QP CODE: 24046524

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Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) IMPROVEMENT/REAPPEARANCE/MERCY CHANCE EXAMINATIONS, DECEMBER 2024

First Semester

B.Sc Zoology Model I

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

2017 Admission Onwards

F5C0E111

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. Name any macroscopic algae.
2. What is a polar nodule?
3. Define eye-spot.
4. Name the reserve food material of Phaeophyceae.
5. What is receptacle?
6. Write any two sources of agar used in laboratory.
7. Name black bread mould.
8. Which is the causal organism of black rust of wheat?
9. How many types of spores are formed in Puccinia graminis?
10. What is phycobiont?
11. Describe any one economic importance of lichens.
12. Which plant group is known as living fossils?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Write the salient features of Cyanophyceae.

14. Explain the thallus structure of Cladophora.

15. Describe the thallus of red algae with suitabel example.

16. Give an account of salient features of ascomycotina.

17. Write short notes on Role of fungi in agriculture.

18. Describe the reproduction in Riccia.

19. Describe the reproduction in Selaginella.

20. With Suitable diagram describe the structure of ovule in Cycas?

21. Differntiate between infectious and non infectious diseases.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain Ainsworth classification of fungi.

23. Explain the salient features of bryophytes and pteridophytes.

24. Write the Causative organism, symptoms and control measures for Nut fall of Arecanut, Bacterial Blight of Paddy, Leaf mosaic of Tapioca.

25. Explain sexual reproduction in Oedogonium with suitable diagrams.

(2×10=20)