23146049

QP CODE: 23146049

Reg No : .....

Name : .....

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

First Semester

B.Sc Zoology Model I

Complementary Course - BO1CMT01 - BOTANY - CRYPTOGAMS, GYMNOSPERMS AND PLANT PATHOLOGY

2017 Admission Onwards

D2842C76

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Define apical cap.
2. What is the shape of chloroplast in Volvox?
3. Which algae is named as pond silk?
4. What is the reserve food of Rhodophyceae?
5. What type of life cycle is found in Polysiphonia?
6. Write any two sources of agar used in laboratory.
7. What are deuteromycetes?
8. What are ascospores?
9. During which process does the dikaryotisation of the hyphae in Puccinia takes place.
10. Describe any one economic importance of lichens.
11. What is a thallus?
12. What is siphonogamous fertilization?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the cell Structure of Cyanophyceae.
14. Write general characterstics of Chlorophyceae.
15. Describe diplontic life cycle with suitable example.
16. How does Rhizopus sexually reproduce?
17. Write short notes on fungal toxin and Human health.
18. Classification of lichens based on morphology.
19. Explain the stem anatomy of Selaginella, with suitable diagram.
20. Describe the xerophytic adaptation in Cycas leaflet.
21. Explain the conditions that favour the spread of the pathogen in Nut fall of Arecanut and its control measures.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Give an account of organization and reproduction in Puccinia.
23. Explain the salient features of bryophytes and pteridophytes.
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)