QP CODE: 19103091

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Reg No : .....

Name : .....

B.Sc.DEGREE (CBCS) EXAMINATION, NOVEMBER 2019

First Semester

B.Sc Zoology Model I

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

2017 Admission Onwards

3A9D65B7

Time: 3 Hours

Maximum Marks :60

Part A

*Answer any **ten** questions.*

Each question carries 1 mark.

1. Name a filamentous unbranched chlorophycean Algae?
2. Name the major Pigments in Cyanophyceace
3. Mention the shape of chloroplast of Spirogyra
4. Explain the morphology of Sargassum
5. What is the reserve food of Rhodophyceae
6. Name any one alga used as primary source of Iodine
7. What do you meant by eucarpic mycelia
8. What is coenocytic fungi
9. Mention the name of the host in which dikaryotisation of the hyphae in Puccinia occurs
10. Explain the vegetative characters of Usnea
11. Explain two important characters of Bryophytes?
12. What is indusial papilla?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Describe the sex organs in Oedogonium

14. Describe the structure of volvox colony

15. Expain diplobiontic life cycle

16. What is stroma in Xylaria.Explain briefly its structure.

17. Explain pycnidium or spermagonium in puccinia

18. General characters of lichens

19. Describe the general characters of pteridophytes

20. What are Coralloid roots and explain its significance?

21. Explain the symptoms of Leaf Mosaic of Tapioca

(6×5=30)

Part C

Answer any two questions.

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

22. Why fungi are called vegetative vultures. Describe the economic importance of fungi

23. Explain the structure and reproduction of Selaginella

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)