

Olunleke-ojo oluwagbemi.

19/MTHSol/342.

Division	Class
Thallophyta	Phyotinae (algae) Mycotinae (Fungi)
Bryophyta	Hepaticeae (Liverworts) Musci (mosses)
Pteridophyta	Psilotum, Lycopodiaceae, Horse tail, ferns.
Spermatophyta	Gymnosperms Angiosperms.

② Importance of algae to man

- (i) It serves as food for man and livestock
- (ii) Thickening agents in ice cream and shampoo
- (iii) The production of dyes for wood & dyes.
- (iv) Brown algae is used for stabilizing emulsions.
- (v) Diatoms are used in forensic medicine if someone died by drowning.

③ Chloromonads.

Usually found in stagnant water. Flagella are the structures for mobility. The cell is bounded by a cellulose cell wall. The nucleus contains the genetic programme of the cell. The stigma is used for photosynthesis. The mitochondria mediate the elaboration of energy molecules. Manufactured starch is processed into starch on the pyrenoid. Contains organelles: contractile vacuole, Eyespot (stigma), mitochondrion, cell wall, flagellum, vacuole, nucleus, chloroplast and pyrenoid.