



K23U 0524

Reg. No. :

Name :

**VI Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, April 2023**

(2019 and 2020 Admissions)

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 organism used as biofertilizer.
2. Humus.
3. *Pseudomonas*.
4. Harting net.
5. Morphological Resistance.
6. Rumen.

**PART – B
(Short Essay)**

Answer **any 6** questions.

(6×2=12)

7. Azolla-Anabena.
8. VAM.
9. Parasitism.
10. Mode of entry of pathogens.

P.T.O.



11. Importance of organic farming.
12. Common symptoms of plant disease.
13. Beneficial effects of soil microflora.
14. Advantage of biofertilizer over chemical fertilizer.

PART – C
(Essay)

Answer **any 4** questions.

(4×3=12)

15. Identification methods used for Rhizobium.
16. Discuss about plant disease mechanism.
17. Symbiotic nitrogen fixation.
18. What are the chemicals used to control plant disease ?
19. Discuss about disease pyramid.
20. Explain about synergism and antagonism.

PART – D
(Long essay)

Answer **any 2** questions.

(2×5=10)

21. Explain the classification of Mycorrhizae and its mass production.
 22. Discuss about (A) Wheat Black Rust (B) Citrus canker.
 23. Explain the biological control measures used to control disease.
 24. Discuss the various types of interaction between microbes.
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