B.Sc DEGREE EXAMINATION,APRIL 2019
I Year I Semester
Phycology and Algal Biotechnology

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Bluegreenalgae
2. Incipient nucleus
3. Heterosis
4. Akinite
5. Cystocarp
6. Airbladder
7. Sterilization
8. Inoculatoin
9. Biofertilizers
10. SCP
11. Prokaryotic
12. Autospore

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Write short notes on Algal pigmentation.
14. Give the salient features of Cyanophyceae members.
15. Draw the structure of Cystocarp with parts.
16. Give abrief account on culture media.
17. Give the nutritional value of single cell protein.
18. Write an account on Reserve food materials.
19. Briefly explain inoculation method.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Write the F.E.Fritsch classification of Algae.
21. Draw the structure of Cyanophyceae, Chlorophyceae and haeophyceae members with parts.
22. Explain the life cycle of Gracilaria.
23. Write in Detail the sterilization method.
24. Write about Diatomacious earth, Alginates and Agar.

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