

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BENGALURU-560027

B.Sc BOTANY- I SEMESTER

MID-SEMESTER EXAMINATION: AUGUST 2019

BO 118: Microbiology and Algae

Time – 1 hour

Max Marks: 30

Draw labelled diagrams and write examples wherever necessary

This paper contains ONE printed page and TWO parts

A. Answer any NINE of the following

9X2=18

- 1) Benthophytes
- 2) Koch's postulates
- 3) Coenobium
- 4) Waternet
- 5) Symbiotic algae
- 6) Mesosomes
- 7) Endospore
- 8) Contagium vivum fluidum
- 9) Meio-Mito zoospores
- 10) False branching
- 11) Capsid
- 12) Polyhedron

B. Write short notes on any TWO of the following

2X6=12

- 13) Sexual reproduction in *Volvox*
- 14) Ultrastructure of bacterial flagella
- 15) Thallus organization in algae with reference to filamentous, siphonaceous and heterotrichous