

Azarna Ruth Eli

19/mhs03/002

Human Anatomy

Bio 102 assignment

1. Eichler classified the plant kingdom into 2 subclasses namely;

Cryptogamæ & Phanerogamæ

2 Importance of algae to man

1 Ornamental uses

2 Medicines and minerals

3 As a source of agar in the production of icecream

4 Manufacture of iodine

5 Used in fertilizers

3. Unicellular form of algae are also called acellular as they function as complete living organism. The cells may be motile or non-motile

4 Cell division or fission is the simplest method of reproduction for unicellular forms of algae. It is often called binary fission

5 Volvox

a Reproduction is both sexual and asexual

b spherical colonies of up to 50,000 cells

Synura

Reproduction is sexual

few cells in colonies

6 Zygnema is a filamentous chlorophyte green alga of the order Zygnematales, named for the

spiral arrangement of the chloroplasts that is the characteristic of the genus. It is commonly found in fresh water habitats, and there are more than 400 species in the world.