

DR. KANAILAL BHATTACHARYYA COLLEGE

INTERNAL COLLEGE EVALUATION – 2021

SEMESTER– I

BOTANY HONOURS (BOTA)

CC- 1 (Phycology and Microbiology & CC– 2 (Mycology and phytopathology)

Full marks – 20

Date: 18.12.2021

Time: 1 Hour (12:00 P.M. – 1:00 P.M.)

Answer any twenty of the following

1×20

1. What is the full form of TMV?
2. Write the difference between Gram-positive and Gram-negative bacteria?
3. Name one Gram positive bacteria
4. Name two components of bacterial cell wall.
5. What do you mean by necrosis?
6. Write down the name of the pathogen for causing late blight disease of potato.
7. Name one nitrogen fixing algae.
8. What is disease triangle?
9. Mention some features of Chlorophyceae.
10. Mention two diagnostic characters of Rhodophyceae.
11. What do you mean by pathotoxin?
12. Name some algae commonly used as food.
13. What is heterocyst?
14. What is auxospore?
15. Mention two characters of Basidiomycota.
16. What is VAM?
17. What is Mycorrhiza?
18. Give an example of Foliose lichen.
19. Give an example of Crustose lichen
20. Name one fungi belong to the division Zygomycota.
21. Write down one difference between Ascomycotina & Basidiomycotina.
22. What do you mean by primary and secondary inoculum?
23. What do you mean by hypoplastic symptom?
24. Write down the name of pathogen responsible for black stem rot of wheat.
25. What is Biotroph?