

# L.N.D. College, Motihari

## Semester-1 Mid- Sem. (CIA) Exam. (Session- 2023-27)

Subject- MJC-1 (T) Botany

Full Marks-15x1= 15

Time- 1 Hr.

Date- \_\_\_\_\_

Name- \_\_\_\_\_

Class Roll No.- \_\_\_\_\_

University Roll No.- \_\_\_\_\_

Signature- \_\_\_\_\_

### All Questions are compulsory. Tick the correct option.

- How many classes are there in Fritsch's System of Algal classification?  
a. 10                      b. 11                      c. 12                      d. 13
- Which of the following belongs to the cryptogam's sub-kingdom?  
a. Algae                      b. Lichens                      c. Mosses                      d. All of them
- Who is known as the Father of Indian Algology?  
a. Fritsch                      b. M.O.P. Iyengar                      c. H.D. Kumar                      d. Desikachary
- Which cell is responsible for Nitrogen fixation in Nostoc?  
a. Heterocyst                      b. Hormogonia                      c. Akinete                      d. None of these
- Hormogonia is asexual reproducing body produced in?  
a. Volvox                      b. Nostoc                      c. Oedogonium                      d. Chara
- Gonidia is produced in?  
a. Volvox                      b. Oedogonium                      c. Nostoc                      d. Chara
- R. H. Whittaker divided organisms into how many Kingdoms?  
a. One                      b. Two                      c. Three                      d. Five
- Which of the following is a Bluegreen Algae/ Cyanobacteria?  
a. Nostoc                      b. Oedogonium                      c. Volvox                      d. Chara
- Phycocyanin is the major pigment of which Class?  
a. Chlorophyceae                      b. Cyanophyceae                      c. Rhodophyceae                      d. Xanthophyceae
- Which of these live in symbiotic relationship with Algae to form a Lichen?  
a. Monera                      b. Archaea                      c. Bacteria                      d. Fungi
- Oedogonium is found in only?  
a. Fresh water                      b. Marine                      c. both                      d. None
- Dwarf male in Oedogonium is known as?  
a. Macrandrous                      b. Nannandrous                      c. both                      d. Gyanandrous
- Meiotic division in Volvox occurs at which stage?  
a. Gametic Stage                      b. In male gametes only                      c. In female gametes                      d. In zygote
- Coenobial form of thallus is present in?  
a. Oedogonium                      b. Chara                      c. Nostoc                      d. Volvox
- Which of the following groups has a prokaryotic cell?  
a. Protista                      b. Monera                      c. Fungi                      d. Algae