



INDIAN SCHOOL NIZWA
Class :XI A Sub: BIOLOGY
CH - 3: PLANT KINGDOM

1. Differentiate the artificial system of classification from Natural system of classification.
2. Define the following. Numerical taxonomy, Cytotaxonomy, Chemotaxonomy, Phylogenetic classification.
3. Differentiate the following.
 - (i) Isogamy, anisogamy and oogamy.
 - (ii) Chlorophyceae, Phaeophyceae and Rhodophyceae.
4. Write the economic importance of Algae.
5. Name the reserve food materials stored in green alga, brown alga and red alga?
6. Name the following;
 - a. The photosynthetic pigments present in green alga.
 - b. The photosynthetic pigments present in red and brown alga.
 - c. The alga from which Agar is extracted.
 - d. Name any two Hydrocolloid substances extracted from red & brown algae.
 - e. Name the root like, stem like & leaf like structures seen in algae.
7. What are Gemmae?
8. Write the economic importance of Bryophytes
9. Differentiate Homosporous and Heterosporous condition.
10. Differentiate the male cone from female cone in gymnosperms.