questions.

(6×2=12)

7. Xanthomonas compastris.
8. Phylloplane.
9. Amensalism.
10. Wilting.

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11. Morphological Resistance.
12. Nematophagus Fungi.
13. Azolla-anabaena.
14. Predation.

**PART – C
(Essay)**

Answer **any 4** questions.

(4×3=12)

15. Rhizosphere effect.
16. Classification of Mycorrhizae.
17. Advantages of Biofertilizers over Chemical fertilizers.
18. Explain Nitrogen fixation by Rhizobium.
19. Importance of Nitrification process in Agriculture.
20. Agronomic Practices.

**PART – D
(Long Essay)**

Answer **any 2** questions.

(2×5=10)

21. Discuss the various type of interaction between Microbes.
 22. Explain the Microbial Inoculants and their application in Agriculture.
 23. Discuss about the plant pathogenesis.
 24. Discuss on Microbial diseases of Plants.
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