

13/08/2018

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-27
B.Sc BOTANY- I SEMESTER
MID-SEMESTER EXAMINATION: AUGUST 2018
BO 118 : MICROBIOLOGY AND ALGAE

Time - 1 hr

Max Marks-30

Draw diagrams and write examples wherever necessary

This paper contains ONE printed page and TWO parts

I. Answer any NINE of the following:

9x2=18

1. Androgonidium
2. Cryophytes
3. Enveloped & non-enveloped viruses
4. Plaque stage
5. Parasitic algae
6. Water net
7. Phytoplanktons
8. Lophotrichous
9. Capsid
10. Mesosomes
11. Viral genome
12. Types of viruses based on morphology

II. Write notes on any TWO of the following:

2x6=12

13. Thallus organization in Algae with reference to Filamentous, Siphonaceous and Heterotrichous.
14. Sexual reproduction in *Hydrodictyon*.
15. Explain the structure and composition of Gram positive & Gram negative bacterial flagella.