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**COLLEGE:MHS**

**DEPARTMENT: MBBS.**

**MATRIC NO: 19/MHS01/224.**

1. **According to Eichler, plants are classified according to a traditional system as well as a phylogenetic system of classification of plants . He classified it into two sub-kingdoms ,they are, Cryptogamae and Phanerogamae . The cryptogams are flowerless and seedless ,they are simple plants like( mosses, ferns and algae)that do not produce flowers, fruits and seeds. While Phanerogams are seed bearing plants , so they are known as spermatophytes. The plant body is differentiated into roots, stems, leaves and a well developed vascular system.**
2. **(i) They have high mineral content.**

**(ii) They can be used as food.**

**(iii) They can be a source of vitamins.**

**(iv) They are used as a source of agar.**

**(v) They can be used in the production of medicine.**

**(vi) They can be used in the manufacture of iodine.**

1. **Paramecia are single called protists that are naturally found in Aquarius habitats. They are typically oblong or slipper shaped and are covered with short structured hair called cilia.**
2. **Paramecium reproduces asexually by binary fission. During reproduction, the micronucleus splits by a type of amitosis and the micronuclei undergoes mitosis. The cell then divides transversally , each new cell obtains a copy of the micronucleus and macronucleus.**

 **6)Seaweed is a common name for countless species of marine plants and algae that grow in different water bodies . The vernacular ‘seaweed’ is a bonafied misnomer ,because a weed is a plant that spreads so profusely it can harm the habitat where it takes hold.**