



23104686

**QP CODE: 23104686**

**Reg No** : .....

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE  
EXAMINATIONS, FEBRUARY 2023**

**First Semester**

B.Sc Zoology Model I

**Complementary Course - BO1CMT01 - BOTANY - CRYPTOGRAMS, GYMNOSPERMS  
AND PLANT PATHOLOGY**

2017 Admission Onwards

42B6922F

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is phycology?
2. Name any two nitrogen fixing algae.
3. What is ejection ?
4. Explain the morphology of Sargassum.
5. What type of life cycle is found in Polysiphonia?
6. Why are algae used in aquaculture?
7. What is a mycelium?
8. What do you mean by ascocarp?
9. Name a fungus which is edible.
10. Fresh water form of lichen?
11. Describe any one economic importance of lichens.
12. Define ligule.

(10×1=10)





### Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Describe cell division in Oedogonium.
14. Explain the thallus structure of Spirogyra.
15. Describe the general characteristics of Phaeophyceae.
16. Write notes on  
1. Basidium 2. Dolipore septum
17. With a labeled diagram explain the telial stage of Puccinia.
18. With suitable diagram describe the anatomical characters of Riccia thallus.
19. Describe the general characters of pteridophytes.
20. Describe the xerophytic adaptation in Cycas leaflet.
21. Explain the symptoms of bacterial blight of paddy.

(6×5=30)

### Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Give an account of lifecycle of Rhizopus.
23. Describe the sexual reproduction in Cycas.
24. Describe the classification of plant disease based on causative organisms and its symptoms.
25. Explain sexual reproduction in Oedogonium with suitable diagrams.

(2×10=20)

