QP CODE: 18103692

18103692

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

2018 Admission only

B7A7A083

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

Part A

Answer any **ten** questions.

Each question carries **1** mark.

1. What is Gaidukov Phenomenon?
2. What is hormogonium?
3. What are meiozoospores?
4. Describe the pigments of Rhodophyceae.
5. what is carposporophyte
6. What is eutrophication?
7. Name a group of fungi grow in animal faeces.
8. Name an edible ascomycean fungi
9. Name the fruiting body of Basidiomycetes.
10. Define Symbiosis.
11. What are amphibians of the plant kingdom?
12. What is Polyembryony?

(10×1=10)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Describe an individual member of a volvox colony.
14. Differentiate thallus structure of cladophora from spirogyra.

15. Explain sexual reproduction in Sargassum.

16. How does Rhizopus sexually reproduce.

17. Comment on Pycnidial Stage of Puccinia.

18. With the help of a suitable diagram, explain the anatomy of Usnea.

19. Expalin the stem anatomy of Selaginella, with suitable diagram.

20. Describe the reproduction in Selaginella.

21. Describe the symptoms caused by fungal pathogens in plants.

(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. Describe the sexual reproduction in Cycas.

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)