

HW

(1) Name the information source of making protein in the cell state two basic events in reproduction.

Ans - DNA is the cell nucleus is the information source for making proteins

The two basic events of reproduction are

(i) creation of a DNA

(ii) Additional cellular apparatus by the cell involved in the process

Explain vegetative propagation with the help of two example list two advantages of vegetative propagation

In vegetative propagation new plants are obtained from the parts of old plant

(Stems, roots and leaves) without the help of reproductive organ.

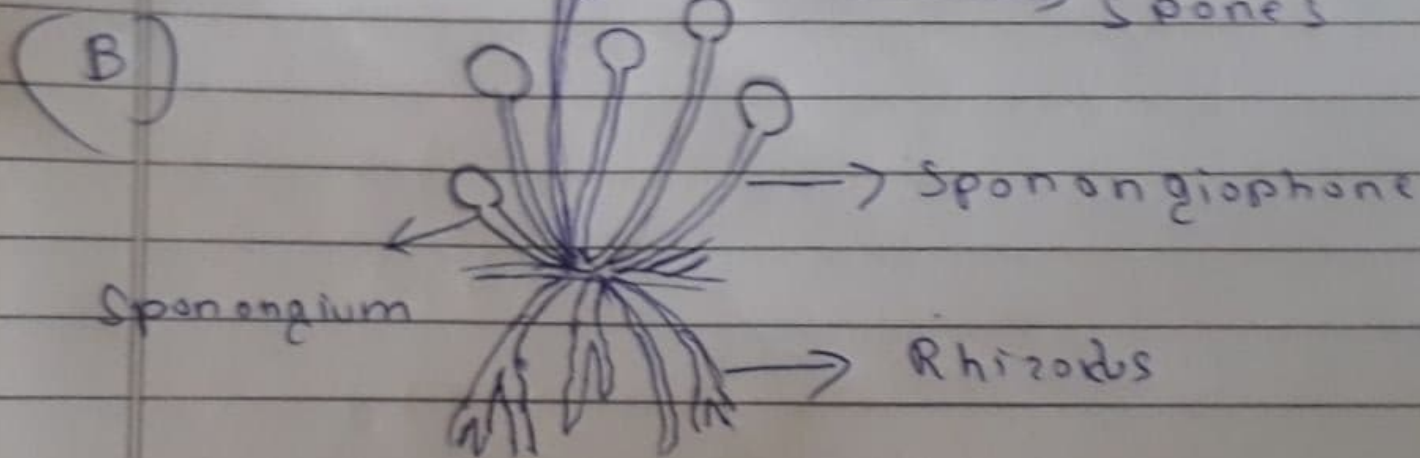
Examp: Bryophyllum plant reproduces from its leaves and money plant from its stem.

Advantages of vegetative propagation

(1) plant grow faster by the process of vegetative propagation

(ii) They need less care.

(A) Spore formation mainly occur in flowering plant like in fungi which is a type of asexual reproduction. A thousands of spores are produced by the plants which further grow into new plants. The organism does not need male and female reproductive organs.



Spore formation in Rhizopus

(C) Two advantages \Rightarrow It is a faster mode of reproduction
 \Rightarrow All spores produced are identical