

1: DNA.

Two basic events in reproduction are:-

(i) It creates two copies of the DNA in a reproducing cell.

(ii) DNA copying is accompanied by the creation of an additional cellular apparatus, and then DNA copies separate.

2: Vegetative propagation is the method of asexual reproduction in which new plants are produced from the vegetative parts of the plant like stem, roots and leaves.

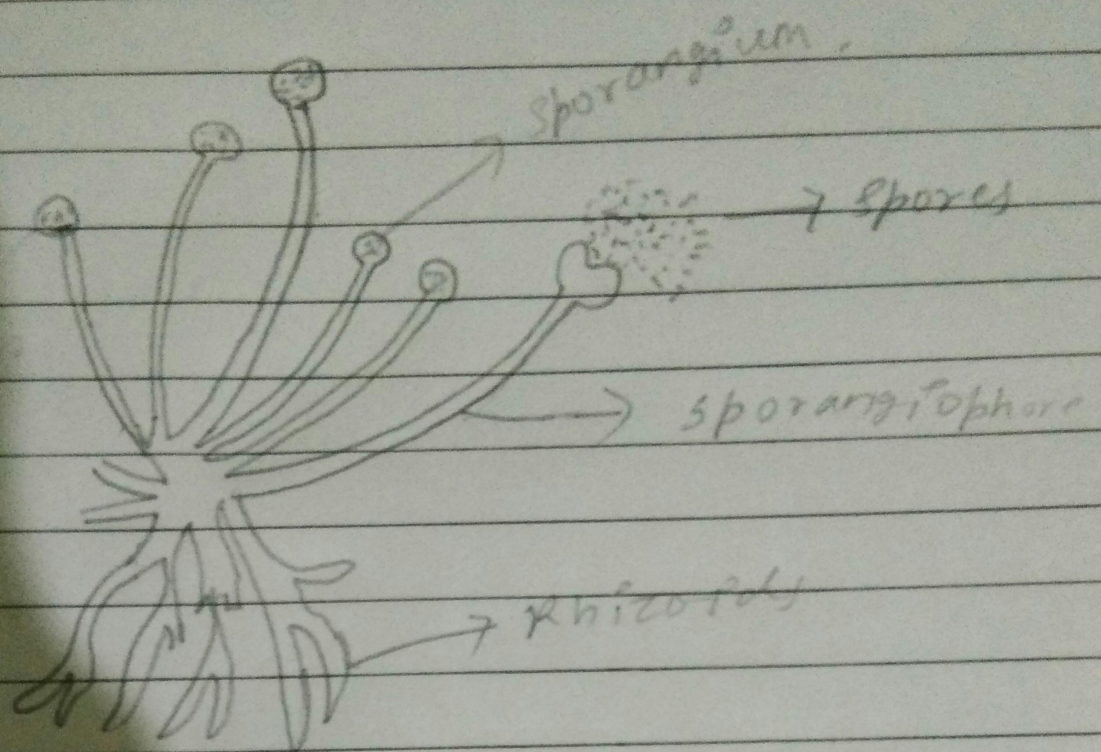
Examples - Bryophyllum.

Advantages:-

- 2) Plants grow faster by the process of vegetative propagation.
- All plants produced are genetically similar to the parent plant.

3: Spore formation is a method of asexual reproduction. It is a type of reproduction in which the organism breaks down into no. of ~~parent~~ spores and later develop into new organisms is called spore formation.

b)



- (c) Two advantages for organisms to reproduce themselves through spores are as follows:
- (i) It is a faster mode of reproduction.
  - (ii) Offspring produced are identical.