QP CODE: 19101092

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Reg No : .....

Name : .....

B.Sc.DEGREE (CBCS) EXAMINATION, DECEMBER 2018

First Semester

B.Sc Zoology Model I

Complementary Course -

BO1CMT01 - BOTANY - CRYPTOGAMS, GYMNOSPERMS AND PLANT PATHOLOGY

2017 Admission (Reappearance)

7150B63B

Maximum Marks: 60 **Time: 3 Hours**

Part A

Answer any **ten** questions.

Each question carries **1** mark.

1. Name the major reserve food material in Cyanophyceace.
2. Which algae is known as Star Jelly?
3. Name the major pigments in Chlorophyceace.
4. Describe the types of reproduction in Sargassum.
5. Describe different types of reproduction in Polysiphonia.
6. Name two nitrogen fixing algae.
7. What do you holocarpic mycelia?
8. Name sac fungi.
9. Mention the term applied to the process where the dikaryotisation takes place within a cell.
10. Graphis belongs to which Group of lichen.
11. Describe any one economic importance of lichens.
12. What type of stele is seen in Selaginella rhizophore?

(10×1=10)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Explain the cell Structure of Cyanophyceae
14. Describe the sex organs in Oedogonium
15. Describe the general characterstics of Phaeophyceae

16. Give an account of salient features of Zygomycotina

17. Write short notes on Role of fungi in Humus formation

18. Describe the general characters of bryophytes

19. Describe the anatomy of cycas leaflet

20. Describe the structure of male cone in Cycas?

21. Explain the symptoms of Nut fall of Arecanut?

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. With labelled diagrams explain life cycle of puccinia

23. Expalin 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)