BIO 102:

ASSIGNMENT

IBEKWE GIVENS CHIAMAKA

15/MHS02/052

1. According to Eichler's Grouping:

* Division I Gymnospermae
* Division II Monocotyledoneae
* Division III Dicotyledoneae

2. The **algae** are used as a direct source of food by several sea animals and fishes. The marine **algae** are rich in iodine and several other **important** minerals. This makes the fundamental source of food for all marine animals and in this respect sea is the richest food producing area

3.**Unicellular forms of algae** are also called acellular **algae** as they function as complete living organisms. **Unicellular forms** are common in all the groups of **algae** except Rhodophyceae, Phaeophyceae and Charophyceae. The unicells may be motile or non-motile

4.

5.colonial organisms and Filamentous organisms: **colonial organisms form a mass of similar cells while filamentous organisms form an array of organisms that resemble a filament.**

6.The largest and most **complex** marine **algae** are **called** seaweeds, while the most **complex** freshwater **forms** are the Charophyta, a division of green **algae** which includes, for example, Spirogyra and stoneworts.