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B.SC. PART (H) I
PAPER - I

CORE CONCEPT OF

Group - A - Algae

Classification of Algae III

example - Diatoms.

10. Rhodophyceae -

- i) phycoerythrin, phycocyanin, carotene, xanthophyll and chlorophyll are present.
- ii) Food accumulated as form of Floridian Starch.
- iii) Sexual Reproduction present as oogamous type.
- iv) mostly found in sea water
- v) These algae are red in colour.

example - Batrachospermum -

11. Myxophyceae or Cyanophyceae

- i) Nucleus is ill-developed.
- ii) Its colour is blue-green and presence of phycocyanin
- iii) Food reserved as form of myxophycean starch.
- iv) Absence of motile stage.

- v) Ability of N_2 fixation
 - vi) Found upon moist soil and within plant body and uncellular and filamentous.
example - Oscillatoria
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